

Safety Data Sheet



Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product identifier

- Product Name** • **Black Repair Cement**
Product Code • 16-325; 16-326; 16-327; 98-853

1.2 Relevant identified uses of the substance or mixture and uses advised against

- Relevant identified use(s)** • Tire repair adhesive

1.3 Details of the supplier of the safety data sheet

- Manufacturer** • Patch Rubber Company
100 Patch Rubber Road
Weldon, NC 27890
United States
- Telephone (General)** • (252)-536-2574
- Responsible party** • Christian Gimenez
Intertek Analytical Services France
France

Telephone (Technical) • 33 (0) 6 07 11 22 15

1.4 Emergency telephone number

- Manufacturer** • 1-800-424-9300 - CHEMTREC
Manufacturer • +1 703-527-3887 - CHEMTREC - Outside USA & CANADA (collect calls accepted)

Section 2: Hazards Identification

EU/EEC

According to EU Directive 1272/2008 (CLP)/REACH 1907/2006 [amended by 453/2010]
According to EU Directive 67/548/EEC (DSD) or 1999/45/EC (DPD)

2.1 Classification of the substance or mixture

- CLP** • Flammable Liquids 2 - H225
Skin Irritation 2 - H315
Specific Target Organ Toxicity Single Exposure 3: Narcotic Effects - H336
Hazardous to the aquatic environment Acute 1 - H400
Hazardous to the aquatic environment Chronic 1 - H410
- DSD/DPD** • Highly Flammable (F)

Irritant (Xi)
 Harmful (Xn)
 Dangerous to the Environment (N)
 R11, R38, R67, R50, R53

2.2 Label Elements

CLP

DANGER



- H225 - Highly flammable liquid and vapour
- H304 - May be fatal if swallowed and enters airways
- H315 - Causes skin irritation
- H336 - May cause drowsiness or dizziness
- H410 - Very toxic to aquatic life with long lasting effects

Precautionary statements

- Prevention**
- P102 - Keep out of reach of children.
 - P210 - Keep away from heat, sparks, open flames and/or hot surfaces. - No smoking.
 - P273 - Avoid release to the environment.
 - P280 - Wear protective gloves/protective clothing/eye protection/face protection.
- Response**
- P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
 - P331 - Do NOT induce vomiting.
- Storage/Disposal**
- P501 - Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

DSD/DPD



- Risk phrases**
- R11 - Highly flammable.
 - R38 - Irritating to skin.
 - R67 - Vapours may cause drowsiness and dizziness.
 - R50 - Very toxic to aquatic organisms.
 - R53 - May cause long-term adverse effects in the aquatic environment.
- Safety phrases**
- S2 - Keep out of reach of children.
 - S9 - Keep container in a well ventilated place
 - S16 - Keep away from sources of ignition - No Smoking.
 - S29 - Do not empty into drains.
 - S33 - Take precautionary measures against static discharges.
 - S60 - This material and its container must be disposed of as hazardous waste.
 - S61 - Avoid release to the environment. Refer to special instructions/ Safety Data Sheets.
 - S62 - If swallowed, do not induce vomiting. Seek medical advice immediately and show the container or label.

2.3 Other Hazards

CLP

- According to Regulation (EC) No. 1272/2008 (CLP) this material is considered hazardous.

DSD/DPD

- According to European Directive 1999/45/EC this preparation is considered dangerous.

UN GHS

According to Third Revised Edition

2.1 Classification of the substance or mixture

UN GHS

- Flammable Liquids 2 - H225
- Skin Irritation 2 - H315
- Specific Target Organ Toxicity Single Exposure 3: Narcotic Effects - H336
- Hazardous to the aquatic environment Acute 1 - H400
- Hazardous to the aquatic environment Chronic 1 - H410

2.2 Label elements**UN GHS****DANGER**

- H225 - Highly flammable liquid and vapour
- H315 - Causes skin irritation
- H336 - May cause drowsiness or dizziness
- H400 - Very toxic to aquatic life
- H410 - Very toxic to aquatic life with long lasting effects

Precautionary statements

- Prevention**
- P210 - Keep away from heat, sparks, open flames and/or hot surfaces. - No smoking.
 - P233 - Keep container tightly closed.
 - P235 - Keep cool.
 - P240 - Ground and/or bond container and receiving equipment.
 - P241 - Use explosion-proof - electrical, ventilating and/or lighting equipment.
 - P242 - Use only non-sparking tools.
 - P243 - Take precautionary measures against static discharge.
 - P261 - Avoid breathing dust, fume, gas, mist, vapours and/or spray.
 - P264 - Wash thoroughly after handling.
 - P271 - Use only outdoors or in a well-ventilated area.
 - P273 - Avoid release to the environment.
 - P280 - Wear protective gloves and eye/face protection , .

- Response**
- P370+P378 - In case of fire: Use appropriate media for extinction.
 - P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 - P312 - Call a POISON CENTER or doctor/physician if you feel unwell.
 - P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
 - P362 - Take off contaminated clothing and wash before reuse.
 - P332+P313 - If skin irritation occurs: Get medical advice/attention.
 - P391 - Collect spillage.

- Storage/Disposal**
- P403+P235 - Store in a well-ventilated place. Keep cool.
 - P405 - Store locked up.
 - P501 - Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

2.3 Other hazards**UN GHS**

- According to the Globally Harmonized System for Classification and Labeling (GHS) this product is considered hazardous.

United States (US)

According to OSHA 29 CFR 1910.1200 HCS

2.1 Classification of the substance or mixture**OSHA HCS**

- Flammable Liquid
- Flammable/Combustible Class IB
- Irritant
- Target Organ Effects - Central Nervous System (CNS)

2.2 Label elements**OSHA HCS**

- Not required

2.3 Other hazards

OSHA HCS

- Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is considered hazardous.

Canada

According to WHMIS

2.1 Classification of the substance or mixture

WHMIS

- Flammable Liquids - B2
- Other Toxic Effects - D2B

2.2 Label elements

WHMIS



- Flammable Liquids - B2
- Other Toxic Effects - D2B

2.3 Other hazards

WHMIS

- In Canada, the product mentioned above is considered hazardous under the Workplace Hazardous Materials Information System (WHMIS).

2.4 Other information

NFPA



See Section 12 for Ecological Information.

Section 3 - Composition/Information on Ingredients

3.1 Substances

- Material does not meet the criteria of a substance in accordance with Regulation (EC) No 1272/2008. Material does not meet the criteria of a substance according to United Nations Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

3.2 Mixtures

Hazardous Components					
Chemical Name	Identifiers	% (weight)	LD50/LC50	Classifications According to Regulation/Directive	Comments
				UN GHS: Flam. Liq. 2; Asp. 1; Skin Irrit. 2; STOT SE 3: Narc.; Aquatic	

Naphtha (petroleum), hydrotreated light	CAS: 64742-49-0 EC Number: 265-151-9	60% TO 100%	NDA	Acute 1; Aquatic Chronic 1; EU DSD/DPD: Annex I - F; R11 Xi; R38 N; R50 R53 Xn; R65 R67 EU CLP: Annex VI - Flam. Liq. 2, H225; Asp. Tox. 1, H304; Skin Irrit. 2, H315; STOT SE 3, H335; Aquatic Acute 1, H400; Aquatic Chronic 1, H410	Annex VI carcinogen and mutagen classifications not applicable - contains <0.1% benzene
Carbon Black	CAS: 1333-86-4 EC Number: 215-609-9	1% TO 1.5%	Ingestion/Oral-Rat LD50 · >15400 mg/kg Skin-Rabbit LD50 · >3 g/kg	UN GHS: STOT RE 1, Carc. 2 EU DSD/DPD: Self Classified - Carc. Cat 2, R40 EU CLP: Self Classified - Carc. 2, H351	Will not be released in final product
Isopropyl alcohol	CAS: 67-63-0 EC Number: 200-661-7 UN: UN1219	0.1% TO 1%	Inhalation-Rat LC50 · 16000 ppm 8 Hour(s) Skin-Rabbit LD50 · 12800 mg/kg Ingestion/Oral-Rat LD50 · 5000 mg/kg	UN GHS: Eye Irrit. 2, Skin Irrit. 2, STOT SE 3: Narc. EU DSD/DPD: Annex I - F, R11; Xi, R36; R67 EU CLP: Annex VI - Flam. Liq. 2, H225; Eye Irrit. 2, H315; STOT SE 3, H336	NDA
Sulfur	CAS: 7704-34-9 EC Number: 231-722-6 UN: UN1350, UN2448	0.1% TO 1%	NDA	UN GHS: Skin Irrit 2; Eye Irrit. 2A; STOT SE 3: Resp. Irrit. EU DSD/DPD: Annex I - Xi; R38 EU CLP: Annex VI - Skin Irrit. 2, H315	NDA
Zinc oxide	CAS: 1314-13-2 EC Number: 215-222-5	0.1% TO 1%	Ingestion/Oral-Mouse LD50 · 7950 mg/kg	UN GHS: Aquatic Acute 2, Aquatic Chronic 1 EU DSD/DPD: Annex I - N; R50 R53 EU CLP: Annex VI - Aquatic Acute 1, H400; Aquatic Chronic 1, H410	NDA
Benzanilide, 2',2''-dithiobis-	CAS: 135-57-9 EINECS: 205-201-9	0.01% TO 0.012%	Ingestion/Oral-Rat LD50 · >4 g/kg	UN GHS: Skin Sens. 1 EU DSD/DPD: Self Classified - R43 EU CLP: Self Classified - Skin Sens. 1, H317	NDA
Propionic acid	CAS: 79-09-4 EC Number: 201-176-3	0.0006% TO 0.0031%	Ingestion/Oral-Rat LD50 · 2600 mg/kg Skin-Rabbit LD50 · 500 µL/kg	UN GHS: Eye Dam 1; Skin Corr 1A; STOT SE 3: Resp. Irrit., Aquatic Acute 3 EU DSD/DPD: Annex I - C; R34 EU CLP: Annex VI - Skin Corr 1B, H335	NDA
Stearic acid	CAS: 57-11-4 EC Number: 200-313-4	0.12%	Skin-Rabbit LD50 · >5 g/kg Ingestion/Oral-Rat LD50 · 4600 mg/kg	UN GHS: Acute Tox 5 (orl), Skin Irrit. 2 EU DSD/DPD: Self Classified - Xi R38 EU CLP: Self Classified - Skin Irrit. 2, H315	NDA
Guanidine, 1,3-diphenyl-	CAS: 102-06-7 EC Number: 203-002-1	0.02%	Skin-Rabbit LD50 · >794 mg/kg Ingestion/Oral-Rat LD50 · 350 mg/kg	UN GHS: Repr. 2, Acute Tox 4, Eye Irrit. 2A, Aquatic Chronic 2; Skin Sens. 1B; Muta. 2 EU DSD/DPD: Annex I - Xn, R22; Xi, R36/37/38; N, R51/R53; Repr Cat.3, R62 EU CLP: Annex VI - Repr. 2, H361f; Acute Tox. 4 *, H302; Eye Irrit. 2, H319; STOT SE 3, H335; Skin Irrit. 2, H315; Aquatic Chronic 2, H411	NDA

See Section 11 for Toxicological Information.

Section 4 - First Aid Measures

4.1 Description of first aid measures

- | | |
|-------------------|---|
| Inhalation | <ul style="list-style-type: none"> • Move victim to fresh air. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing. If signs/symptoms develop, get medical attention. |
| Skin | <ul style="list-style-type: none"> • In case of contact with substance, immediately flush skin with running water for at least 20 minutes. Wash skin with soap and water. Take off contaminated clothing and wash before reuse. If skin irritation occurs: Get medical advice/attention. |
| Eye | <ul style="list-style-type: none"> • IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. |
| Ingestion | <ul style="list-style-type: none"> • Do NOT induce vomiting. If person is drowsy or unconscious and vomiting, place on the left side with head down. Seek medical attention. |

4.2 Most important symptoms and effects, both acute and delayed

- Inhalation of vapors or fumes will cause central nervous system effects with symptoms of dizziness, drowsiness, lethargy, coma and death. May cause skin irritation. Refer to Section 11 - Toxicological Information.

4.3 Indication of any immediate medical attention and special treatment needed

- | | |
|---------------------------|--|
| Notes to Physician | <ul style="list-style-type: none"> • Inhalation of high concentrations of this material, as could occur in enclosed spaces or during deliberate abuse, may be associated with cardiac arrhythmias. Sympathomimetic drugs may initiate cardiac arrhythmias in persons exposed to the material. |
|---------------------------|--|

See Section 2 for Potential Health Effects.

Section 5 - Firefighting Measures

5.1 Extinguishing media

- | | |
|---------------------------------------|--|
| Suitable Extinguishing Media | <ul style="list-style-type: none"> • Carbon dioxide (CO₂), water fog, dry chemical or chemical foam. |
| Unsuitable Extinguishing Media | <ul style="list-style-type: none"> • Avoid the use of streaming water, as this may spread the fire. |

5.2 Special hazards arising from the substance or mixture

- | | |
|---|--|
| Unusual Fire and Explosion Hazards | <ul style="list-style-type: none"> • HIGHLY FLAMMABLE: Will be easily ignited by heat, sparks or flames. Containers may explode when heated. Extremely flammable liquid and vapor. Vapors may form explosive mixtures with air. Vapor explosion hazard indoors, outdoors or in sewers. Vapors may travel to source of ignition and flash back. Runoff to sewer may create fire or explosion hazard. |
| Hazardous Combustion Products | <ul style="list-style-type: none"> • Smoke, soot, fumes or vapors, oxides of carbon. |

5.3 Advice for firefighters

- Structural firefighters' protective clothing will only provide limited protection. Wear chemical protective clothing that is specifically recommended by the manufacturer. It may provide little or no thermal protection. Wear positive pressure self-contained breathing apparatus (SCBA). Move containers from fire area if you can do it without risk. Use water spray to cool containers exposed to fire. Runoff from fire control may cause pollution. LARGE FIRES: Dike fire-control water for later disposal.

Section 6 - Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal Precautions

- Wear appropriate protective equipment including respiratory protection as conditions warrant. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

Emergency Procedures

- As an immediate precautionary measure, isolate spill or leak area for at least 50 meters (150 feet) in all directions. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area) Keep out of low areas. Keep unauthorized personnel away. Stay upwind. Ventilate closed spaces before entering.

6.2 Environmental precautions

- Avoid run off to waterways and sewers.

6.3 Methods and material for containment and cleaning up

Containment/Clean-up Measures

- Stop leak if you can do it without risk.
All equipment used when handling the product must be grounded.
Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.
Use clean non-sparking tools to collect absorbed material.
A vapor suppressing foam may be used to reduce vapors.
LARGE SPILLS: Dike far ahead of liquid spill for later disposal.

6.4 Reference to other sections

- Refer to Section 8 - Exposure Controls/Personal Protection and Section 13 - Disposal Considerations.

Section 7 - Handling and Storage

7.1 Precautions for safe handling

Handling

- Keep away from heat and ignition sources – No Smoking. Product can accumulate static charge by flow or agitation. Bond and ground equipment when transferring from one vessel to another. Empty containers retain product residue and may be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat, flame, sparks or other ignition sources. They may explode and cause injury or death. Use only with adequate ventilation. Do not enter confined spaces such as tanks or pits without following proper entry procedures.

7.2 Conditions for safe storage, including any incompatibilities

Storage

- Store in a cool/low-temperature, well-ventilated place away from heat and ignition sources. Keep container closed when not in use. Keep away from incompatible materials.

Incompatible Materials or Ignition Sources

- Keep away from heat, ignition sources oxidizers and strong acids.

7.3 Specific end use(s)

- Refer to Section 1.2 - Relevant identified uses.

Section 8 - Exposure Controls/Personal Protection

8.1 Control parameters

Exposure Limits/Guidelines						
	Result	ACGIH	Canada Ontario	Canada Quebec	Europe	France
Methylcyclohexane (108-87-2)	TWAs	400 ppm TWA	400 ppm TWA _{EV} ; 1600 mg/m ³ TWA _{EV}	400 ppm TWA _{EV} ; 1610 mg/m ³ TWA _{EV}	Not established	400 ppm VME; 1600 mg/m ³ VME
3-Methylhexane (589-34-4)	STELs	500 ppm STEL	Not established	Not established	Not established	Not established
	TWAs	400 ppm TWA	Not established	Not established	Not established	Not established
Hexane, 2-methyl-	STELs	500 ppm STEL	Not established	Not established	Not established	Not established

(591-76-4)	TWAs	400 ppm TWA	Not established	Not established	Not established	Not established
Pentane, 2,3-dimethyl- (565-59-3)	STELs	500 ppm STEL	Not established	Not established	Not established	Not established
	TWAs	400 ppm TWA	Not established	Not established	Not established	Not established
Propionic acid (79-09-4)	TWAs	10 ppm TWA	10 ppm TWAEV; 30 mg/m3 TWAEV	10 ppm TWAEV; 30 mg/m3 TWAEV	Not established	10 ppm VME (indicative limit); 31 mg/m3 VME (indicative limit)
	STELs	Not established	Not established	Not established	Not established	20 ppm VLCT (indicative limit); 62 mg/m3 VLCT (indicative limit)
Ethylbenzene (100-41-4)	STELs	125 ppm STEL	125 ppm STEV; 540 mg/m3 STEV	125 ppm STEV; 543 mg/m3 STEV	Not established	100 ppm VLCT (restrictive limit); 442 mg/m3 VLCT (restrictive limit)
	TWAs	100 ppm TWA	100 ppm TWAEV; 435 mg/m3 TWAEV	100 ppm TWAEV; 434 mg/m3 TWAEV	Not established	20 ppm VME (restrictive limit); 88.4 mg/m3 VME (restrictive limit)
Benzene (71-43-2)	STELs	2.5 ppm STEL	2.5 ppm STEV (applies to workplaces to which the designated substance regulation does not apply); 2.5 ppm STEV (designated substances regulation)	5 ppm STEV; 15.5 mg/m3 STEV	Not established	Not established
	TWAs	0.5 ppm TWA	0.5 ppm TWAEV (applies to workplaces to which the designated substance regulation does not apply); 0.5 ppm TWAEV (designated substance regulation)	1 ppm TWAEV; 3 mg/m3 TWAEV	Not established	1 ppm VME (restrictive limit); 3.25 mg/m3 VME (restrictive limit)
Kaolin (1332-58-7)	TWAs	2 mg/m3 TWA (particulate matter containing no asbestos and <1% crystalline silica, respirable fraction)	2 mg/m3 TWAEV (containing no asbestos and less than 1% crystalline silica, respirable)	5 mg/m3 TWAEV (respirable dust, containing no asbestos and less than 1% crystalline silica)	Not established	10 mg/m3 VME
Toluene (108-88-3)	STELs	Not established	Not established	Not established	100 ppm STEL; 384 mg/m3 STEL	100 ppm VLCT (restrictive limit); 384 mg/m3 VLCT (restrictive limit)
	TWAs	20 ppm TWA	20 ppm TWAEV	50 ppm TWAEV; 188 mg/m3 TWAEV	50 ppm TWA; 192 mg/m3 TWA	50 ppm VME (restrictive limit); 192 mg/m3 VME (restrictive limit)
Isopropyl alcohol	STELs	400 ppm STEL	400 ppm STEV	500 ppm STEV; 1230 mg/m3 STEV	Not established	400 ppm VLCT; 980 mg/m3 VLCT

(67-63-0)	TWAs	200 ppm TWA	200 ppm TWAEV	400 ppm TWAEV; 985 mg/m3 TWAEV	Not established	Not established
Zinc oxide (1314-13-2)	STELs	10 mg/m3 STEL (respirable fraction)	10 mg/m3 STEV (respirable)	10 mg/m3 STEV (fume)	Not established	Not established
	TWAs	2 mg/m3 TWA (respirable fraction)	2 mg/m3 TWAEV (respirable)	5 mg/m3 TWAEV (fume); 10 mg/m3 TWAEV (total dust, containing no asbestos and less than 1% crystalline silica)	Not established	5 mg/m3 VME (fume); 10 mg/m3 VME (dust)
Carbon Black (1333-86-4)	TWAs	3.5 mg/m3 TWA	3.5 mg/m3 TWAEV	3.5 mg/m3 TWAEV	Not established	3.5 mg/m3 VME
Heptane (142-82-5)	STELs	500 ppm STEL	500 ppm STEV; 2045 mg/m3 STEV	500 ppm STEV; 2050 mg/m3 STEV	Not established	500 ppm VLCT (restrictive limit); 2085 mg/m3 VLCT (restrictive limit)
	TWAs	400 ppm TWA	400 ppm TWAEV; 1635 mg/m3 TWAEV	400 ppm TWAEV; 1640 mg/m3 TWAEV	Not established	400 ppm VME (restrictive limit); 1668 mg/m3 VME (restrictive limit)
Exposure Limits/Guidelines (Con't.)						
	Result	Germany DFG	Germany TRGS	Italy	NIOSH	OSHA
Methylcyclohexane (108-87-2)	TWAs	Not established	200 ppm TWA (exposure factor 2); 810 mg/m3 TWA (exposure factor 2)	Not established	400 ppm TWA; 1600 mg/m3 TWA	500 ppm TWA; 2000 mg/m3 TWA
	Ceilings	400 ppm Peak; 1620 mg/m3 Peak	Not established	Not established	Not established	Not established
	MAKs	200 ppm MAK; 810 mg/m3 MAK	Not established	Not established	Not established	Not established
Propionic acid (79-09-4)	STELs	Not established	Not established	20 ppm STEL; 62 mg/m3 STEL	15 ppm STEL; 45 mg/m3 STEL	Not established
	TWAs	Not established	10 ppm TWA (exposure factor 2); 31 mg/m3 TWA (exposure factor 2)	10 ppm TWA; 31 mg/m3 TWA	10 ppm TWA; 30 mg/m3 TWA	Not established
	Ceilings	20 ppm Peak; 62 mg/m3 Peak	Not established	Not established	Not established	Not established
	MAKs	10 ppm MAK; 31 mg/m3 MAK	Not established	Not established	Not established	Not established
Ethylbenzene (100-41-4)	STELs	Not established	Not established	200 ppm STEL; 884 mg/m3 STEL	125 ppm STEL; 545 mg/m3 STEL	Not established
	TWAs	Not established	100 ppm TWA (exposure factor 2); 440 mg/m3 TWA (exposure factor 2)	100 ppm TWA; 442 mg/m3 TWA	100 ppm TWA; 435 mg/m3 TWA	100 ppm TWA; 435 mg/m3 TWA
Benzene (71-43-2)	TWAs	Not established	Not established	1 ppm TWA; 3.25 mg/m3 TWA	0.1 ppm TWA	10 ppm TWA (applies to industry segments exempt from the benzene standard at 29 CFR 1910.1028); 1 ppm TWA

	Ceilings	Not established	Not established	Not established	Not established	25 ppm Ceiling
	STELs	Not established	Not established	Not established	1 ppm STEL	5 ppm STEL (see 29 CFR 1910.1028)
Kaolin (1332-58-7)	TWAs	Not established	Not established	Not established	10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)	15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)
Toluene (108-88-3)	TWAs	Not established	50 ppm TWA (exposure factor 4); 190 mg/m3 TWA (exposure factor 4)	192 ppm TWA; 50 mg/m3 TWA	100 ppm TWA; 375 mg/m3 TWA	200 ppm TWA
	Ceilings	200 ppm Peak; 760 mg/m3 Peak	Not established	Not established	Not established	300 ppm Ceiling
	STELs	Not established	Not established	Not established	150 ppm STEL; 560 mg/m3 STEL	Not established
	MAKs	50 ppm MAK; 190 mg/m3 MAK	Not established	Not established	Not established	Not established
Isopropyl alcohol (67-63-0)	TWAs	Not established	200 ppm TWA (exposure factor 2); 500 mg/m3 TWA (exposure factor 2)	Not established	400 ppm TWA; 980 mg/m3 TWA	400 ppm TWA; 980 mg/m3 TWA
	STELs	Not established	Not established	Not established	500 ppm STEL; 1225 mg/m3 STEL	Not established
	Ceilings	400 ppm Peak; 1000 mg/m3 Peak	Not established	Not established	Not established	Not established
	MAKs	200 ppm MAK; 500 mg/m3 MAK	Not established	Not established	Not established	Not established
Zinc oxide (1314-13-2)	TWAs	Not established	Not established	Not established	5 mg/m3 TWA (dust and fume)	5 mg/m3 TWA (fume); 15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)
	Ceilings	1 mg/m3 Peak (respirable fraction, fume)	Not established	Not established	15 mg/m3 Ceiling (dust)	Not established
	STELs	Not established	Not established	Not established	10 mg/m3 STEL (fume)	Not established
	MAKs	1 mg/m3 MAK (fume, respirable fraction)	Not established	Not established	Not established	Not established
Carbon Black (1333-86-4)	TWAs	Not established	Not established	Not established	3.5 mg/m3 TWA; 0.1 mg/m3 TWA (carbon black in presence of polycyclic aromatic hydrocarbons, as PAH)	3.5 mg/m3 TWA
Heptane (142-82-5)	TWAs	Not established	500 ppm TWA (all isomers, exposure factor 1); 2100 mg/m3 TWA (all isomers, exposure factor 1)	500 ppm TWA; 2085 mg/m3 TWA	85 ppm TWA; 350 mg/m3 TWA	500 ppm TWA; 2000 mg/m3 TWA
	Ceilings	500 ppm Peak; 2100 mg/m3 Peak	Not established	Not established	440 ppm Ceiling (15 min); 1800 mg/m3 Ceiling (15 min)	Not established

	MAKs	500 ppm MAK; 2100 mg/m ³ MAK	Not established	Not established	Not established	Not established
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8.2 Exposure controls

Engineering Measures/Controls

- Adequate ventilation systems as needed to control concentrations of airborne contaminants below applicable exposure limit values.

Personal Protective Equipment

Pictograms



Respiratory

- In case of insufficient ventilation, wear suitable respiratory equipment. Follow the OSHA respirator regulations found in 29 CFR 1910.134. Use a NIOSH/MSHA approved respirator if exposure limits are exceeded or symptoms are experienced.

Eye/Face

- Wear safety goggles.

Hands

- Wear protective gloves -neoprene, butyl or nitrile rubber with cuffs.

Skin/Body

- Where extensive dermal exposure may be expected, either a chemical suit or chemical apron will be needed.

General Industrial Hygiene Considerations

- Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Safety shower and eye wash should be available close to work areas.

Environmental Exposure Controls

- Follow best practice for site management and disposal of waste. Avoid release to the environment.

Key to abbreviations

ACGIH = American Conference of Governmental Industrial Hygiene

NIOSH = National Institute of Occupational Safety and Health

OSHA = Occupational Safety and Health Administration

MSHA = Mine Safety and Health Administration

VLCT = Valeurs limites d'exposition à court terme is the short-term exposure limit based on 15-minute exposure.

VME = Valeur Moyenne d'Exposition is the maximum permissible concentration for a work day

MAK = Maximale Arbeitsplatz Konzentration is the maximum permissible concentration

STEL = Short Term Exposure Limits are based on 15-minute exposures

STEV = Short Term Exposure Value

TLV = Threshold Limit Value determined by the American Conference of Governmental Industrial Hygienists (ACGIH)

TWAEV = Time-Weighted Average Exposure Value

TWA = Time-Weighted Averages are based on 8h/day, 40h/week exposures

Section 9 - Physical and Chemical Properties

9.1 Information on Physical and Chemical Properties

Material Description			
Physical Form	Liquid	Appearance/Description	Black flammable liquid with a hydrocarbon odor.
Color	Black	Odor	Hydrocarbon
Taste	Data lacking	Particulate Type	Not relevant
Particulate Size	Not relevant	Aerosol Type	Not relevant
Odor Threshold	Data lacking	Physical and Chemical Properties	Data lacking
General Properties			
Boiling Point	200 F(93.3333 C)	Melting Point	Data lacking
Decomposition Temperature	Data lacking	Heat of Decomposition	Data lacking

pH	Data lacking	Specific Gravity/Relative Density	0.73 Water=1
Density	6.04 lbs/gal	Bulk Density	Data lacking
Water Solubility	Negligible	Solvent Solubility	Data lacking
Viscosity	Data lacking	Explosive Properties	Classification criteria not met.
Oxidizing Properties:	Classification criteria not met.		
Volatility			
Vapor Pressure	40 mmHg (torr) @ 68 F(20 C)	Vapor Density	3.5 Air=1
Evaporation Rate	4.2 n-Butyl Acetate = 1	VOC (Wt.)	Data lacking
VOC (Vol.)	560 g/L	Volatiles (Wt.)	89 to 91
Volatiles (Vol.)	Data lacking		
Flammability			
Flash Point	15 F(-9.4444 C)	UEL	6.7 %
LEL	1 %	Autoignition	203.8 C(398.84 F)
Self-Accelerating Decomposition Temperature (SADT)	Data lacking	Heat of Combustion (ΔH_c)	Data lacking
Burning Time	Data lacking	Flame Duration	Data lacking
Flame Height	Data lacking	Flame Extension	Data lacking
Ignition Distance	Data lacking	Flammability (solid, gas)	Data lacking
Environmental			
Half-Life	Data lacking	Octanol/Water Partition coefficient	Data lacking
Coefficient of water/oil distribution	Data lacking	Bioaccumulation Factor	Data lacking
Bioconcentration Factor	Data lacking	Biochemical Oxygen Demand BOD/BOD5	Data lacking
Chemical Oxygen Demand	Data lacking	Persistence	Data lacking
Degradation	Data lacking		

9.2 Other Information

- No additional physical and chemical parameters noted.

Section 10: Stability and Reactivity

10.1 Reactivity

- No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

- Stable under normal temperatures and pressures.

10.3 Possibility of hazardous reactions

- Hazardous polymerization will not occur.

10.4 Conditions to avoid

- High temperatures, sparks, open flames and live electrical circuits.

10.5 Incompatible materials

- Oxidizing agents, strong acids.

10.6 Hazardous decomposition products

- In case of fire oxides of carbon, hydrocarbons, fumes or vapors, soot and smoke may be produced.

Section 11 - Toxicological Information

11.1 Information on toxicological effects

GHS Properties	Classification
Acute toxicity	EU/CLP • Classification criteria not met UN GHS • Classification criteria not met
Skin corrosion/Irritation	EU/CLP • Skin Irritation 2 UN GHS • Skin Irritation 2
Serious eye damage/Irritation	EU/CLP • Classification criteria not met UN GHS • Classification criteria not met
Skin sensitization	EU/CLP • Classification criteria not met UN GHS • Classification criteria not met
Respiratory sensitization	EU/CLP • Classification criteria not met UN GHS • Classification criteria not met
Aspiration Hazard	EU/CLP • Classification criteria not met UN GHS • Classification criteria not met
Carcinogenicity	EU/CLP • Classification criteria not met UN GHS • Classification criteria not met
Germ Cell Mutagenicity	EU/CLP • Classification criteria not met UN GHS • Classification criteria not met
Toxicity for Reproduction	EU/CLP • Classification criteria not met UN GHS • Classification criteria not met
STOT-SE	EU/CLP • Specific Target Organ Toxicity Single Exposure 3: Narcotic Effects UN GHS • Specific Target Organ Toxicity Single Exposure 3: Narcotic Effects
STOT-RE	EU/CLP • Classification criteria not met UN GHS • Classification criteria not met

Target Organs

- Central Nervous System (CNS)

Route(s) of entry/exposure

- Inhalation, Skin, Eye, Ingestion

Potential Health Effects

Inhalation

Acute (Immediate)

- May affect the central nervous system. Symptoms may include dizziness, drowsiness, lethargy, coma and death. Intentional concentration and inhalation of vapors of this material may lead to nervous system damage.

Chronic (Delayed)

- No data available.

Skin

Acute (Immediate)

- Causes skin irritation.

Chronic (Delayed)

- Repeated and prolonged exposure may cause dermatitis.

Eye

Acute (Immediate)

- Causes eye irritation.

Chronic (Delayed)	No data available.
Ingestion	
Acute (Immediate)	May cause irritation.
Chronic (Delayed)	No data available.
Mutagenic Effects	No effects expected.
Carcinogenic Effects	No effects expected. This product contains carbon black (encapsulated)(1333 -86-4). According to IARC "No significant exposure to carbon black is thought to occur during the use of products in which carbon black is bound to other materials, such as rubber, printing ink or paint."
Reproductive Effects	No effects expected.

Section 12 - Ecological Information

12.1 Toxicity

- Material data lacking.

12.2 Persistence and degradability

- Material data lacking.

12.3 Bioaccumulative potential

- Material data lacking.

12.4 Mobility in Soil

- Material data lacking.

12.5 Results of PBT and vPvB assessment

- PBT and vPvB assessment has not been carried out.

12.6 Other adverse effects

- No studies have been found.

12.7 Other Information

- No data is available on the adverse effects of this material on the environment. Aquatic toxicity values are expected to be in the range of 1 - 10 mg/l based upon data from components and similar products.

Section 13 - Disposal Considerations

13.1 Waste treatment methods

Product waste	Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.
Packaging waste	Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Section 14 - Transport Information

	14.1 UN number	14.2 UN proper shipping name	14.3 Transport hazard class(es)	14.4 Packing group	14.5 Environmental hazards
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DOT	UN1133	Adhesives, containing a flammable liquid	NDA	II	NDA
TDG	UN1133	ADHESIVES containing flammable liquid	3	II	Marine Pollutant
IMO/IMDG	UN1133	ADHESIVES containing flammable liquid	3	II	Marine Pollutant
IATA/ICAO	UN1133	Adhesives containing flammable liquid	3	II	Acute Aquatic Toxicity, Chronic Aquatic Toxicity

14.6 Special precautions for user • None specified.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code • This product is provided only in non -bulk containers.

Section 15 - Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

SARA Hazard Classifications • Acute, Fire

State Right To Know				
Component	CAS	MA	NJ	PA
Natural Rubber	NDA	No	No	No
Naphtha (petroleum), hydrotreated light	64742-49-0	No	No	No
Heptane	142-82-5	Yes	Yes	Yes
3-Methylhexane	589-34-4	Yes	Yes	Yes
Methylcyclohexane	108-87-2	Yes	Yes	Yes
Hexane, 2-methyl-	591-76-4	Yes	No	Yes
3-Ethylpentane	617-78-7	No	No	No
Pentane, 2,3-dimethyl-	565-59-3	Yes	Yes	Yes
Carbon Black	1333-86-4	Yes	Yes	Yes
Isopropyl alcohol	67-63-0	Yes	Yes	Yes
Sulfur	7704-34-9	Yes	Yes	Yes
Zinc oxide	1314-13-2	Yes	Yes	Yes
Benzothiazole, 2,2'-dithiobis-	120-78-5	No	No	No
Benzanilide, 2',2''-dithiobis-	135-57-9	No	No	No
Kaolin	1332-58-7	Yes	Yes	Yes
White mineral oil	8042-47-5	No	No	No
Propionic acid	79-09-4	Yes	Yes	Yes

1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	No	No	No
Stearic acid	57-11-4	No	No	No
Toluene	108-88-3	Yes	Yes	Yes
Guanidine, 1,3-diphenyl-	102-06-7	No	No	No
Benzene	71-43-2	Yes	Yes	Yes
Ethylbenzene	100-41-4	Yes	Yes	Yes

Inventory						
Component	CAS	Canada DSL	Canada NDSL	EU EINECS	EU ELNICS	TSCA
Natural Rubber	NDA	No	No	No	No	No
Naphtha (petroleum), hydrotreated light	64742-49-0	Yes	No	Yes	No	Yes
Heptane	142-82-5	Yes	No	Yes	No	Yes
3-Methylhexane	589-34-4	No	Yes	Yes	No	Yes
Methylcyclohexane	108-87-2	Yes	No	Yes	No	Yes
Hexane, 2-methyl-	591-76-4	Yes	No	Yes	No	Yes
3-Ethylpentane	617-78-7	No	No	Yes	No	No
Pentane, 2,3-dimethyl-	565-59-3	No	Yes	Yes	No	Yes
Carbon Black	1333-86-4	Yes	No	Yes	Yes	Yes
Isopropyl alcohol	67-63-0	Yes	No	Yes	No	Yes
Sulfur	7704-34-9	Yes	No	Yes	No	Yes
Zinc oxide	1314-13-2	Yes	No	Yes	No	Yes
Benzothiazole, 2,2'-dithiobis-	120-78-5	Yes	No	Yes	No	Yes
Benzanilide, 2',2''-dithiobis-	135-57-9	Yes	No	Yes	No	Yes
Kaolin	1332-58-7	Yes	No	Yes	No	Yes
White mineral oil	8042-47-5	Yes	No	Yes	No	Yes
Propionic acid	79-09-4	Yes	No	Yes	No	Yes
1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Yes	No	No	No	Yes
Stearic acid	57-11-4	Yes	No	Yes	No	Yes
Toluene	108-88-3	Yes	No	Yes	No	Yes
Guanidine, 1,3-diphenyl-	102-06-7	Yes	No	Yes	No	Yes
Benzene	71-43-2	Yes	No	Yes	No	Yes
Ethylbenzene	100-41-4	Yes	No	Yes	No	Yes

Canada

Labor

Canada - WHMIS - Classifications of Substances

• Stearic acid	57-11-4	0.12%	Uncontrolled product according to WHMIS classification criteria
• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	B2
• 3-Methylhexane	589-34-4	0% TO 30%	B2
• Hexane, 2-methyl-	591-76-4	0% TO 15%	B2
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.0665% TO 0.07%	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	7.58%	Not Listed
• Kaolin	1332-58-7	0.008% TO 0.01%	D2A
• Propionic acid	79-09-4	0.0006% TO 0.0031%	B3, D1B, E
• Carbon Black	1333-86-4	1% TO 1.5%	D2A (In certain cases, this classification does not apply. For more information, consult the section Substance Specific Issues - Carbon Black, non-respirable on Health Canada's WHMIS website.)
• Ethylbenzene	100-41-4	< 0.001%	B2, D2A, D2B
• Heptane	142-82-5	30% TO 45%	B2, D2B
• Isopropyl alcohol	67-63-0	0.1% TO 1%	B2, D2B (including 70%)
• Toluene	108-88-3	< 0.05%	B2, D2A, D2B
• Zinc oxide	1314-13-2	0.1% TO 1%	Uncontrolled product according to WHMIS classification criteria
• Zinc oxide as Zinc compounds		0.1% TO 1%	Not Listed
• Benzene	71-43-2	< 0.001%	B2, D2A, D2B
• White mineral oil	8042-47-5	0.0007% TO 0.0035%	Uncontrolled product according to WHMIS classification criteria
• Sulfur	7704-34-9	0.1% TO 1%	B4
• Guanidine, 1,3-diphenyl-	102-06-7	0.02%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.01% TO 0.012%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	B2
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed

Canada - WHMIS - Ingredient Disclosure List

• Stearic acid	57-11-4	0.12%	1 %
• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	1 %
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.0665% TO 0.07%	1 %
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	7.58%	Not Listed
• Kaolin	1332-58-7	0.008% TO 0.01%	Not Listed
• Propionic acid	79-09-4	0.0006% TO 0.0031%	1 %
• Carbon Black	1333-86-4	1% TO 1.5%	1 %
• Ethylbenzene	100-41-4	< 0.001%	0.1 %
• Heptane	142-82-5	30% TO 45%	1 %
• Isopropyl alcohol	67-63-0	0.1% TO 1%	1 %
• Toluene	108-88-3	< 0.05%	1 %
• Zinc oxide	1314-13-2	0.1% TO 1%	1 %
• Zinc oxide as Zinc compounds		0.1% TO 1%	Not Listed
• Benzene	71-43-2	< 0.001%	0.1 %
• White mineral oil	8042-47-5	0.0007% TO 0.0035%	Not Listed
• Sulfur	7704-34-9	0.1% TO 1%	Not Listed

• Guanidine, 1,3-diphenyl-	102-06-7	0.02%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.01% TO 0.012%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed

Environment

Canada - CEPA - Priority Substances List

• Stearic acid	57-11-4	0.12%	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.0665% TO 0.07%	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	7.58%	Not Listed
• Kaolin	1332-58-7	0.008% TO 0.01%	Not Listed
• Propionic acid	79-09-4	0.0006% TO 0.0031%	Not Listed
• Carbon Black	1333-86-4	1% TO 1.5%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	Not Listed
• Heptane	142-82-5	30% TO 45%	Not Listed
• Isopropyl alcohol	67-63-0	0.1% TO 1%	Not Listed
• Toluene	108-88-3	< 0.05%	Priority Substance List 1 (substance not considered toxic)
• Zinc oxide	1314-13-2	0.1% TO 1%	Not Listed
• Zinc oxide as Zinc compounds		0.1% TO 1%	Not Listed
• Benzene	71-43-2	< 0.001%	Priority Substance List 1 (substance considered toxic)
• White mineral oil	8042-47-5	0.0007% TO 0.0035%	Not Listed
• Sulfur	7704-34-9	0.1% TO 1%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.02%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.01% TO 0.012%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed

Europe

Other

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Classification

• Stearic acid	57-11-4	0.12%	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Carc.Cat.2; R45 Muta.Cat.2; R46 Xn; R65
• Methylcyclohexane	108-87-2	0% TO 20%	F; R11 Xi; R38 N; R51 R53 Xn; R65 R67
• 3-Methylhexane	589-34-4	0% TO 30%	F; R11 Xi; R38 N; R50 R53 Xn; R65 R67
• Hexane, 2-methyl-	591-76-4	0% TO 15%	F; R11 Xi; R38 N; R50 R53 Xn; R65 R67
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.0665% TO 0.07%	R31 R43 N; R50 R53
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	7.58%	Not Listed
• Kaolin	1332-58-7	0.008% TO 0.01%	Not Listed
• Propionic acid	79-09-4	0.0006% TO 0.0031%	C; R34
• Carbon Black	1333-86-4	1% TO 1.5%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	F; R11 Xn; R20
• Heptane	142-82-5	30% TO 45%	F; R11 Xi; R38 N; R50 R53 Xn; R65 R67

• Isopropyl alcohol	67-63-0	0.1% TO 1%	F; R11 Xi; R36 R67
• Toluene	108-88-3	< 0.05%	F; R11 Xi; R38 Xn; R48/20 R65 Repr.Cat.3; R63 R67
• Zinc oxide	1314-13-2	0.1% TO 1%	N; R50 R53
• Zinc oxide as Zinc compounds		0.1% TO 1%	Not Listed
• Benzene	71-43-2	< 0.001%	F; R11 Xi; R36/38 Carc.Cat.1; R45 Muta.Cat.2; R46 T; R48/23/24/25 Xn; R65
• White mineral oil	8042-47-5	0.0007% TO 0.0035%	Not Listed
• Sulfur	7704-34-9	0.1% TO 1%	Xi; R38
• Guanidine, 1,3-diphenyl-	102-06-7	0.02%	Xn; R22 Xi; R36/37/38 N; R51 R53 Repr.Cat.3; R62
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.01% TO 0.012%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	F; R11 Xi; R38 N; R50 R53 Xn; R65 R67
• 3-Ethylpentane	617-78-7	0% TO 5%	F; R11 Xi; R38 N; R50 R53 Xn; R65 R67

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Concentration Limits

• Stearic acid	57-11-4	0.12%	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.0665% TO 0.07%	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	7.58%	Not Listed
• Kaolin	1332-58-7	0.008% TO 0.01%	Not Listed
• Propionic acid	79-09-4	0.0006% TO 0.0031%	25%≤C: C; R34 10%≤C<25%: Xi; R36/37/38
• Carbon Black	1333-86-4	1% TO 1.5%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	Not Listed
• Heptane	142-82-5	30% TO 45%	Not Listed
• Isopropyl alcohol	67-63-0	0.1% TO 1%	Not Listed
• Toluene	108-88-3	< 0.05%	Not Listed
• Zinc oxide	1314-13-2	0.1% TO 1%	Not Listed
• Zinc oxide as Zinc compounds		0.1% TO 1%	Not Listed
• Benzene	71-43-2	< 0.001%	Not Listed
• White mineral oil	8042-47-5	0.0007% TO 0.0035%	Not Listed
• Sulfur	7704-34-9	0.1% TO 1%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.02%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.01% TO 0.012%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Labelling

• Stearic acid	57-11-4	0.12%	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	T R:45-46-65 S:53-45
• Methylcyclohexane	108-87-2	0% TO 20%	F Xn N R:11-38-51/53-65-67 S:(2)-9-16-33-61-62
• 3-Methylhexane	589-34-4	0% TO 30%	F Xn N R:11-38-65-67-50/53 S:(2)-9-16-29-33-60-61-62
• Hexane, 2-methyl-	591-76-4	0% TO 15%	F Xn N R:11-38-65-67-50/53 S:(2)-9-16-29-33-60-61-62
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.0665% TO 0.07%	Xi N R:31-43-50/53 S:(2)-36/37-60-61
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	7.58%	Not Listed
• Kaolin	1332-58-7	0.008% TO 0.01%	Not Listed
• Propionic acid	79-09-4	0.0006% TO 0.0031%	C R:34 S:(1/2)-23-36-45
• Carbon Black	1333-86-4	1% TO 1.5%	Not Listed

• Ethylbenzene	100-41-4	< 0.001%	F Xn R:11-20 S:(2)-16-24/25-29
• Heptane	142-82-5	30% TO 45%	F Xn N R:11-38-65-67-50/53 S:(2)-9-16-29-33-60-61-62
• Isopropyl alcohol	67-63-0	0.1% TO 1%	F Xi R:11-36-67 S:(2)-7-16-24/25-26
• Toluene	108-88-3	< 0.05%	F Xn R:11-38-48/20-63-65-67 S:(2)-36/37-46-62
• Zinc oxide	1314-13-2	0.1% TO 1%	N R:50/53 S:60-61
• Zinc oxide as Zinc compounds		0.1% TO 1%	Not Listed
• Benzene	71-43-2	< 0.001%	F T R:45-46-11-36/38-48/23/24/25-65 S:53-45
• White mineral oil	8042-47-5	0.0007% TO 0.0035%	Not Listed
• Sulfur	7704-34-9	0.1% TO 1%	Xi R:38 S:(2)-46
• Guanidine, 1,3-diphenyl-	102-06-7	0.02%	Xn N R:22-36/37/38-51/53-62 S:(2)-26-36/37/39-61
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.01% TO 0.012%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	F Xn N R:11-38-65-67-50/53 S:(2)-9-16-29-33-60-61-62
• 3-Ethylpentane	617-78-7	0% TO 5%	F Xn N R:11-38-65-67-50/53 S:(2)-9-16-29-33-60-61-62

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Notes - Substances and Preparations

• Stearic acid	57-11-4	0.12%	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	H, P
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	C
• Hexane, 2-methyl-	591-76-4	0% TO 15%	C
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.0665% TO 0.07%	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	7.58%	Not Listed
• Kaolin	1332-58-7	0.008% TO 0.01%	Not Listed
• Propionic acid	79-09-4	0.0006% TO 0.0031%	B
• Carbon Black	1333-86-4	1% TO 1.5%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	Not Listed
• Heptane	142-82-5	30% TO 45%	C
• Isopropyl alcohol	67-63-0	0.1% TO 1%	Not Listed
• Toluene	108-88-3	< 0.05%	Not Listed
• Zinc oxide	1314-13-2	0.1% TO 1%	Not Listed
• Zinc oxide as Zinc compounds		0.1% TO 1%	Not Listed
• Benzene	71-43-2	< 0.001%	E
• White mineral oil	8042-47-5	0.0007% TO 0.0035%	Not Listed
• Sulfur	7704-34-9	0.1% TO 1%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.02%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.01% TO 0.012%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	C
• 3-Ethylpentane	617-78-7	0% TO 5%	C

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Safety Phrases

• Stearic acid	57-11-4	0.12%	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	S:53-45
• Methylcyclohexane	108-87-2	0% TO 20%	S:(2)-9-16-33-61-62
• 3-Methylhexane	589-34-4	0% TO 30%	S:(2)-9-16-29-33-60-61-62
• Hexane, 2-methyl-	591-76-4	0% TO 15%	S:(2)-9-16-29-33-60-61-62
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.0665% TO 0.07%	S:(2)-36/37-60-61
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	7.58%	Not Listed
• Kaolin	1332-58-7	0.008% TO 0.01%	Not Listed
• Propionic acid	79-09-4	0.0006% TO 0.0031%	S:(1/2)-23-36-45

• Carbon Black	1333-86-4	1% TO 1.5%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	S:(2)-16-24/25-29
• Heptane	142-82-5	30% TO 45%	S:(2)-9-16-29-33-60-61-62
• Isopropyl alcohol	67-63-0	0.1% TO 1%	S:(2)-7-16-24/25-26
• Toluene	108-88-3	< 0.05%	S:(2)-36/37-46-62
• Zinc oxide	1314-13-2	0.1% TO 1%	S:60-61
• Zinc oxide as Zinc compounds		0.1% TO 1%	Not Listed
• Benzene	71-43-2	< 0.001%	S:53-45
• White mineral oil	8042-47-5	0.0007% TO 0.0035%	Not Listed
• Sulfur	7704-34-9	0.1% TO 1%	S:(2)-46
• Guanidine, 1,3-diphenyl-	102-06-7	0.02%	S:(2)-26-36/37/39-61
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.01% TO 0.012%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	S:(2)-9-16-29-33-60-61-62
• 3-Ethylpentane	617-78-7	0% TO 5%	S:(2)-9-16-29-33-60-61-62

United States

Labor

U.S. - OSHA - Process Safety Management - Highly Hazardous Chemicals

• Stearic acid	57-11-4	0.12%	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.0665% TO 0.07%	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	7.58%	Not Listed
• Kaolin	1332-58-7	0.008% TO 0.01%	Not Listed
• Propionic acid	79-09-4	0.0006% TO 0.0031%	Not Listed
• Carbon Black	1333-86-4	1% TO 1.5%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	Not Listed
• Heptane	142-82-5	30% TO 45%	Not Listed
• Isopropyl alcohol	67-63-0	0.1% TO 1%	Not Listed
• Toluene	108-88-3	< 0.05%	Not Listed
• Zinc oxide	1314-13-2	0.1% TO 1%	Not Listed
• Zinc oxide as Zinc compounds		0.1% TO 1%	Not Listed
• Benzene	71-43-2	< 0.001%	Not Listed
• White mineral oil	8042-47-5	0.0007% TO 0.0035%	Not Listed
• Sulfur	7704-34-9	0.1% TO 1%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.02%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.01% TO 0.012%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed

U.S. - OSHA - Specifically Regulated Chemicals

• Stearic acid	57-11-4	0.12%	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed

• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.0665% TO 0.07%	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	7.58%	Not Listed
• Kaolin	1332-58-7	0.008% TO 0.01%	Not Listed
• Propionic acid	79-09-4	0.0006% TO 0.0031%	Not Listed
• Carbon Black	1333-86-4	1% TO 1.5%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	Not Listed
• Heptane	142-82-5	30% TO 45%	Not Listed
• Isopropyl alcohol	67-63-0	0.1% TO 1%	Not Listed
• Toluene	108-88-3	< 0.05%	Not Listed
• Zinc oxide	1314-13-2	0.1% TO 1%	Not Listed
• Zinc oxide as Zinc compounds		0.1% TO 1%	Not Listed
• Benzene	71-43-2	< 0.001%	5 ppm STEL (Cancer hazard, Flammable, See 29 CFR 1910.1028, 15 min); 0.5 ppm Action Level; 1 ppm TWA
• White mineral oil	8042-47-5	0.0007% TO 0.0035%	Not Listed
• Sulfur	7704-34-9	0.1% TO 1%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.02%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.01% TO 0.012%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed

Environment

U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants

• Stearic acid	57-11-4	0.12%	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.0665% TO 0.07%	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	7.58%	Not Listed
• Kaolin	1332-58-7	0.008% TO 0.01%	Not Listed
• Propionic acid	79-09-4	0.0006% TO 0.0031%	Not Listed
• Carbon Black	1333-86-4	1% TO 1.5%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	
• Heptane	142-82-5	30% TO 45%	Not Listed
• Isopropyl alcohol	67-63-0	0.1% TO 1%	Not Listed
• Toluene	108-88-3	< 0.05%	
• Zinc oxide	1314-13-2	0.1% TO 1%	Not Listed
• Zinc oxide as Zinc compounds		0.1% TO 1%	Not Listed
• Benzene	71-43-2	< 0.001%	(including Benzene from gasoline)
• White mineral oil	8042-47-5	0.0007% TO 0.0035%	Not Listed
• Sulfur	7704-34-9	0.1% TO 1%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.02%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.01% TO 0.012%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed

U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities

• Stearic acid	57-11-4	0.12%	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.0665% TO 0.07%	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	7.58%	Not Listed
• Kaolin	1332-58-7	0.008% TO 0.01%	Not Listed
• Propionic acid	79-09-4	0.0006% TO 0.0031%	5000 lb final RQ; 2270 kg final RQ
• Carbon Black	1333-86-4	1% TO 1.5%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	1000 lb final RQ; 454 kg final RQ
• Heptane	142-82-5	30% TO 45%	Not Listed
• Isopropyl alcohol	67-63-0	0.1% TO 1%	Not Listed
• Toluene	108-88-3	< 0.05%	1000 lb final RQ; 454 kg final RQ
• Zinc oxide	1314-13-2	0.1% TO 1%	Not Listed
• Zinc oxide as Zinc compounds		0.1% TO 1%	Not Listed
• Benzene	71-43-2	< 0.001%	10 lb final RQ (received an adjusted RQ of 10 lbs based on potential carcinogenicity in an August 14, 1989 final rule); 4.54 kg final RQ (received an adjusted RQ of 10 lbs based on potential carcinogenicity in an August 14, 1989 final rule)
• White mineral oil	8042-47-5	0.0007% TO 0.0035%	Not Listed
• Sulfur	7704-34-9	0.1% TO 1%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.02%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.01% TO 0.012%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed

U.S. - CERCLA/SARA - Radionuclides and Their Reportable Quantities

• Stearic acid	57-11-4	0.12%	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.0665% TO 0.07%	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	7.58%	Not Listed
• Kaolin	1332-58-7	0.008% TO 0.01%	Not Listed
• Propionic acid	79-09-4	0.0006% TO 0.0031%	Not Listed
• Carbon Black	1333-86-4	1% TO 1.5%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	Not Listed
• Heptane	142-82-5	30% TO 45%	Not Listed
• Isopropyl alcohol	67-63-0	0.1% TO 1%	Not Listed
• Toluene	108-88-3	< 0.05%	Not Listed
• Zinc oxide	1314-13-2	0.1% TO 1%	Not Listed
• Zinc oxide as Zinc compounds		0.1% TO 1%	Not Listed
• Benzene	71-43-2	< 0.001%	Not Listed
• White mineral oil	8042-47-5	0.0007% TO 0.0035%	Not Listed
• Sulfur	7704-34-9	0.1% TO 1%	Not Listed

• Guanidine, 1,3-diphenyl-	102-06-7	0.02%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.01% TO 0.012%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed

U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs

• Stearic acid	57-11-4	0.12%	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.0665% TO 0.07%	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	7.58%	Not Listed
• Kaolin	1332-58-7	0.008% TO 0.01%	Not Listed
• Propionic acid	79-09-4	0.0006% TO 0.0031%	Not Listed
• Carbon Black	1333-86-4	1% TO 1.5%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	Not Listed
• Heptane	142-82-5	30% TO 45%	Not Listed
• Isopropyl alcohol	67-63-0	0.1% TO 1%	Not Listed
• Toluene	108-88-3	< 0.05%	Not Listed
• Zinc oxide	1314-13-2	0.1% TO 1%	Not Listed
• Zinc oxide as Zinc compounds		0.1% TO 1%	Not Listed
• Benzene	71-43-2	< 0.001%	Not Listed
• White mineral oil	8042-47-5	0.0007% TO 0.0035%	Not Listed
• Sulfur	7704-34-9	0.1% TO 1%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.02%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.01% TO 0.012%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed

U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs

• Stearic acid	57-11-4	0.12%	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.0665% TO 0.07%	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	7.58%	Not Listed
• Kaolin	1332-58-7	0.008% TO 0.01%	Not Listed
• Propionic acid	79-09-4	0.0006% TO 0.0031%	Not Listed
• Carbon Black	1333-86-4	1% TO 1.5%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	Not Listed
• Heptane	142-82-5	30% TO 45%	Not Listed
• Isopropyl alcohol	67-63-0	0.1% TO 1%	Not Listed
• Toluene	108-88-3	< 0.05%	Not Listed
• Zinc oxide	1314-13-2	0.1% TO 1%	Not Listed
• Zinc oxide as Zinc compounds		0.1% TO 1%	Not Listed
• Benzene	71-43-2	< 0.001%	Not Listed
• White mineral oil	8042-47-5	0.0007% TO 0.0035%	Not Listed

• Sulfur	7704-34-9	0.1% TO 1%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.02%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.01% TO 0.012%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed

U.S. - CERCLA/SARA - Section 313 - Emission Reporting

• Stearic acid	57-11-4	0.12%	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.0665% TO 0.07%	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	7.58%	Not Listed
• Kaolin	1332-58-7	0.008% TO 0.01%	Not Listed
• Propionic acid	79-09-4	0.0006% TO 0.0031%	Not Listed
• Carbon Black	1333-86-4	1% TO 1.5%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	0.1 % de minimis concentration
• Heptane	142-82-5	30% TO 45%	Not Listed
• Isopropyl alcohol	67-63-0	0.1% TO 1%	1.0 % de minimis concentration (only if manufactured by the strong acid process, no supplier notification)
• Toluene	108-88-3	< 0.05%	1.0 % de minimis concentration
• Zinc oxide	1314-13-2	0.1% TO 1%	Not Listed
• Zinc oxide as Zinc compounds		0.1% TO 1%	1.0 % de minimis concentration (Chemical Category N982)
• Benzene	71-43-2	< 0.001%	0.1 % de minimis concentration
• White mineral oil	8042-47-5	0.0007% TO 0.0035%	Not Listed
• Sulfur	7704-34-9	0.1% TO 1%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.02%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.01% TO 0.012%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed

U.S. - CERCLA/SARA - Section 313 - PBT Chemical Listing

• Stearic acid	57-11-4	0.12%	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.0665% TO 0.07%	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	7.58%	Not Listed
• Kaolin	1332-58-7	0.008% TO 0.01%	Not Listed
• Propionic acid	79-09-4	0.0006% TO 0.0031%	Not Listed
• Carbon Black	1333-86-4	1% TO 1.5%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	Not Listed
• Heptane	142-82-5	30% TO 45%	Not Listed
• Isopropyl alcohol	67-63-0	0.1% TO 1%	Not Listed
• Toluene	108-88-3	< 0.05%	Not Listed

• Zinc oxide	1314-13-2	0.1% TO 1%	Not Listed
• Zinc oxide as Zinc compounds		0.1% TO 1%	Not Listed
• Benzene	71-43-2	< 0.001%	Not Listed
• White mineral oil	8042-47-5	0.0007% TO 0.0035%	Not Listed
• Sulfur	7704-34-9	0.1% TO 1%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.02%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.01% TO 0.012%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed

U.S. - RCRA (Resource Conservation & Recovery Act) - Basis for Listing - Appendix VII

• Stearic acid	57-11-4	0.12%	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.0665% TO 0.07%	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	7.58%	Not Listed
• Kaolin	1332-58-7	0.008% TO 0.01%	Not Listed
• Propionic acid	79-09-4	0.0006% TO 0.0031%	Not Listed
• Carbon Black	1333-86-4	1% TO 1.5%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	Included in waste stream: F039
• Heptane	142-82-5	30% TO 45%	Not Listed
• Isopropyl alcohol	67-63-0	0.1% TO 1%	Not Listed
• Toluene	108-88-3	< 0.05%	Included in waste streams: F005, F024, F025, F039, K015, K036, K037, K149, K151
• Zinc oxide	1314-13-2	0.1% TO 1%	Not Listed
• Zinc oxide as Zinc compounds		0.1% TO 1%	Not Listed
• Benzene	71-43-2	< 0.001%	Included in waste streams: F005, F024, F025, F037, F038, F039, K085, K104, K105, K141, K142, K143, K144, K145, K147, K151, K159, K169, K171, K172
• White mineral oil	8042-47-5	0.0007% TO 0.0035%	Not Listed
• Sulfur	7704-34-9	0.1% TO 1%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.02%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.01% TO 0.012%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed

U.S. - RCRA (Resource Conservation & Recovery Act) - Constituents for Detection Monitoring

• Stearic acid	57-11-4	0.12%	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.0665% TO 0.07%	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	7.58%	Not Listed

• Kaolin	1332-58-7	0.008% TO 0.01%	Not Listed
• Propionic acid	79-09-4	0.0006% TO 0.0031%	Not Listed
• Carbon Black	1333-86-4	1% TO 1.5%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	
• Heptane	142-82-5	30% TO 45%	Not Listed
• Isopropyl alcohol	67-63-0	0.1% TO 1%	Not Listed
• Toluene	108-88-3	< 0.05%	
• Zinc oxide	1314-13-2	0.1% TO 1%	Not Listed
• Zinc oxide as Zinc compounds		0.1% TO 1%	Not Listed
• Benzene	71-43-2	< 0.001%	
• White mineral oil	8042-47-5	0.0007% TO 0.0035%	Not Listed
• Sulfur	7704-34-9	0.1% TO 1%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.02%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.01% TO 0.012%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed

U.S. - RCRA (Resource Conservation & Recovery Act) - D Series Wastes - Max Conc of Contaminants for the Tox Characteristic

• Stearic acid	57-11-4	0.12%	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.0665% TO 0.07%	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	7.58%	Not Listed
• Kaolin	1332-58-7	0.008% TO 0.01%	Not Listed
• Propionic acid	79-09-4	0.0006% TO 0.0031%	Not Listed
• Carbon Black	1333-86-4	1% TO 1.5%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	Not Listed
• Heptane	142-82-5	30% TO 45%	Not Listed
• Isopropyl alcohol	67-63-0	0.1% TO 1%	Not Listed
• Toluene	108-88-3	< 0.05%	Not Listed
• Zinc oxide	1314-13-2	0.1% TO 1%	Not Listed
• Zinc oxide as Zinc compounds		0.1% TO 1%	Not Listed
• Benzene	71-43-2	< 0.001%	0.5 mg/L regulatory level
• White mineral oil	8042-47-5	0.0007% TO 0.0035%	Not Listed
• Sulfur	7704-34-9	0.1% TO 1%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.02%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.01% TO 0.012%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed

U.S. - RCRA (Resource Conservation & Recovery Act) - Hazardous Constituents - Appendix VIII to 40 CFR 261

• Stearic acid	57-11-4	0.12%	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.0665% TO 0.07%	Not Listed

• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	7.58%	Not Listed
• Kaolin	1332-58-7	0.008% TO 0.01%	Not Listed
• Propionic acid	79-09-4	0.0006% TO 0.0031%	Not Listed
• Carbon Black	1333-86-4	1% TO 1.5%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	Not Listed
• Heptane	142-82-5	30% TO 45%	Not Listed
• Isopropyl alcohol	67-63-0	0.1% TO 1%	Not Listed
• Toluene	108-88-3	< 0.05%	waste number U220
• Zinc oxide	1314-13-2	0.1% TO 1%	Not Listed
• Zinc oxide as Zinc compounds		0.1% TO 1%	Not Listed
• Benzene	71-43-2	< 0.001%	waste number U019
• White mineral oil	8042-47-5	0.0007% TO 0.0035%	Not Listed
• Sulfur	7704-34-9	0.1% TO 1%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.02%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.01% TO 0.012%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed

U.S. - RCRA (Resource Conservation & Recovery Act) - List for Hazardous Constituents

• Stearic acid	57-11-4	0.12%	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.0665% TO 0.07%	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	7.58%	Not Listed
• Kaolin	1332-58-7	0.008% TO 0.01%	Not Listed
• Propionic acid	79-09-4	0.0006% TO 0.0031%	Not Listed
• Carbon Black	1333-86-4	1% TO 1.5%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	Not Listed
• Heptane	142-82-5	30% TO 45%	Not Listed
• Isopropyl alcohol	67-63-0	0.1% TO 1%	Not Listed
• Toluene	108-88-3	< 0.05%	Not Listed
• Zinc oxide	1314-13-2	0.1% TO 1%	Not Listed
• Zinc oxide as Zinc compounds		0.1% TO 1%	Not Listed
• Benzene	71-43-2	< 0.001%	Not Listed
• White mineral oil	8042-47-5	0.0007% TO 0.0035%	Not Listed
• Sulfur	7704-34-9	0.1% TO 1%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.02%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.01% TO 0.012%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed

U.S. - RCRA (Resource Conservation & Recovery Act) - Phase 4 LDR Rule - Universal Treatment Standards

• Stearic acid	57-11-4	0.12%	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed

• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.0665% TO 0.07%	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	7.58%	Not Listed
• Kaolin	1332-58-7	0.008% TO 0.01%	Not Listed
• Propionic acid	79-09-4	0.0006% TO 0.0031%	Not Listed
• Carbon Black	1333-86-4	1% TO 1.5%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	0.057 mg/L (wastewater); 10 mg/kg (nonwastewater)
• Heptane	142-82-5	30% TO 45%	Not Listed
• Isopropyl alcohol	67-63-0	0.1% TO 1%	Not Listed
• Toluene	108-88-3	< 0.05%	0.080 mg/L (wastewater); 10 mg/kg (nonwastewater)
• Zinc oxide	1314-13-2	0.1% TO 1%	Not Listed
• Zinc oxide as Zinc compounds		0.1% TO 1%	Not Listed
• Benzene	71-43-2	< 0.001%	0.14 mg/L (wastewater); 10 mg/kg (nonwastewater)
• White mineral oil	8042-47-5	0.0007% TO 0.0035%	Not Listed
• Sulfur	7704-34-9	0.1% TO 1%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.02%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.01% TO 0.012%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed

U.S. - RCRA (Resource Conservation & Recovery Act) - TSD Facilities Ground Water Monitoring

• Stearic acid	57-11-4	0.12%	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.0665% TO 0.07%	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	7.58%	Not Listed
• Kaolin	1332-58-7	0.008% TO 0.01%	Not Listed
• Propionic acid	79-09-4	0.0006% TO 0.0031%	Not Listed
• Carbon Black	1333-86-4	1% TO 1.5%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	
• Heptane	142-82-5	30% TO 45%	Not Listed
• Isopropyl alcohol	67-63-0	0.1% TO 1%	Not Listed
• Toluene	108-88-3	< 0.05%	
• Zinc oxide	1314-13-2	0.1% TO 1%	Not Listed
• Zinc oxide as Zinc compounds		0.1% TO 1%	Not Listed
• Benzene	71-43-2	< 0.001%	
• White mineral oil	8042-47-5	0.0007% TO 0.0035%	Not Listed
• Sulfur	7704-34-9	0.1% TO 1%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.02%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.01% TO 0.012%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed

U.S. - RCRA (Resource Conservation & Recovery Act) - U Series Wastes - Acutely Toxic Wastes & Other Hazardous Characteristics

• Stearic acid	57-11-4	0.12%	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed

• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.0665% TO 0.07%	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	7.58%	Not Listed
• Kaolin	1332-58-7	0.008% TO 0.01%	Not Listed
• Propionic acid	79-09-4	0.0006% TO 0.0031%	Not Listed
• Carbon Black	1333-86-4	1% TO 1.5%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	Not Listed
• Heptane	142-82-5	30% TO 45%	Not Listed
• Isopropyl alcohol	67-63-0	0.1% TO 1%	Not Listed
• Toluene	108-88-3	< 0.05%	waste number U220
• Zinc oxide	1314-13-2	0.1% TO 1%	Not Listed
• Zinc oxide as Zinc compounds		0.1% TO 1%	Not Listed
• Benzene	71-43-2	< 0.001%	waste number U019 (Ignitable waste, Toxic waste)
• White mineral oil	8042-47-5	0.0007% TO 0.0035%	Not Listed
• Sulfur	7704-34-9	0.1% TO 1%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.02%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.01% TO 0.012%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed

United States - California

Environment

U.S. - California - Proposition 65 - Carcinogens List

• Stearic acid	57-11-4	0.12%	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.0665% TO 0.07%	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	7.58%	Not Listed
• Kaolin	1332-58-7	0.008% TO 0.01%	Not Listed
• Propionic acid	79-09-4	0.0006% TO 0.0031%	Not Listed
• Carbon Black	1333-86-4	1% TO 1.5%	carcinogen, initial date 2/21/03 (airborne, unbound particles of respirable size)
• Ethylbenzene	100-41-4	< 0.001%	carcinogen, initial date 6/11/04
• Heptane	142-82-5	30% TO 45%	Not Listed
• Isopropyl alcohol	67-63-0	0.1% TO 1%	Not Listed
• Toluene	108-88-3	< 0.05%	Not Listed
• Zinc oxide	1314-13-2	0.1% TO 1%	Not Listed
• Zinc oxide as Zinc compounds		0.1% TO 1%	Not Listed
• Benzene	71-43-2	< 0.001%	carcinogen, initial date 2/27/87
• White mineral oil	8042-47-5	0.0007% TO 0.0035%	Not Listed
• Sulfur	7704-34-9	0.1% TO 1%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.02%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.01% TO 0.012%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed

U.S. - California - Proposition 65 - Developmental Toxicity

• Stearic acid	57-11-4	0.12%	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.0665% TO 0.07%	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	7.58%	Not Listed
• Kaolin	1332-58-7	0.008% TO 0.01%	Not Listed
• Propionic acid	79-09-4	0.0006% TO 0.0031%	Not Listed
• Carbon Black	1333-86-4	1% TO 1.5%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	Not Listed
• Heptane	142-82-5	30% TO 45%	Not Listed
• Isopropyl alcohol	67-63-0	0.1% TO 1%	Not Listed
• Toluene	108-88-3	< 0.05%	developmental toxicity, initial date 1/1/91
• Zinc oxide	1314-13-2	0.1% TO 1%	Not Listed
• Zinc oxide as Zinc compounds		0.1% TO 1%	Not Listed
• Benzene	71-43-2	< 0.001%	developmental toxicity, initial date 12/26/97
• White mineral oil	8042-47-5	0.0007% TO 0.0035%	Not Listed
• Sulfur	7704-34-9	0.1% TO 1%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.02%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.01% TO 0.012%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed

U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)

• Stearic acid	57-11-4	0.12%	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.0665% TO 0.07%	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	7.58%	Not Listed
• Kaolin	1332-58-7	0.008% TO 0.01%	Not Listed
• Propionic acid	79-09-4	0.0006% TO 0.0031%	Not Listed
• Carbon Black	1333-86-4	1% TO 1.5%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	Not Listed
• Heptane	142-82-5	30% TO 45%	Not Listed
• Isopropyl alcohol	67-63-0	0.1% TO 1%	Not Listed
• Toluene	108-88-3	< 0.05%	7000 µg/day MADL (level represents absorbed dose)
• Zinc oxide	1314-13-2	0.1% TO 1%	Not Listed
• Zinc oxide as Zinc compounds		0.1% TO 1%	Not Listed
• Benzene	71-43-2	< 0.001%	24 µg/day MADL (oral); 49 µg/day MADL (inhalation)
• White mineral oil	8042-47-5	0.0007% TO 0.0035%	Not Listed
• Sulfur	7704-34-9	0.1% TO 1%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.02%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.01% TO 0.012%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed

U.S. - California - Proposition 65 - No Significant Risk Levels (NSRL)

• Stearic acid	57-11-4	0.12%	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.0665% TO 0.07%	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	7.58%	Not Listed
• Kaolin	1332-58-7	0.008% TO 0.01%	Not Listed
• Propionic acid	79-09-4	0.0006% TO 0.0031%	Not Listed
• Carbon Black	1333-86-4	1% TO 1.5%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	54 µg/day NSRL (inhalation); 41 µg/day NSRL (oral)
• Heptane	142-82-5	30% TO 45%	Not Listed
• Isopropyl alcohol	67-63-0	0.1% TO 1%	Not Listed
• Toluene	108-88-3	< 0.05%	Not Listed
• Zinc oxide	1314-13-2	0.1% TO 1%	Not Listed
• Zinc oxide as Zinc compounds		0.1% TO 1%	Not Listed
• Benzene	71-43-2	< 0.001%	6.4 µg/day NSRL (oral); 13 µg/day NSRL (inhalation)
• White mineral oil	8042-47-5	0.0007% TO 0.0035%	Not Listed
• Sulfur	7704-34-9	0.1% TO 1%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.02%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.01% TO 0.012%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed

U.S. - California - Proposition 65 - Reproductive Toxicity - Female

• Stearic acid	57-11-4	0.12%	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.0665% TO 0.07%	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	7.58%	Not Listed
• Kaolin	1332-58-7	0.008% TO 0.01%	Not Listed
• Propionic acid	79-09-4	0.0006% TO 0.0031%	Not Listed
• Carbon Black	1333-86-4	1% TO 1.5%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	Not Listed
• Heptane	142-82-5	30% TO 45%	Not Listed
• Isopropyl alcohol	67-63-0	0.1% TO 1%	Not Listed
• Toluene	108-88-3	< 0.05%	female reproductive toxicity, initial date 8/7/09
• Zinc oxide	1314-13-2	0.1% TO 1%	Not Listed
• Zinc oxide as Zinc compounds		0.1% TO 1%	Not Listed
• Benzene	71-43-2	< 0.001%	Not Listed
• White mineral oil	8042-47-5	0.0007% TO 0.0035%	Not Listed
• Sulfur	7704-34-9	0.1% TO 1%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.02%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.01% TO 0.012%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed

• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed
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U.S. - California - Proposition 65 - Reproductive Toxicity - Male

• Stearic acid	57-11-4	0.12%	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.0665% TO 0.07%	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	7.58%	Not Listed
• Kaolin	1332-58-7	0.008% TO 0.01%	Not Listed
• Propionic acid	79-09-4	0.0006% TO 0.0031%	Not Listed
• Carbon Black	1333-86-4	1% TO 1.5%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	Not Listed
• Heptane	142-82-5	30% TO 45%	Not Listed
• Isopropyl alcohol	67-63-0	0.1% TO 1%	Not Listed
• Toluene	108-88-3	< 0.05%	Not Listed
• Zinc oxide	1314-13-2	0.1% TO 1%	Not Listed
• Zinc oxide as Zinc compounds		0.1% TO 1%	Not Listed
• Benzene	71-43-2	< 0.001%	male reproductive toxicity, initial date 12/26/97
• White mineral oil	8042-47-5	0.0007% TO 0.0035%	Not Listed
• Sulfur	7704-34-9	0.1% TO 1%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.02%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.01% TO 0.012%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed

United States - Pennsylvania

Labor

U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

• Stearic acid	57-11-4	0.12%	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.0665% TO 0.07%	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	7.58%	Not Listed
• Kaolin	1332-58-7	0.008% TO 0.01%	Not Listed
• Propionic acid	79-09-4	0.0006% TO 0.0031%	Not Listed
• Carbon Black	1333-86-4	1% TO 1.5%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	Not Listed
• Heptane	142-82-5	30% TO 45%	Not Listed
• Isopropyl alcohol	67-63-0	0.1% TO 1%	Not Listed
• Toluene	108-88-3	< 0.05%	Not Listed
• Zinc oxide	1314-13-2	0.1% TO 1%	(including fume)
• Zinc oxide as Zinc compounds		0.1% TO 1%	(including fume)
• Benzene	71-43-2	< 0.001%	(including fume)

• White mineral oil	8042-47-5	0.0007% TO 0.0035%	Not Listed
• Sulfur	7704-34-9	0.1% TO 1%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.02%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.01% TO 0.012%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed

U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances

• Stearic acid	57-11-4	0.12%	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.0665% TO 0.07%	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	7.58%	Not Listed
• Kaolin	1332-58-7	0.008% TO 0.01%	Not Listed
• Propionic acid	79-09-4	0.0006% TO 0.0031%	Not Listed
• Carbon Black	1333-86-4	1% TO 1.5%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	Not Listed
• Heptane	142-82-5	30% TO 45%	Not Listed
• Isopropyl alcohol	67-63-0	0.1% TO 1%	Not Listed
• Toluene	108-88-3	< 0.05%	Not Listed
• Zinc oxide	1314-13-2	0.1% TO 1%	Not Listed
• Zinc oxide as Zinc compounds		0.1% TO 1%	Not Listed
• Benzene	71-43-2	< 0.001%	
• White mineral oil	8042-47-5	0.0007% TO 0.0035%	Not Listed
• Sulfur	7704-34-9	0.1% TO 1%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.02%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.01% TO 0.012%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed

United States - Rhode Island

Labor

U.S. - Rhode Island - Hazardous Substance List

• Stearic acid	57-11-4	0.12%	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Toxic
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.0665% TO 0.07%	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	7.58%	Not Listed
• Kaolin	1332-58-7	0.008% TO 0.01%	Toxic
• Propionic acid	79-09-4	0.0006% TO 0.0031%	Toxic; Flammable
• Carbon Black	1333-86-4	1% TO 1.5%	Toxic
• Ethylbenzene	100-41-4	< 0.001%	Toxic; Flammable
• Heptane	142-82-5	30% TO 45%	Toxic; Flammable

• Isopropyl alcohol	67-63-0	0.1% TO 1%	Toxic; Flammable
• Toluene	108-88-3	< 0.05%	Toxic (skin); Flammable (skin)
• Zinc oxide	1314-13-2	0.1% TO 1%	Toxic
• Zinc oxide as Zinc compounds		0.1% TO 1%	Not Listed
• Benzene	71-43-2	< 0.001%	Toxic (skin); Flammable (skin); Carcinogen (skin)
• White mineral oil	8042-47-5	0.0007% TO 0.0035%	Not Listed
• Sulfur	7704-34-9	0.1% TO 1%	Flammable
• Guanidine, 1,3-diphenyl-	102-06-7	0.02%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.01% TO 0.012%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed

15.2 Chemical Safety Assessment

- No Chemical Safety Assessment has been carried out.

Section 16 - Other Information

Last Revision Date

- 10/May/2012

Preparation Date

- 20/November/2009

Disclaimer/Statement of Liability

- The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstance of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.

Key to abbreviations

NDA = No data available.