



Safety Data Sheet

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

1.1 Product identifier

- Product Name** • All Purpose Gum
Product Code • 15-044; 15-045; 15-046

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

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

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

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** • Not Classified - Classification criteria not met
DSD/DPD • Not Classified - Classification criteria not met

2.2 Label Elements

- CLP**
Hazard statements • No label element(s) required
DSD/DPD
Risk phrases • No label element(s) required.

2.3 Other Hazards

- CLP** • According to Regulation (EC) No. 1272/2008 (CLP) this material is not considered hazardous.

DSD/DPD

- According to European Directive 1999/45/EC this preparation is not considered dangerous.

United States (US)

According to OSHA 29 CFR 1910.1200 HCS

2.1 Classification of the substance or mixture

OSHA HCS 2012

- Skin Sensitization 1 - H317

2.2 Label elements

OSHA HCS 2012

WARNING



- Hazard statements**
- May cause an allergic skin reaction - H317

Precautionary statements

- Prevention**
- Avoid breathing dust/fume. - P261
Contaminated work clothing should not be allowed out of the workplace. - P272
Wear protective gloves and eye/face protection , . - P280
- Response**
- If on skin: Wash with plenty of water .
Specific treatment, see supplemental first aid information. - P321
If skin irritation or rash occurs: Get medical advice/attention. - P333+P313
Wash contaminated clothing before reuse. - P363

2.3 Other hazards

OSHA HCS 2012

- 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

- Other Toxic Effects - D2A
Other Toxic Effects - D2B

2.2 Label elements

WHMIS



- Other Toxic Effects - D2A
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).

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.

3.2 Mixtures

Composition					
Chemical Name	Identifiers	%	LD50/LC50	Classifications According to Regulation/Directive	Comments
Carbon Black	CAS: 1333-86-4 EC Number: 215-609-9	15% TO 40%	Ingestion/Oral-Rat LD50 • >15400 mg/kg Skin-Rabbit LD50 • >3 g/kg	EU DSD/DPD: Not Classified - Criteria not met EU CLP: Not Classified - Criteria not met OSHA HCS 2012: Carc. 2	NDA
Paraffin waxes and hydrocarbon waxes, chlorinated	CAS: 63449-39-8	7% TO 13%	Skin-Rabbit LD50 • >10 mL/kg Ingestion/Oral-Rat LD50 • 26100 mg/kg	EU DSD/DPD: Self Classified: N R50 EU CLP: Self Classified: Aquatic Acute 1, H400 OSHA HCS 2012: Eye Irrit. 2B	NDA
Styrene polymer with 1,3-butadiene (Kraton)	CAS: 9003-55-8	5% TO 10%	NDA	EU DSD/DPD: Data Lacking EU CLP: Data Lacking OSHA HCS 2012: Eye Irrit. 2B	NDA
Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	CAS: 64742-52-5 EC Number: 265-155-0	5% TO 10%	NDA	EU DSD/DPD: Annex I: Carc.Cat.2; R45 EU CLP: Annex VI: Carc. 1B, H350 OSHA HCS 2012: Skin Irrit. 2	NDA
Zinc oxide	CAS: 1314-13-2 EC Number: 215-222-5	1% TO 5%	NDA	EU DSD/DPD: Annex I: N; R50-53 EU CLP: Annex VI: Aquatic Acute 1, H400; Aquatic Chronic 1, H410 OSHA HCS 2012: Eye Irrit. 2B	NDA
Oleic acid	CAS: 112-80-1 EC Number: 204-007-1	0.5% TO 1.5%	Ingestion/Oral-Rat LD50 • 25000 mg/kg	EU DSD/DPD: Self Classified: Xi R38 EU CLP: Self Classified: Skin Irrit. 2, H315 OSHA HCS 2012: Skin Irrit. 2	NDA
Sulfur	CAS: 7704-34-9 EC Number: 231-722-6	0.1% TO 1%	NDA	EU DSD/DPD: Annex I: Xi; R38 EU CLP: Annex VI: Skin Irrit. 2; H315 OSHA HCS 2012: Eye Irrit. 2, STOT SE 3: Resp. Irrit.	NDA
Rosin	CAS: 8050-09-7 EC Number: 232-475-7	0% TO 1%	Inhalation-Rat LC50 • 110 mg/m ³ Ingestion/Oral-Rat LD50 • 3 mg/kg	EU DSD/DPD: Annex I: R43 EU CLP: Annex VI: Skin Sens. 1, H317 OSHA HCS 2012: Skin Sens. 1	NDA
Kaolin	CAS: 1332-58-7	0.1% TO 1%	NDA	EU DSD/DPD: Self Classified: Xi R36/37 EU CLP: Self Classified: Eye Irrit. 2; H319; STOT SE 3: Resp. Irrit., H335 OSHA HCS 2012: Eye Irrit. 2; STOT SE 3: Resp. Irrit.	NDA
Guanidine, 1,3-diphenyl-	CAS: 102-06-7 EC Number: 203-002-1	0% TO 1%	Ingestion/Oral-Rat LD50 • 323 mg/kg Skin-Rabbit LD50 • >794 mg/kg	EU DSD/DPD: Annex I: Xn; R22 Xi; R36/37/38 N; R51-53 Repr.Cat.3; R62 EU CLP: Annex VI: Repr. 2, H361f; Acute Tox. 4, H302; Eye Irrit. 2, H319; STOT SE 3: Resp. Irrit., H335; Skin Irrit. 2, H315; Aquatic Chronic 2, H411 OSHA HCS 2012: Eye Irrit. 2A; Acute Tox. 4 (Dermal); Acute Tox. 4 (Oral); Repr. 2	NDA

Fatty acids, tall oil	CAS: 61790-12-3 EINECS: 263-107-3	0% TO 1%	Ingestion/Oral-Rat LD50 • >10000 mg/kg	EU DSD/DPD: Data Lacking EU CLP: Data Lacking OSHA HCS 2012: Data Lacking	NDA
Calcium silicate	CAS: 1344-95-2 EINECS: 215-710-8	0% TO 1%	NDA	EU DSD/DPD: Not Classified - criteria not met EU CLP: Not Classified - criteria not met OSHA HCS 2012:	NDA
Benzothiazole, 2,2'-dithiobis-	CAS: 120-78-5 EC Number: 204-424-9	0.1% TO 1%	Ingestion/Oral-Mouse LD50 • 7 g/kg Skin-Rabbit LD50 • >7940 mg/kg	EU DSD/DPD: Annex I: R31 R43 N; R50-53 EU CLP: Annex VI: Skin Sens. 1, H317; Aquatic Acute 1, H400; Aquatic Chronic 1, H410 OSHA HCS 2012: Skin Sens. 1A; Eye Irrit. 2	NDA
Benzanilide, 2',2'''-dithiobis-	CAS: 135-57-9 EINECS: 205-201-9	0.1% TO 1%	Ingestion/Oral-Rat LD50 • >4 g/kg	EU DSD/DPD: Self Classified: R43 EU CLP: Self Classified: Skin Sens. 1, H317 OSHA HCS 2012: Eye Irrit. 2B; Skin Sens. 1	NDA
2-Benzothiazolesulfenamide, N-cyclohexyl-	CAS: 95-33-0 EC Number: 202-411-2	0.1% TO 1%	Ingestion/Oral-Rat LD50 • 5300 mg/kg Skin-Rabbit LD50 • >7940 mg/kg	EU DSD/DPD: Annex I: R43 N; R50-53 EU CLP: Annex VI: Skin Sens. 1, H317; Aquatic Acute 1, H400; Aquatic Chronic 1, H410 OSHA HCS 2012: Skin Sens. 1	NDA

Section 4 - First Aid Measures

4.1 Description of first aid measures

Inhalation

- Move victim to fresh air. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing.

Skin

- In case of contact with substance, immediately flush skin with running water for at least 20 minutes. Get medical attention if symptoms occur.

Eye

- In case of contact with substance, immediately flush eyes with running water for at least 20 minutes.

Ingestion

- First aid is not expected to be necessary if material is used under ordinary conditions and as recommended.

4.2 Most important symptoms and effects, both acute and delayed

- Refer to Section 11 - Toxicological Information.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to Physician

- All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

Section 5 - Firefighting Measures

5.1 Extinguishing media

Suitable Extinguishing Media

- LARGE FIRE: Water spray, fog or regular foam.
SMALL FIRES: Dry chemical, CO2, water spray or regular foam.

Unsuitable Extinguishing Media

- No data available.

5.2 Special hazards arising from the substance or mixture

Unusual Fire and Explosion Hazards
Hazardous Combustion Products

- Non-combustible, substance itself does not burn but may decompose upon heating to produce corrosive and/or toxic fumes.
- No data available.

5.3 Advice for firefighters

- Structural firefighters' protective clothing will only provide limited protection. Wear positive pressure self-contained breathing apparatus (SCBA).
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

- Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Avoid any skin contact.

Emergency Procedures

- No emergency procedures are expected to be necessary if material is used under ordinary conditions as recommended.

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

- Pick up pieces and place in container or bag for disposal.
For spills of molten product - allow product to cool/solidify and pick or scrape up as a solid.

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

- Wear appropriate personal protective equipment. Use only with adequate ventilation. Avoid breathing processing vapors. Avoid contact with skin and eyes. Use good safety and industrial hygiene practices.

7.2 Conditions for safe storage, including any incompatibilities

Storage

- Ventilate enclosed areas.

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	China	France
Calcium silicate (1344-95-2)	TWAs	10 mg/m3 TWA (synthetic nonfibrous, particulate matter containing no asbestos and <1% crystalline silica)	10 mg/m3 TWA (synthetic nonfibrous, containing no Asbestos and <1% Crystalline silica)	10 mg/m3 TWAEV (synthetic, containing no Asbestos and <1% Crystalline silica, total dust)	Not established	Not established

Rosin (8050-09-7)	TWAs	Not established	exposure by all routes should be carefully controlled to levels as low as possible	0.1 mg/m3 TWAEV (as Formaldehyde)	Not established	0.1 mg/m3 TWA [VME] (as Formaldehyde)
Propionic acid (79-09-4)	STELs	Not established	Not established	Not established	60 mg/m3 STEL	20 ppm STEL [VLCT] (indicative limit); 62 mg/m3 STEL [VLCT] (indicative limit)
	TWAs	10 ppm TWA	10 ppm TWA	10 ppm TWAEV; 30 mg/m3 TWAEV	30 mg/m3 TWA	10 ppm TWA [VME] (indicative limit); 31 mg/m3 TWA [VME] (indicative limit)
Kaolin (1332-58-7)	TWAs	2 mg/m3 TWA (particulate matter containing no asbestos and <1% crystalline silica, respirable fraction)	2 mg/m3 TWA (containing no Asbestos and <1% Crystalline silica, respirable)	5 mg/m3 TWAEV (containing no Asbestos and <1% Crystalline silica, respirable dust)	Not established	10 mg/m3 TWA [VME]
Polyethylene (9002-88-4)	STELs	Not established	Not established	Not established	10 mg/m3 STEL (total dust)	Not established
	TWAs	Not established	Not established	Not established	5 mg/m3 TWA (total dust)	Not established
Zinc oxide (1314-13-2)	STELs	10 mg/m3 STEL (respirable fraction)	10 mg/m3 STEL (respirable)	10 mg/m3 STEV (fume)	5 mg/m3 STEL	Not established
	TWAs	2 mg/m3 TWA (respirable fraction)	2 mg/m3 TWA (respirable)	10 mg/m3 TWAEV (containing no Asbestos and <1% Crystalline silica, total dust); 5 mg/m3 TWAEV (fume)	3 mg/m3 TWA	5 mg/m3 TWA [VME] (fume); 10 mg/m3 TWA [VME] (dust)
Carbon Black (1333-86-4)	STELs	Not established	Not established	Not established	8 mg/m3 STEL (total dust)	Not established
	TWAs	3 mg/m3 TWA (inhalable fraction)	3.5 mg/m3 TWA	3.5 mg/m3 TWAEV	4 mg/m3 TWA (total dust)	3.5 mg/m3 TWA [VME]

Exposure Limits/Guidelines (Con't.)

	Result	Germany DFG	Germany TRGS	Italy	NIOSH	OSHA
Calcium silicate (1344-95-2)	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)
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 AGW (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed, exposure factor 2); 31 mg/m3 TWA AGW (The risk of damage to the embryo or fetus can be excluded when AGW and BGW	10 ppm TWA; 31 mg/m3 TWA	10 ppm TWA; 30 mg/m3 TWA	Not established

			values are observed, exposure factor 2)			
	Ceilings	20 ppm Peak; 62 mg/m ³ Peak	Not established	Not established	Not established	Not established
	MAKs	10 ppm TWA MAK; 31 mg/m ³ TWA MAK	Not established	Not established	Not established	Not established
Kaolin (1332-58-7)	TWAs	Not established	Not established	Not established	10 mg/m ³ TWA (total dust); 5 mg/m ³ TWA (respirable dust)	15 mg/m ³ TWA (total dust); 5 mg/m ³ TWA (respirable fraction)
Zinc oxide (1314-13-2)	TWAs	Not established	Not established	Not established	5 mg/m ³ TWA (dust and fume)	5 mg/m ³ TWA (fume); 15 mg/m ³ TWA (total dust); 5 mg/m ³ TWA (respirable fraction)
	Ceilings	1 mg/m ³ Peak (respirable fraction, fume)	Not established	Not established	15 mg/m ³ Ceiling (dust)	Not established
	STELs	Not established	Not established	Not established	10 mg/m ³ STEL (fume)	Not established
	MAKs	1 mg/m ³ TWA 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/m ³ TWA; 0.1 mg/m ³ TWA (Carbon black in presence of Polycyclic aromatic hydrocarbons, as PAH)	3.5 mg/m ³ TWA

Exposure Control Notations

Italy

•Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) (64742-52-5): **Carcinogens:** (Category 2 Carcinogen)

Germany DFG

•Kaolin (1332-58-7): **Carcinogens:** (Category 3B (could be carcinogenic for man)) | **Carcinogens:** (Category 3A (could be carcinogenic for man)) | **Carcinogens:** (Category 3B (could be carcinogenic for man, inhalable fraction)) | **Carcinogens:** (Category 3B (could be carcinogenic for man)) | **Pregnancy:** (no risk to embryo/fetus if exposure limits adhered to) | **Sensitizers:** (skin sensitizer) | **Sensitizers:** (skin sensitizer)

8.2 Exposure controls

Engineering Measures/Controls

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

Personal Protective Equipment

Respiratory

- In case of insufficient ventilation, wear suitable respiratory equipment.

Eye/Face

- Wear protective eyewear (goggles, face shield, or safety glasses).

Skin/Body

- Wear appropriate gloves.

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. Do not get in eyes or on skin or clothing.

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

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

NIOSH = National Institute of Occupational Safety and Health

TWAEV = Time-Weighted Average Exposure Value

OSHA = Occupational Safety and Health Administration

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

MAK = Maximale Arbeitsplatz Konzentration is the maximum permissible concentration

Section 9 - Physical and Chemical Properties

9.1 Information on Physical and Chemical Properties

Material Description			
Physical Form	Solid	Appearance/Description	Black solid rubber with characteristic rubber odor.
Color	Black	Odor	Rubber
Odor Threshold	Data lacking		
General Properties			
Boiling Point	Data lacking	Melting Point	Data lacking
Decomposition Temperature	Data lacking	pH	Data lacking
Specific Gravity/Relative Density	1.08 to 1.14 Water=1	Water Solubility	Data lacking
Viscosity	Data lacking	Explosive Properties	Not Explosive.
Oxidizing Properties:	Not an Oxidizer.		
Volatility			
Vapor Pressure	Data lacking	Vapor Density	Data lacking
Evaporation Rate	Data lacking		
Flammability			
Flash Point	Data lacking	UEL	Data lacking
LEL	Data lacking	Autoignition	Data lacking
Flammability (solid, gas)	Not Flammable.		
Environmental			
Octanol/Water Partition coefficient	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

10.3 Possibility of hazardous reactions

- Hazardous polymerization will not occur.

10.4 Conditions to avoid

- No data available.

10.5 Incompatible materials

- None known.

10.6 Hazardous decomposition products

- Carbon Monoxide, Carbon Dioxide, Smoke, Aliphatics, Aromatics, Sulfur Oxides.

Section 11 - Toxicological Information

11.1 Information on toxicological effects

Component Name	CAS	Data
Kaolin (0.1% TO 1%)	1332-58-7	Reproductive: orl-rat TDLo:370 gm/kg (37D pre/1-22D preg)
Rosin (0% TO 1%)	8050-09-7	Acute Toxicity: orl-rat LD50:3.0 mg/kg; ihl-rat LC50:110 mg/m3
Guanidine, 1,3-diphenyl- (0% TO 1%)	102-06-7	Acute Toxicity: orl-rat LD50:323 mg/kg; skn-rbt LD50:>794 mg/kg; Reproductive: orl-mus TDLo:76 mg/kg (1-19D preg)
Carbon Black (15% TO 40%)	1333-86-4	Acute Toxicity: orl-rat LD50:>15400 mg/kg; skn-rbt LD50:>3 gm/kg; Tumorigen/Carcinogen: ihl-rat TCLo:11600 ug/m3/18H/2Y-I
Styrene polymer with 1,3-butadiene (Kraton) (5% TO 10%)	9003-55-8	Irritation: eye-rbt 500 mg/24H MLD
Fatty acids, tall oil (0% TO 1%)	61790-12-3	Acute Toxicity: orl-rat LD50:>10000 mg/kg
Zinc oxide (1% TO 5%)	1314-13-2	Irritation: eye-rbt 500 mg/24H MLD; skn-rbt 500 mg/24H MLD; Reproductive: orl-rat TDLo:6846 mg/kg (1-22D preg)
Propionic acid (0.00201% TO 0.01005%)	79-09-4	Acute Toxicity: orl-rat LD50:2600 mg/kg; skn-rbt LD50:500 uL/kg; Irritation: eye-rbt 990 ug SEV; skn-rbt 495 mg open SEV
Benzanilide, 2',2''-dithiobis- (0.1% TO 1%)	135-57-9	Acute Toxicity: orl-rat LD50:>4 gm/kg; Irritation: eye-rbt 500 mg/24H MLD
Sulfur (0.1% TO 1%)	7704-34-9	Irritation: eye-hmn 8 ppm
Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) (5% TO 10%)	64742-52-5	Irritation: skn-rbt 500 mg SEV
Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer (0.49% TO 0.5%)	26780-96-1	Reproductive: orl-rat TDLo:3400 mg/kg (6-15D preg)
Oleic acid (0.5% TO 1.5%)	112-80-1	Acute Toxicity: orl-rat LD50:25000 mg/kg; Irritation: eye-rbt 100 mg MLD; skn-hmn 15 mg/3D-I MOD

GHS Properties	Classification
Acute toxicity	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
Aspiration Hazard	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
Carcinogenicity	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
Germ Cell Mutagenicity	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
Skin corrosion/Irritation	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
Skin sensitization	EU/CLP • Skin Sensitizer 1 OSHA HCS 2012 • Skin Sensitizer 1
STOT-RE	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met

STOT-SE	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
Toxicity for Reproduction	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
Respiratory sensitization	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
Serious eye damage/Irritation	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met

Route(s) of entry/exposure • Inhalation, Skin, Eye, Ingestion

Potential Health Effects

Inhalation

Acute (Immediate)

- No adverse effects likely for general handling at room temperature. Hot processing (e.g. milling, extrusion, curing, etc.) can release fumes and other volatiles which may cause irritation.

Chronic (Delayed)

- Long term exposure to concentrated hot processing fumes has caused lung function loss and chronic bronchitis.

Skin

Acute (Immediate)

- May cause skin sensitization. Symptoms include redness, and skin rash.

Chronic (Delayed)

- No data available.

Eye

Acute (Immediate)

- No adverse effects likely for general handling at room temperature. Hot processing (e.g. milling, extrusion, curing, etc.) can release fumes and other volatiles which may cause irritation.

Chronic (Delayed)

- No data available.

Ingestion

Acute (Immediate)

- Under normal conditions of use, no health effects are expected.

Chronic (Delayed)

- No data available.

Carcinogenic Effects

- The CB4REACH Consortium has concluded that carbon black is classified as not carcinogenic. This classification is currently under review. 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."

Carcinogenic Effects		
	CAS	IARC
Carbon Black	1333-86-4	Group 2B-Possible Carcinogen
Paraffin waxes and hydrocarbon waxes, chlorinated	63449-39-8	Group 2B-Possible Carcinogen

Key to abbreviations

LD = Lethal Dose SEV = Severe
MLD = Mild TC = Toxic Concentration
MOD = Moderate TD = Toxic Dose

Section 12 - Ecological Information

12.1 Toxicity

All Purpose Gum					
Dosage	Species	Duration	Results	Exposure Conditions	Comments
= 1 mg/L	Crustacea: Daphnia Magna	48 Hour(s)	EC50	NDA	Data for Zinc Oxide
= 0.04 mg/L	Crustacea: Daphnia Magna	48 Hour(s)	NOEC	NDA	Data for Zinc Oxide
= 1.9 mg/L	Crustacea: Daphnia Magna	48 Hour(s)	EC50	NDA	Data for Naphthalene
= 1 mg/L	Crustacea: Daphnia Magna	48 Hour(s)	NOEC	NDA	Data for Naphthalene

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

- No PBT and vPvB assessment has been conducted.

12.6 Other adverse effects

- No studies have been found.

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
DOT	NDA	Not Regulated	NDA	NDA	NDA
TDG	NDA	Not Regulated	NDA	NDA	NDA
IMO/IMDG	NDA	Not Regulated	NDA	NDA	NDA
IATA/ICAO	NDA	Not Regulated	NDA	NDA	NDA

14.6 Special precautions for user

- None known.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

- Not relevant.

Section 15 - Regulatory Information

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

SARA Hazard Classifications • Acute

State Right To Know				
Component	CAS	MA	NJ	PA
Kaolin	1332-58-7	Yes	Yes	Yes
Rosin	8050-09-7	No	No	No
Guanidine, 1,3-diphenyl-	102-06-7	No	No	No
1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	No	No	No
Carbon Black	1333-86-4	Yes	Yes	Yes
Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	No	No	No
Fatty acids, tall oil	61790-12-3	No	No	No
Zinc oxide	1314-13-2	Yes	Yes	Yes
Propionic acid	79-09-4	Yes	Yes	Yes
Benzanilide, 2',2''-dithiobis-	135-57-9	No	No	No
Calcium silicate	1344-95-2	Yes	Yes	Yes
Sulfur homopolymer	9035-99-8	No	No	No
Sulfur	7704-34-9	Yes	Yes	Yes
Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	No	No	No
Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	No	No	No
Polyethylene	9002-88-4	No	No	No
Oleic acid	112-80-1	No	No	Yes
9,12-Octadecadienoic acid, (Z)-	60-33-3	No	No	No
Fatty acids, C14-C8	NDA	No	No	No
Non-hazardous ingredients below a reportable level	NDA	No	No	No
Paraffin waxes and hydrocarbon waxes, chlorinated	63449-39-8	Yes	No	No
2-Benzothiazolesulfenamide, N-cyclohexyl-	95-33-0	No	No	No
Benzothiazole, 2,2'-dithiobis-	120-78-5	No	No	No
White mineral oil	8042-47-5	No	No	No

Inventory						
Component	CAS	Canada DSL	Canada NDSL	China	EU EINECS	EU ELNICS
Kaolin	1332-58-7	Yes	No	Yes	Yes	No
Rosin	8050-09-7	Yes	No	Yes	Yes	No
Guanidine, 1,3-diphenyl-	102-06-7	Yes	No	Yes	Yes	No
1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Yes	No	Yes	No	No
Carbon Black	1333-86-4	Yes	No	Yes	Yes	Yes
Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Yes	No	Yes	No	No
Fatty acids, tall oil	61790-12-3	Yes	No	Yes	Yes	No
Zinc oxide	1314-13-2	Yes	No	Yes	Yes	No
Propionic acid	79-09-4	Yes	No	Yes	Yes	No
Benzanilide, 2',2''-dithiobis-	135-57-9	Yes	No	Yes	Yes	No
Calcium silicate	1344-95-2	Yes	No	Yes	Yes	No
Sulfur homopolymer	9035-99-8	Yes	No	Yes	No	No
Sulfur	7704-34-9	Yes	No	Yes	Yes	No
Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Yes	No	Yes	Yes	No
Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Yes	No	Yes	No	No
Polyethylene	9002-88-4	Yes	No	Yes	No	No
Oleic acid	112-80-1	Yes	No	Yes	Yes	No
9,12-Octadecadienoic acid, (Z)-	60-33-3	Yes	No	Yes	Yes	No
Fatty acids, C14-C8	NDA	No	No	No	No	No
Non-hazardous ingredients below a reportable level	NDA	No	No	No	No	No
Paraffin waxes and hydrocarbon waxes, chlorinated	63449-39-8	Yes	No	Yes	Yes	No
2-Benzothiazolesulfenamide, N-cyclohexyl-	95-33-0	Yes	No	Yes	Yes	No
Benzothiazole, 2,2'-dithiobis-	120-78-5	Yes	No	Yes	Yes	No
White mineral oil	8042-47-5	Yes	No	Yes	Yes	No
Inventory (Con't.)						
Component	CAS	Japan ENCS		Korea KECL	TSCA	
Kaolin	1332-58-7	Yes		Yes	Yes	

Rosin	8050-09-7	Yes	Yes	Yes
Guanidine, 1,3-diphenyl-	102-06-7	Yes	Yes	Yes
1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Yes	Yes	Yes
Carbon Black	1333-86-4	Yes	Yes	Yes
Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Yes	Yes	Yes
Fatty acids, tall oil	61790-12-3	Yes	Yes	Yes
Zinc oxide	1314-13-2	Yes	Yes	Yes
Propionic acid	79-09-4	Yes	Yes	Yes
Benzanilide, 2',2''-dithiobis-	135-57-9	Yes	Yes	Yes
Calcium silicate	1344-95-2	Yes	Yes	Yes
Sulfur homopolymer	9035-99-8	No	Yes	Yes
Sulfur	7704-34-9	No	Yes	Yes
Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Yes	Yes	Yes
Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Yes	Yes	Yes
Polyethylene	9002-88-4	Yes	Yes	Yes
Oleic acid	112-80-1	Yes	Yes	Yes
9,12-Octadecadienoic acid, (Z)-	60-33-3	Yes	Yes	Yes
Fatty acids, C14-C18	NDA	No	No	No
Non-hazardous ingredients below a reportable level	NDA	No	No	No
Paraffin waxes and hydrocarbon waxes, chlorinated	63449-39-8	Yes	Yes	Yes
2-Benzothiazolesulfenamide, N-cyclohexyl-	95-33-0	Yes	Yes	Yes
Benzothiazole, 2,2'-dithiobis-	120-78-5	Yes	Yes	Yes
White mineral oil	8042-47-5	Yes	Yes	Yes

Canada

Labor

Canada - WHMIS - Classifications of Substances

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	Uncontrolled product according to WHMIS classification criteria
• Calcium silicate	1344-95-2	Uncontrolled product according to WHMIS classification criteria
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed

• 2-Benzothiazolesulfenamide, N-cyclohexyl-	95-33-0	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Uncontrolled product according to WHMIS classification criteria
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Not Listed
• Kaolin	1332-58-7	D2A
• Propionic acid	79-09-4	B3, D1B, E
• Oleic acid	112-80-1	Uncontrolled product according to WHMIS classification criteria
• Rosin	8050-09-7	D2A
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs)		Not Listed
• Carbon Black	1333-86-4	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 Division website.)
• Zinc oxide	1314-13-2	Uncontrolled product according to WHMIS classification criteria
• Zinc oxide as Zinc compounds		Not Listed
• White mineral oil	8042-47-5	Uncontrolled product according to WHMIS classification criteria
• Sulfur	7704-34-9	B4
• Guanidine, 1,3-diphenyl-	102-06-7	Not Listed
• Fatty acids, tall oil	61790-12-3	Uncontrolled product according to WHMIS classification criteria
• Paraffin waxes and hydrocarbon waxes, chlorinated	63449-39-8	D2A
• Benzanilide, 2,2'''-dithiobis-	135-57-9	Not Listed
• Polyethylene	9002-88-4	Not Listed
• Sulfur homopolymer	9035-99-8	Not Listed

Canada - WHMIS - Ingredient Disclosure List

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	1 %
• Calcium silicate	1344-95-2	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• 2-Benzothiazolesulfenamide, N-cyclohexyl-	95-33-0	1 %
• Benzothiazole, 2,2'-dithiobis-	120-78-5	1 %
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Not Listed
• Kaolin	1332-58-7	Not Listed
• Propionic acid	79-09-4	1 %
• Oleic acid	112-80-1	1 %
• Rosin	8050-09-7	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs)		Not Listed
• Carbon Black	1333-86-4	1 %
• Zinc oxide	1314-13-2	1 %
• Zinc oxide as Zinc compounds		Not Listed

• White mineral oil	8042-47-5	Not Listed
• Sulfur	7704-34-9	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	Not Listed
• Fatty acids, tall oil	61790-12-3	Not Listed
• Paraffin waxes and hydrocarbon waxes, chlorinated	63449-39-8	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Polyethylene	9002-88-4	Not Listed
• Sulfur homopolymer	9035-99-8	Not Listed

Environment

Canada - CEPA - Priority Substances List

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	Not Listed
• Calcium silicate	1344-95-2	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• 2-Benzothiazolesulfenamide, N-cyclohexyl-	95-33-0	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Not Listed
• Kaolin	1332-58-7	Not Listed
• Propionic acid	79-09-4	Not Listed
• Oleic acid	112-80-1	Not Listed
• Rosin	8050-09-7	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs)		Not Listed
• Carbon Black	1333-86-4	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• Sulfur	7704-34-9	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	Not Listed

• Fatty acids, tall oil	61790-12-3	Not Listed
• Paraffin waxes and hydrocarbon waxes, chlorinated	63449-39-8	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Polyethylene	9002-88-4	Not Listed
• Sulfur homopolymer	9035-99-8	Not Listed

Europe

Other

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

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	Not Listed
• Calcium silicate	1344-95-2	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• 2-Benzothiazolesulfenamide, N-cyclohexyl-	95-33-0	R43 N; R50-53
• Benzothiazole, 2,2'-dithiobis-	120-78-5	R31 R43 N; R50-53
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Not Listed
• Kaolin	1332-58-7	Not Listed
• Propionic acid	79-09-4	C; R34
• Oleic acid	112-80-1	Not Listed
• Rosin	8050-09-7	R43
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Carc.Cat.2; R45
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs)		Not Listed
• Carbon Black	1333-86-4	Not Listed
• Zinc oxide	1314-13-2	N; R50-53
• Zinc oxide as Zinc compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• Sulfur	7704-34-9	Xi; R38
• Guanidine, 1,3-diphenyl-	102-06-7	Xn; R22 Xi; R36/37/38 N; R51-53 Repr.Cat.3; R62
• Fatty acids, tall oil	61790-12-3	Not Listed
• Paraffin waxes and hydrocarbon waxes, chlorinated	63449-39-8	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Polyethylene	9002-88-4	Not Listed
• Sulfur homopolymer	9035-99-8	Not Listed

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

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	Not Listed
• Calcium silicate	1344-95-2	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• 2-Benzothiazolesulfenamide, N-cyclohexyl-	95-33-0	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Not Listed
• Kaolin	1332-58-7	Not Listed
• Propionic acid	79-09-4	10%≤C<25%: Xi; R:36/37/38 25%≤C: C; R:34
• Oleic acid	112-80-1	Not Listed
• Rosin	8050-09-7	Not Listed

• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs)		Not Listed
• Carbon Black	1333-86-4	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• Sulfur	7704-34-9	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	Not Listed
• Fatty acids, tall oil	61790-12-3	Not Listed
• Paraffin waxes and hydrocarbon waxes, chlorinated	63449-39-8	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Polyethylene	9002-88-4	Not Listed
• Sulfur homopolymer	9035-99-8	Not Listed

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

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	Not Listed
• Calcium silicate	1344-95-2	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• 2-Benzothiazolesulfenamide, N-cyclohexyl-	95-33-0	Xi N R:43-50/53 S:(2)-24-37-60-61
• Benzothiazole, 2,2'-dithiobis-	120-78-5	Xi N R:31-43-50/53 S:(2)-36/37-60-61
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Not Listed
• Kaolin	1332-58-7	Not Listed
• Propionic acid	79-09-4	C R:34 S:(1/2)-23-36-45
• Oleic acid	112-80-1	Not Listed
• Rosin	8050-09-7	Xi R:43 S:(2)-24-37
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	T R:45 S:53-45
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs)		Not Listed
• Carbon Black	1333-86-4	Not Listed
• Zinc oxide	1314-13-2	N R:50/53 S:60-61
• Zinc oxide as Zinc compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• Sulfur	7704-34-9	Xi R:38 S:(2)-46
• Guanidine, 1,3-diphenyl-	102-06-7	Xn N R:22-36/37/38-51/53-62 S:(2)-26-36/37/39-61
• Fatty acids, tall oil	61790-12-3	Not Listed
• Paraffin waxes and hydrocarbon waxes, chlorinated	63449-39-8	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Polyethylene	9002-88-4	Not Listed
• Sulfur homopolymer	9035-99-8	Not Listed

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

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	Not Listed
• Calcium silicate	1344-95-2	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• 2-Benzothiazolesulfenamide, N-cyclohexyl-	95-33-0	Not Listed

• Benzothiazole, 2,2'-dithiobis-	120-78-5	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Not Listed
• Kaolin	1332-58-7	Not Listed
• Propionic acid	79-09-4	B
• Oleic acid	112-80-1	Not Listed
• Rosin	8050-09-7	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	L
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs)		Not Listed
• Carbon Black	1333-86-4	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• Sulfur	7704-34-9	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	Not Listed
• Fatty acids, tall oil	61790-12-3	Not Listed
• Paraffin waxes and hydrocarbon waxes, chlorinated	63449-39-8	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Polyethylene	9002-88-4	Not Listed
• Sulfur homopolymer	9035-99-8	Not Listed

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

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	Not Listed
• Calcium silicate	1344-95-2	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• 2-Benzothiazolesulfenamide, N-cyclohexyl-	95-33-0	S:(2)-24-37-60-61
• Benzothiazole, 2,2'-dithiobis-	120-78-5	S:(2)-36/37-60-61
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Not Listed
• Kaolin	1332-58-7	Not Listed
• Propionic acid	79-09-4	S:(1/2)-23-36-45
• Oleic acid	112-80-1	Not Listed
• Rosin	8050-09-7	S:(2)-24-37
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	S:53-45
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs)		Not Listed

• Carbon Black	1333-86-4	Not Listed
• Zinc oxide	1314-13-2	S:60-61
• Zinc oxide as Zinc compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• Sulfur	7704-34-9	S:(2)-46
• Guanidine, 1,3-diphenyl-	102-06-7	S:(2)-26-36/37/39-61
• Fatty acids, tall oil	61790-12-3	Not Listed
• Paraffin waxes and hydrocarbon waxes, chlorinated	63449-39-8	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Polyethylene	9002-88-4	Not Listed
• Sulfur homopolymer	9035-99-8	Not Listed

Mexico

Other

Mexico - Hazard Classifications

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	Not Listed
• Calcium silicate	1344-95-2	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• 2-Benzothiazolesulfenamide, N-cyclohexyl-	95-33-0	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Not Listed
• Kaolin	1332-58-7	Not Listed
• Propionic acid	79-09-4	Hazard Class = 8 PG = III UN1848; Hazard Class = 8 (3) PG = II (with >=90% acid by mass) UN3463
• Oleic acid	112-80-1	Not Listed
• Rosin	8050-09-7	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs)		Not Listed
• Carbon Black	1333-86-4	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• Sulfur	7704-34-9	Hazard Class = 4.1 PG = III UN1350; Hazard Class = 4.1 PG = III UN2448
• Guanidine, 1,3-diphenyl-	102-06-7	Not Listed
• Fatty acids, tall oil	61790-12-3	Not Listed
• Paraffin waxes and hydrocarbon waxes, chlorinated	63449-39-8	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Polyethylene	9002-88-4	Not Listed
• Sulfur homopolymer	9035-99-8	Not Listed

Mexico - Regulated Substances

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	Not Listed
• Calcium silicate	1344-95-2	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• 2-Benzothiazolesulfenamide, N-cyclohexyl-	95-33-0	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Not Listed
• Kaolin	1332-58-7	Not Listed

• Propionic acid	79-09-4	UN1848; UN3463 (with ≥90% acid by mass)
• Oleic acid	112-80-1	Not Listed
• Rosin	8050-09-7	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs)		Not Listed
• Carbon Black	1333-86-4	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• Sulfur	7704-34-9	UN1350; UN2448
• Guanidine, 1,3-diphenyl-	102-06-7	Not Listed
• Fatty acids, tall oil	61790-12-3	Not Listed
• Paraffin waxes and hydrocarbon waxes, chlorinated	63449-39-8	Not Listed
• Benzaniilide, 2',2''-dithiobis-	135-57-9	Not Listed
• Polyethylene	9002-88-4	Not Listed
• Sulfur homopolymer	9035-99-8	Not Listed

United States

Labor

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

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	Not Listed
• Calcium silicate	1344-95-2	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• 2-Benzothiazolesulfenamide, N-cyclohexyl-	95-33-0	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Not Listed
• Kaolin	1332-58-7	Not Listed
• Propionic acid	79-09-4	Not Listed
• Oleic acid	112-80-1	Not Listed
• Rosin	8050-09-7	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs)		Not Listed
• Carbon Black	1333-86-4	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed

• White mineral oil	8042-47-5	Not Listed
• Sulfur	7704-34-9	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	Not Listed
• Fatty acids, tall oil	61790-12-3	Not Listed
• Paraffin waxes and hydrocarbon waxes, chlorinated	63449-39-8	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Polyethylene	9002-88-4	Not Listed
• Sulfur homopolymer	9035-99-8	Not Listed
U.S. - OSHA - Specifically Regulated Chemicals		
• 9,12-Octadecadienoic acid, (Z)-	60-33-3	Not Listed
• Calcium silicate	1344-95-2	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• 2-Benzothiazolesulfenamide, N-cyclohexyl-	95-33-0	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Not Listed
• Kaolin	1332-58-7	Not Listed
• Propionic acid	79-09-4	Not Listed
• Oleic acid	112-80-1	Not Listed
• Rosin	8050-09-7	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs)		Not Listed
• Carbon Black	1333-86-4	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• Sulfur	7704-34-9	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	Not Listed

• Fatty acids, tall oil	61790-12-3	Not Listed
• Paraffin waxes and hydrocarbon waxes, chlorinated	63449-39-8	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Polyethylene	9002-88-4	Not Listed
• Sulfur homopolymer	9035-99-8	Not Listed

Environment

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

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	Not Listed
• Calcium silicate	1344-95-2	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• 2-Benzothiazolesulfenamide, N-cyclohexyl-	95-33-0	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Not Listed
• Kaolin	1332-58-7	Not Listed
• Propionic acid	79-09-4	Not Listed
• Oleic acid	112-80-1	Not Listed
• Rosin	8050-09-7	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs)		Not Listed
• Carbon Black	1333-86-4	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• Sulfur	7704-34-9	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	Not Listed
• Fatty acids, tall oil	61790-12-3	Not Listed
• Paraffin waxes and hydrocarbon waxes, chlorinated	63449-39-8	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed

• Polyethylene	9002-88-4	Not Listed
• Sulfur homopolymer	9035-99-8	Not Listed

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

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	Not Listed
• Calcium silicate	1344-95-2	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• 2-Benzothiazolesulfenamide, N-cyclohexyl-	95-33-0	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Not Listed
• Kaolin	1332-58-7	Not Listed
• Propionic acid	79-09-4	5000 lb final RQ; 2270 kg final RQ
• Oleic acid	112-80-1	Not Listed
• Rosin	8050-09-7	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs)		Not Listed
• Carbon Black	1333-86-4	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• Sulfur	7704-34-9	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	Not Listed
• Fatty acids, tall oil	61790-12-3	Not Listed
• Paraffin waxes and hydrocarbon waxes, chlorinated	63449-39-8	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Polyethylene	9002-88-4	Not Listed
• Sulfur homopolymer	9035-99-8	Not Listed

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

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	Not Listed
• Calcium silicate	1344-95-2	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• 2-Benzothiazolesulfenamide, N-cyclohexyl-	95-33-0	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Not Listed
• Kaolin	1332-58-7	Not Listed
• Propionic acid	79-09-4	Not Listed
• Oleic acid	112-80-1	Not Listed
• Rosin	8050-09-7	Not Listed

• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs)		Not Listed
• Carbon Black	1333-86-4	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• Sulfur	7704-34-9	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	Not Listed
• Fatty acids, tall oil	61790-12-3	Not Listed
• Paraffin waxes and hydrocarbon waxes, chlorinated	63449-39-8	Not Listed
• Benzanilide, 2',2''-dithiobis-	135-57-9	Not Listed
• Polyethylene	9002-88-4	Not Listed
• Sulfur homopolymer	9035-99-8	Not Listed

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

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	Not Listed
• Calcium silicate	1344-95-2	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• 2-Benzothiazolesulfenamide, N-cyclohexyl-	95-33-0	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Not Listed
• Kaolin	1332-58-7	Not Listed
• Propionic acid	79-09-4	Not Listed
• Oleic acid	112-80-1	Not Listed
• Rosin	8050-09-7	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs)		Not Listed
• Carbon Black	1333-86-4	Not Listed

• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• Sulfur	7704-34-9	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	Not Listed
• Fatty acids, tall oil	61790-12-3	Not Listed
• Paraffin waxes and hydrocarbon waxes, chlorinated	63449-39-8	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Polyethylene	9002-88-4	Not Listed
• Sulfur homopolymer	9035-99-8	Not Listed
U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs		
• 9,12-Octadecadienoic acid, (Z)-	60-33-3	Not Listed
• Calcium silicate	1344-95-2	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• 2-Benzothiazolesulfenamide, N-cyclohexyl-	95-33-0	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Not Listed
• Kaolin	1332-58-7	Not Listed
• Propionic acid	79-09-4	Not Listed
• Oleic acid	112-80-1	Not Listed
• Rosin	8050-09-7	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs)		Not Listed
• Carbon Black	1333-86-4	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed

• Sulfur	7704-34-9	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	Not Listed
• Fatty acids, tall oil	61790-12-3	Not Listed
• Paraffin waxes and hydrocarbon waxes, chlorinated	63449-39-8	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Polyethylene	9002-88-4	Not Listed
• Sulfur homopolymer	9035-99-8	Not Listed

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

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	Not Listed
• Calcium silicate	1344-95-2	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• 2-Benzothiazolesulfenamide, N-cyclohexyl-	95-33-0	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Not Listed
• Kaolin	1332-58-7	Not Listed
• Propionic acid	79-09-4	Not Listed
• Oleic acid	112-80-1	Not Listed
• Rosin	8050-09-7	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs)		Not Listed
• Carbon Black	1333-86-4	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		1.0 % de minimis concentration (Chemical Category N982)
• White mineral oil	8042-47-5	Not Listed
• Sulfur	7704-34-9	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	Not Listed
• Fatty acids, tall oil	61790-12-3	Not Listed
• Paraffin waxes and hydrocarbon waxes, chlorinated	63449-39-8	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Polyethylene	9002-88-4	Not Listed
• Sulfur homopolymer	9035-99-8	Not Listed

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

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	Not Listed
• Calcium silicate	1344-95-2	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• 2-Benzothiazolesulfenamide, N-cyclohexyl-	95-33-0	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed

• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Not Listed
• Kaolin	1332-58-7	Not Listed
• Propionic acid	79-09-4	Not Listed
• Oleic acid	112-80-1	Not Listed
• Rosin	8050-09-7	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs)		Not Listed
• Carbon Black	1333-86-4	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• Sulfur	7704-34-9	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	Not Listed
• Fatty acids, tall oil	61790-12-3	Not Listed
• Paraffin waxes and hydrocarbon waxes, chlorinated	63449-39-8	Not Listed
• Benzanilide, 2',2''-dithiobis-	135-57-9	Not Listed
• Polyethylene	9002-88-4	Not Listed
• Sulfur homopolymer	9035-99-8	Not Listed

United States - California

Environment

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

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	Not Listed
• Calcium silicate	1344-95-2	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• 2-Benzothiazolesulfenamide, N-cyclohexyl-	95-33-0	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Not Listed
• Kaolin	1332-58-7	Not Listed
• Propionic acid	79-09-4	Not Listed
• Oleic acid	112-80-1	Not Listed
• Rosin	8050-09-7	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs)		Not Listed

• Carbon Black	1333-86-4	carcinogen, initial date 2/21/03 (airborne, unbound particles of respirable size)
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• Sulfur	7704-34-9	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	Not Listed
• Fatty acids, tall oil	61790-12-3	Not Listed
• Paraffin waxes and hydrocarbon waxes, chlorinated	63449-39-8	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Polyethylene	9002-88-4	Not Listed
• Sulfur homopolymer	9035-99-8	Not Listed

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

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	Not Listed
• Calcium silicate	1344-95-2	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• 2-Benzothiazolesulfenamide, N-cyclohexyl-	95-33-0	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Not Listed
• Kaolin	1332-58-7	Not Listed
• Propionic acid	79-09-4	Not Listed
• Oleic acid	112-80-1	Not Listed
• Rosin	8050-09-7	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs)		Not Listed
• Carbon Black	1333-86-4	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• Sulfur	7704-34-9	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	Not Listed
• Fatty acids, tall oil	61790-12-3	Not Listed
• Paraffin waxes and hydrocarbon waxes, chlorinated	63449-39-8	Not Listed

• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Polyethylene	9002-88-4	Not Listed
• Sulfur homopolymer	9035-99-8	Not Listed
U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)		
• 9,12-Octadecadienoic acid, (Z)-	60-33-3	Not Listed
• Calcium silicate	1344-95-2	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• 2-Benzothiazolesulfenamide, N-cyclohexyl-	95-33-0	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Not Listed
• Kaolin	1332-58-7	Not Listed
• Propionic acid	79-09-4	Not Listed
• Oleic acid	112-80-1	Not Listed
• Rosin	8050-09-7	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs)		Not Listed
• Carbon Black	1333-86-4	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• Sulfur	7704-34-9	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	Not Listed
• Fatty acids, tall oil	61790-12-3	Not Listed
• Paraffin waxes and hydrocarbon waxes, chlorinated	63449-39-8	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Polyethylene	9002-88-4	Not Listed
• Sulfur homopolymer	9035-99-8	Not Listed

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

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	Not Listed
• Calcium silicate	1344-95-2	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• 2-Benzothiazolesulfenamide, N-cyclohexyl-	95-33-0	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Not Listed
• Kaolin	1332-58-7	Not Listed
• Propionic acid	79-09-4	Not Listed
• Oleic acid	112-80-1	Not Listed
• Rosin	8050-09-7	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs)		Not Listed
• Carbon Black	1333-86-4	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• Sulfur	7704-34-9	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	Not Listed
• Fatty acids, tall oil	61790-12-3	Not Listed
• Paraffin waxes and hydrocarbon waxes, chlorinated	63449-39-8	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Polyethylene	9002-88-4	Not Listed
• Sulfur homopolymer	9035-99-8	Not Listed

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

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	Not Listed
• Calcium silicate	1344-95-2	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed

• 2-Benzothiazolesulfenamide, N-cyclohexyl-	95-33-0	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Not Listed
• Kaolin	1332-58-7	Not Listed
• Propionic acid	79-09-4	Not Listed
• Oleic acid	112-80-1	Not Listed
• Rosin	8050-09-7	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs)		Not Listed
• Carbon Black	1333-86-4	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• Sulfur	7704-34-9	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	Not Listed
• Fatty acids, tall oil	61790-12-3	Not Listed
• Paraffin waxes and hydrocarbon waxes, chlorinated	63449-39-8	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Polyethylene	9002-88-4	Not Listed
• Sulfur homopolymer	9035-99-8	Not Listed
U.S. - California - Proposition 65 - Reproductive Toxicity - Male		
• 9,12-Octadecadienoic acid, (Z)-	60-33-3	Not Listed
• Calcium silicate	1344-95-2	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• 2-Benzothiazolesulfenamide, N-cyclohexyl-	95-33-0	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed

• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Not Listed
• Kaolin	1332-58-7	Not Listed
• Propionic acid	79-09-4	Not Listed
• Oleic acid	112-80-1	Not Listed
• Rosin	8050-09-7	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs)		Not Listed
• Carbon Black	1333-86-4	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• Sulfur	7704-34-9	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	Not Listed
• Fatty acids, tall oil	61790-12-3	Not Listed
• Paraffin waxes and hydrocarbon waxes, chlorinated	63449-39-8	Not Listed
• Benzanilide, 2',2''-dithiobis-	135-57-9	Not Listed
• Polyethylene	9002-88-4	Not Listed
• Sulfur homopolymer	9035-99-8	Not Listed

United States - Pennsylvania

Labor

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

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	Not Listed
• Calcium silicate	1344-95-2	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• 2-Benzothiazolesulfenamide, N-cyclohexyl-	95-33-0	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Not Listed
• Kaolin	1332-58-7	Not Listed

• Propionic acid	79-09-4	
• Oleic acid	112-80-1	Not Listed
• Rosin	8050-09-7	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs)		Not Listed
• Carbon Black	1333-86-4	Not Listed
• Zinc oxide	1314-13-2	(fume)
• Zinc oxide as Zinc compounds		
• White mineral oil	8042-47-5	Not Listed
• Sulfur	7704-34-9	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	Not Listed
• Fatty acids, tall oil	61790-12-3	Not Listed
• Paraffin waxes and hydrocarbon waxes, chlorinated	63449-39-8	Not Listed
• Benzanilide, 2',2''-dithiobis-	135-57-9	Not Listed
• Polyethylene	9002-88-4	Not Listed
• Sulfur homopolymer	9035-99-8	Not Listed

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

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	Not Listed
• Calcium silicate	1344-95-2	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• 2-Benzothiazolesulfenamide, N-cyclohexyl-	95-33-0	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Not Listed
• Kaolin	1332-58-7	Not Listed
• Propionic acid	79-09-4	Not Listed
• Oleic acid	112-80-1	Not Listed
• Rosin	8050-09-7	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs)		Not Listed

• Carbon Black	1333-86-4	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• Sulfur	7704-34-9	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	Not Listed
• Fatty acids, tall oil	61790-12-3	Not Listed
• Paraffin waxes and hydrocarbon waxes, chlorinated	63449-39-8	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Polyethylene	9002-88-4	Not Listed
• Sulfur homopolymer	9035-99-8	Not Listed

United States - Rhode Island

Labor

U.S. - Rhode Island - Hazardous Substance List

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	Not Listed
• Calcium silicate	1344-95-2	Toxic
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• 2-Benzothiazolesulfenamide, N-cyclohexyl-	95-33-0	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Not Listed
• Kaolin	1332-58-7	Toxic
• Propionic acid	79-09-4	Toxic; Flammable
• Oleic acid	112-80-1	Flammable
• Rosin	8050-09-7	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs)		Not Listed
• Carbon Black	1333-86-4	Toxic
• Zinc oxide	1314-13-2	Toxic
• Zinc oxide as Zinc compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• Sulfur	7704-34-9	Flammable
• Guanidine, 1,3-diphenyl-	102-06-7	Not Listed
• Fatty acids, tall oil	61790-12-3	Not Listed
• Paraffin waxes and hydrocarbon waxes, chlorinated	63449-39-8	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Polyethylene	9002-88-4	Not Listed
• Sulfur homopolymer	9035-99-8	Not Listed

15.2 Chemical Safety Assessment

- No Chemical Safety Assessment has been carried out.

15.3 Other Information

- WARNING: This product contains a chemical known to the State of California to cause cancer.

Section 16 - Other Information

Relevant Phrases (code & full text)

- H302 - Harmful if swallowed
- H315 - Causes skin irritation
- H317 - May cause an allergic skin reaction
- H319 - Causes serious eye irritation
- H335 - May cause respiratory irritation
- H350 - May cause cancer.
- H351 - Suspected of causing cancer.
- H361f - Suspected of damaging fertility.
- H400 - Very toxic to aquatic life
- H410 - Very toxic to aquatic life with long lasting effects
- H411 - Toxic to aquatic life with long lasting effects
- R22 - Harmful if swallowed.
- R36/38 - Irritating to eyes and skin.
- R36/37/38 - Irritating to eyes, respiratory system and skin.
- R38 - Irritating to skin.
- R40 - Limited evidence of a carcinogenic effect.
- R43 - May cause sensitisation by skin contact.
- R45 - May cause cancer.
- R50 - Very toxic to aquatic organisms.
- R51 - Toxic to aquatic organisms.
- R53 - May cause long-term adverse effects in the aquatic environment.
- R62 - Possible risk of impaired fertility.

Last Revision Date

- 9/September/2013

Preparation Date

- 9/September/2013

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