

Revision date 21-Dec-2023

Revision Number 1

## 1. Identification

### Product identifier

**Product Name** PTC

### Other means of identification

**Product Code(s)** 5201066

**UN number or ID number** UN3077

**Synonyms** None

### Recommended use of the chemical and restrictions on use

**Recommended use** Lubricant and sealant used for threaded connections

**Restrictions on use** Do not use on oxygen lines or in oxygen enriched atmospheres.

### Details of the supplier of the safety data sheet

#### Manufacturer Address

Bestolife Corporation  
2126 Vanco Drive  
Irving TX 75061  
855-243-9164/972-865-8961  
Telefax 214-631-3047

### Emergency telephone number

**Emergency Telephone** For chemical emergency call CHEMTREC Day & Night: +1 703-527-3887

## 2. Hazard(s) identification

### Classification

Skin sensitization	Category 1
--------------------	------------

**Appearance** Viscous semi-solid  
**Label elements**

**Physical state** Solid

**Odor** Petroleum

### **Warning**

#### **Hazard statements**

May cause an allergic skin reaction

**Precautionary Statements - Prevention**

Obtain special instructions before use

Do not handle until all safety precautions have been read and understood

Wear protective gloves, protective clothing, eye protection and face protection

Avoid breathing dust, fume, gas, mist, vapors and spray

Contaminated work clothing must not be allowed out of the workplace

**Precautionary Statements - Response**

IF exposed or concerned: Get medical advice/attention

**Skin**

IF ON SKIN: Wash with plenty of water and soap

If skin irritation or rash occurs: Get medical advice and attention

Wash contaminated clothing before reuse

**Precautionary Statements - Storage**

Store locked up

**Precautionary Statements - Disposal**

Dispose of contents and container to an approved waste disposal plant

**Other information**

May be harmful if swallowed. May be harmful in contact with skin. Harmful to aquatic life.

### 3. Composition/information on ingredients

**Substance**

Not applicable.

**Mixture**

Chemical name	CAS No	Weight-%	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
Distillates (petroleum), hydrotreated heavy paraffinic	64742-54-7	>= 50 - < 70	-	-
Distillates (petroleum), hydrotreated heavy naphthenic	64742-52-5	>= 30 - < 50	-	-
Graphite	7782-42-5	>= 10 - < 20	-	-
Tris[bis(2-ethylhexyl)dithiocarbamate-S,S'] antimony	15991-76-1	>= 1 - < 5	-	-
Talc	14807-96-6	>= 1 - < 5	-	-
Antimony, dialkyl dithiocarbamate	15890-25-2	>= 1 - < 5	-	-

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

**Additional information**

NOTE: As per Note L, the carcinogen classification does NOT apply to this preparation because the producer of "Petroleum distillates, hydrotreated heavy naphthenic" declares that it contains less than 3% DMSO extractable material by IP-346

These substance(s) are inextricably bound in the product and therefore do not contribute to a dust inhalation hazard

## 4. First-aid measures

### Description of first aid measures

<b>General advice</b>	Show this safety data sheet to the doctor in attendance. IF exposed or concerned: Get medical advice/attention.
<b>Inhalation</b>	Remove to fresh air.
<b>Eye contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
<b>Skin contact</b>	Wash with soap and water. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a physician.
<b>Ingestion</b>	Rinse mouth. Do NOT induce vomiting.
<b>Self-protection of the first aider</b>	Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section 8).

### Most important symptoms and effects, both acute and delayed

<b>Symptoms</b>	Itching. Rashes. Hives.
-----------------	-------------------------

### Indication of any immediate medical attention and special treatment needed

<b>Note to physicians</b>	May cause sensitization in susceptible persons. Treat symptomatically.
---------------------------	--

## 5. Fire-fighting measures

<b>Suitable Extinguishing Media</b>	Dry chemical, CO2, water spray or alcohol-resistant foam.
<b>Large Fire</b>	CAUTION: Use of water spray when fighting fire may be inefficient.
<b>Unsuitable extinguishing media</b>	Do not scatter spilled material with high pressure water streams.
<b>Specific hazards arising from the chemical</b>	Product is or contains a sensitizer. May cause sensitization by skin contact.
<b>Explosion data</b>	
<b>Sensitivity to mechanical impact</b>	None.
<b>Sensitivity to static discharge</b>	None.
<b>Special protective equipment and precautions for fire-fighters</b>	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

<b>Personal precautions</b>	Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.
<b>Other information</b>	Refer to protective measures listed in Sections 7 and 8.

### Methods and material for containment and cleaning up

<b>Methods for containment</b>	Prevent further leakage or spillage if safe to do so.
<b>Methods for cleaning up</b>	Use appropriate personal protective equipment (PPE). Carefully shovel or sweep up spilled

material and place in suitable container. Avoid generating dust.

## 7. Handling and storage

### Precautions for safe handling

#### Advice on safe handling

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse.

### Conditions for safe storage, including any incompatibilities

#### Storage Conditions

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labeled containers. Store in accordance with the particular national regulations.

## 8. Exposure controls/personal protection

### Control parameters

#### Exposure Limits

Chemical name	ACGIH TLV	OSHA PEL	NIOSH	
Distillates (petroleum), hydrotreated heavy paraffinic 64742-54-7	TWA: 5 mg/m³ inhalable particulate matter excluding metal working fluids, highly & severely refined	TWA: 5 mg/m³ (vacated) TWA: 5 mg/m³	IDLH: 2500 mg/m³ TWA: 5 mg/m³ STEL: 10 mg/m³	
Distillates (petroleum), hydrotreated heavy naphthenic 64742-52-5	TWA: 5 mg/m³ inhalable particulate matter excluding metal working fluids, highly & severely refined	TWA: 5 mg/m³ (vacated) TWA: 5 mg/m³	IDLH: 2500 mg/m³ TWA: 5 mg/m³ STEL: 10 mg/m³	
Graphite 7782-42-5	TWA: 2 mg/m³ respirable particulate matter all forms except graphite fibers	TWA: 15 mg/m³ total dust synthetic TWA: 5 mg/m³ respirable fraction synthetic TWA: 15 mppcf respirable dust natural (vacated) TWA: 2.5 mg/m³ respirable dust natural (vacated) TWA: 10 mg/m³ total dust synthetic (vacated) TWA: 5 mg/m³ respirable fraction synthetic TWA: 15 mppcf natural	IDLH: 1250 mg/m³ TWA: 2.5 mg/m³ natural respirable dust	
Tris[bis(2-ethylhexyl)dithiocarbamate-S,S'] antimony 15991-76-1	TWA: 0.5 mg/m³ Sb	TWA: 0.5 mg/m³ Sb (vacated) TWA: 0.5 mg/m³ Sb	IDLH: 50 mg/m³ Sb TWA: 0.5 mg/m³ Sb	
Talc 14807-96-6	TWA: 2 mg/m³ particulate matter containing no asbestos and <1% crystalline silica, respirable particulate matter	TWA: 20 mppcf if 1% Quartz or more, use Quartz limit (vacated) TWA: 2 mg/m³ respirable dust <1% Crystalline silica, containing no Asbestos TWA: 20 mppcf if 1% Quartz or more, use Quartz limit	IDLH: 1000 mg/m³ TWA: 2 mg/m³ containing no Asbestos and <1% Quartz respirable dust	
Antimony, dialkyl dithiocarbamate 15890-25-2	TWA: 0.5 mg/m³ Sb	TWA: 0.5 mg/m³ Sb (vacated) TWA: 0.5 mg/m³ Sb	IDLH: 50 mg/m³ Sb TWA: 0.5 mg/m³ Sb	
Chemical name	Alberta	British Columbia	Ontario	Quebec
Distillates (petroleum),	TWA: 5 mg/m³	TWA: 0.2 mg/m³	TWA: 5 mg/m³	TWA: 5 mg/m³

hydrotreated heavy paraffinic 64742-54-7	STEL: 10 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup>	TWA:	STEL: 10 mg/m <sup>3</sup>
Distillates (petroleum), hydrotreated heavy naphthenic 64742-52-5	TWA: 5 mg/m <sup>3</sup> STEL: 10 mg/m <sup>3</sup>	TWA: 0.2 mg/m <sup>3</sup> TWA: 1 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup> TWA:	TWA: 5 mg/m <sup>3</sup> STEL: 10 mg/m <sup>3</sup>
Graphite 7782-42-5	TWA: 2 mg/m <sup>3</sup>	TWA: 2 mg/m <sup>3</sup>	TWA: 2 mg/m <sup>3</sup>	TWA: 2 mg/m <sup>3</sup>
Tris[bis(2-ethylhexyl)dithiocarbamate-S,S'] antimony 15991-76-1	TWA: 0.5 mg/m <sup>3</sup>	TWA: 0.5 mg/m <sup>3</sup>	TWA: 0.5 mg/m <sup>3</sup>	TWA: 0.5 mg/m <sup>3</sup>
Talc 14807-96-6	TWA: 2 mg/m <sup>3</sup>	TWA: 2 mg/m <sup>3</sup>	TWA: 2 mg/m <sup>3</sup>	TWA: 2 mg/m <sup>3</sup>
Antimony, dialkyl dithiocarbamate 15890-25-2	TWA: 0.5 mg/m <sup>3</sup>	TWA: 0.5 mg/m <sup>3</sup>	TWA: 0.5 mg/m <sup>3</sup>	TWA: 0.5 mg/m <sup>3</sup>

**Other information**

These substance(s) are inextricably bound in the product and therefore do not contribute to a dust inhalation hazard

**Appropriate engineering controls****Engineering controls**

Showers  
Eyewash stations  
Ventilation systems.

**Individual protection measures, such as personal protective equipment****Eye/face protection**

Wear safety glasses with side shields (or goggles).

**Hand protection**

PPE16 - Wear chemically resistant gloves (tested to EN 374) in combination with 'basic' employee training. Wear suitable gloves.

**Skin and body protection**

Wear suitable protective clothing.

**Respiratory protection**

No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**General hygiene considerations**

Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes or clothing. Contaminated work clothing should not be allowed out of the workplace. Take off contaminated clothing and wash before reuse. Wear suitable gloves and eye/face protection.

**9. Physical and chemical properties****Information on basic physical and chemical properties**

Physical state	Solid
Appearance	Viscous semi-solid
Color	black
Odor	Petroleum
Odor threshold	

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	No data available	None known
Melting point / freezing point	No data available	None known
Initial boiling point and boiling range	No data available	None known
Flash point	>= 200 °C / 392 °F	Method ASTM D 92, Cleveland open cup Distillates (petroleum), hydrotreated heavy naphthenic
Evaporation rate		None known
Flammability		None known
Flammability Limit in Air		None known
Upper flammability or explosive limits	No data available	
Lower flammability or explosive limits	No data available	
Vapor pressure		None known
Relative vapor density	No data available	None known
Relative density	1.1	None known
Water solubility	Negligible	None known
Solubility(ies)		None known
Partition coefficient		None known
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity		None known
Dynamic viscosity		None known
<u>Other information</u>		
Explosive properties	No information available	
Oxidizing properties	No information available	
VOC content	No information available	

## 10. Stability and reactivity

Reactivity	Not classified as a reactivity hazard.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	Can react with strong oxidizing agents.
Conditions to avoid	None known based on information supplied.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	None known based on information supplied.

## 11. Toxicological information

### Information on likely routes of exposure

#### Product Information

Inhalation	Specific test data for the substance or mixture is not available.
Eye contact	Specific test data for the substance or mixture is not available.
Skin contact	May cause sensitization by skin contact. Specific test data for the substance or mixture is not available. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. (based on components). May be harmful in contact with skin.
Ingestion	May be harmful if swallowed.

### Symptoms related to the physical, chemical and toxicological characteristics

Symptoms	Itching. Rashes. Hives.
----------	-------------------------

**Acute toxicity****Numerical measures of toxicity**

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral)	3,102.10 mg/kg
ATEmix (dermal)	3,030.30 mg/kg
ATEmix (inhalation-dust/mist)	36.00 mg/l

**Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Distillates (petroleum), hydrotreated heavy paraffinic 64742-54-7	> 15 g/kg ( Rat )	> 5000 mg/kg ( Rabbit )	-
Distillates (petroleum), hydrotreated heavy naphthenic 64742-52-5	> 5000 mg/kg ( Rat )	> 5000 mg/kg ( Rabbit )	-
Graphite 7782-42-5	-	-	> 2000 mg/m <sup>3</sup> ( Rat ) 4 h
Antimony, dialkyl dithiocarbamate 15890-25-2	> 16400 mg/kg ( Rat )	> 16000 mg/kg ( Rabbit )	-

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Skin corrosion/irritation** No information available.

**Serious eye damage/eye irritation** No information available.

**Respiratory or skin sensitization** May cause an allergic skin reaction.

**Germ cell mutagenicity** No information available.

**Carcinogenicity**

NOTE: As per Note L, the carcinogen classification does NOT apply to this preparation because the producer of "Petroleum distillates, hydrotreated heavy naphthenic" declares that it contains less than 3% DMSO extractable material by IP-346

These substance(s) are inextricably bound in the product and therefore do not contribute to a dust inhalation hazard

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	ACGIH	IARC	NTP	OSHA
Distillates (petroleum), hydrotreated heavy paraffinic 64742-54-7	A2	Group 1	Known	X
Distillates (petroleum), hydrotreated heavy naphthenic 64742-52-5	A2	Group 1	Known	X
Talc 14807-96-6	-	Group 3	-	X

**Legend**

**ACGIH (American Conference of Governmental Industrial Hygienists)**

A2 - Suspected Human Carcinogen

**IARC (International Agency for Research on Cancer)**

Group 1 - Carcinogenic to Humans

Group 3 - Not Classifiable as to Carcinogenicity in Humans

**NTP (National Toxicology Program)**

Known - Known Carcinogen

**OSHA (Occupational Safety and Health Administration of the US Department of Labor)**

X - Present

<b>Reproductive toxicity</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Target organ effects</b>	Respiratory system, Eyes, Skin, Central Vascular System (CVS).
<b>Aspiration hazard</b>	No information available.

## 12. Ecological information

**Ecotoxicity** Harmful to aquatic life with long lasting effects.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Distillates (petroleum), hydrotreated heavy paraffinic 64742-54-7	-	LC50: >5000mg/L (96h, Oncorhynchus mykiss)	-	EC50: >1000mg/L (48h, Daphnia magna)
Distillates (petroleum), hydrotreated heavy naphthenic 64742-52-5	-	LC50: >5000mg/L (96h, Oncorhynchus mykiss)	-	EC50: >1000mg/L (48h, Daphnia magna)
Graphite 7782-42-5	-	LC50: >100mg/L (96h, Danio rerio)	-	-
Talc 14807-96-6	-	LC50: >100g/L (96h, Brachydanio rerio)	-	-

### Persistence and degradability

**Bioaccumulation** There is no data for this product.

### Mobility in soil

**Other adverse effects** No information available.

## 13. Disposal considerations

### Disposal methods

#### Waste from residues/unused products

Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

#### Contaminated packaging

Do not reuse empty containers. Empty containers should be taken to an approved waste handling site for recycling or disposal.



**California waste information**

This product contains one or more substances that are listed with the State of California as a hazardous waste.

**14. Transport information****Remarks**

DG for domestic (ground) transport applies to containers over 119 gallons or 450 litres.

IMDG Clause 2.10.2.7 / IATA Special Provision A197: Marine pollutants or dangerous goods packaged in single or combination packages containing a net quantity per single or inner package of 5 L or less for liquids or 5 kg for solids are not subject to any other transport regulations, provided the packaging meets general provisions.

**DOT**

**UN number or ID number** UN3077  
**Proper shipping name** Environmentally hazardous substance, solid, n.o.s.  
**Transport hazard class(es)** 9  
**Packing group** III  
**DOT Marine Pollutant** NP  
**Marine pollutant** Tris[bis(2-ethylhexyl)dithiocarbamate-S,S'] antimony, Antimony, dialkyl dithiocarbamate  
**Description** UN3077, Environmentally hazardous substance, solid, n.o.s.  
 (Tris[bis(2-ethylhexyl)dithiocarbamate-S,S'] antimony, Antimony, dialkyl dithiocarbamate), 9, III, Marine pollutant  
**Special Provisions** 8, 146, 335, 384, 441, A112, B54, B120, IB8, IP3, N20, N91, T1, TP33  
**Emergency Response Guide Number** 171

**TDG**

**UN number or ID number** UN3077  
**UN proper shipping name** Environmentally hazardous substance, solid, n.o.s.  
**Transport hazard class(es)** 9  
**Packing group** III  
**Special Provisions** 16, 99  
**Marine pollutant name** Tris[bis(2-ethylhexyl)dithiocarbamate-S,S'] antimony, Antimony, dialkyl dithiocarbamate.  
**Description** UN3077, Environmentally hazardous substance, solid, n.o.s.  
 (Tris[bis(2-ethylhexyl)dithiocarbamate-S,S'] antimony, Antimony, dialkyl dithiocarbamate), 9, III

**MEX**

**UN number or ID number** UN3077  
**UN proper shipping name** Environmentally hazardous substance, solid, n.o.s.  
**Transport hazard class(es)** 9  
**Packing group** III  
**Description** UN3077, Environmentally hazardous substance, solid, n.o.s.  
 (Tris[bis(2-ethylhexyl)dithiocarbamate-S,S'] antimony, Antimony, dialkyl dithiocarbamate), 9, III  
**Special Provisions** 274, 331, 335

**ICAO (air)**

**UN number or ID number** UN3077  
**UN proper shipping name** Environmentally hazardous substance, solid, n.o.s.  
**Transport hazard class(es)** 9  
**Packing group** III  
**Description** UN3077, Environmentally hazardous substance, solid, n.o.s.  
 (Tris[bis(2-ethylhexyl)dithiocarbamate-S,S'] antimony, Antimony, dialkyl dithiocarbamate), 9, III  
**Special Provisions** A97, A158, A179, A197, A215

**IATA**

**UN number or ID number** UN3077  
**UN proper shipping name** Environmentally hazardous substance, solid, n.o.s.  
**Transport hazard class(es)** 9  
**Packing group** III

<b>ERG Code</b>	9L
<b>Special Provisions</b>	A97, A158, A179, A197, A215
<b>Description</b>	UN3077, Environmentally hazardous substance, solid, n.o.s. (Tris[bis(2-ethylhexyl)dithiocarbamate-S,S'] antimony, Antimony, dialkyl dithiocarbamate), 9, III
<b>IMDG</b>	
<b>UN number or ID number</b>	UN3077
<b>UN proper shipping name</b>	Environmentally hazardous substance, solid, n.o.s.
<b>Transport hazard class(es)</b>	9
<b>Packing group</b>	III
<b>EmS-No</b>	F-A, S-F
<b>Special Provisions</b>	274, 335, 966, 967, 969
<b>Marine pollutant</b>	P
<b>Description</b>	UN3077, Environmentally hazardous substance, solid, n.o.s. (Tris[bis(2-ethylhexyl)dithiocarbamate-S,S'] antimony, Antimony, dialkyl dithiocarbamate), 9, III, Marine pollutant
<b>RID</b>	
<b>UN number or ID number</b>	UN3077
<b>UN proper shipping name</b>	Environmentally hazardous substance, solid, n.o.s.
<b>Transport hazard class(es)</b>	9
<b>Packing group</b>	III
<b>Classification code</b>	M7
<b>Special Provisions</b>	274, 335, 375, 601
<b>Description</b>	UN3077, Environmentally hazardous substance, solid, n.o.s. (Tris[bis(2-ethylhexyl)dithiocarbamate-S,S'] antimony, Antimony, dialkyl dithiocarbamate), 9, III
<b>ADR</b>	
<b>UN number or ID number</b>	UN3077
<b>UN proper shipping name</b>	Environmentally hazardous substance, solid, n.o.s.
<b>Transport hazard class(es)</b>	9
<b>Packing group</b>	III
<b>Classification code</b>	M7
<b>Tunnel restriction code</b>	(-)
<b>Special Provisions</b>	274, 335, 601, 375
<b>Description</b>	UN3077, Environmentally hazardous substance, solid, n.o.s. (Tris[bis(2-ethylhexyl)dithiocarbamate-S,S'] antimony, Antimony, dialkyl dithiocarbamate), 9, III, (-)
<b>ADN</b>	
<b>UN number or ID number</b>	UN3077
<b>UN proper shipping name</b>	Environmentally hazardous substance, solid, n.o.s.
<b>Transport hazard class(es)</b>	9
<b>Packing group</b>	III
<b>Classification code</b>	M7
<b>Special Provisions</b>	274, 335, 375, 601
<b>Description</b>	UN3077, Environmentally hazardous substance, solid, n.o.s. (Tris[bis(2-ethylhexyl)dithiocarbamate-S,S'] antimony, Antimony, dialkyl dithiocarbamate), 9, III
<b>Equipment Requirements</b>	A, PP

## 15. Regulatory information

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

#### International Regulations

The Montreal Protocol on Substances that Deplete the Ozone Layer Not applicable

The Stockholm Convention on Persistent Organic Pollutants Not applicable

The Rotterdam Convention Not applicable

**International Inventories****TSCA**

All chemical substances in this product are either listed on the TSCA Inventory or are in compliance with a TSCA Inventory exemption.

Chemical name	CAS No	Inventory Listing Status	Commercial Activity Designation
Distillates (petroleum), hydrotreated heavy paraffinic	64742-54-7	Present	Active
Distillates (petroleum), hydrotreated heavy naphthenic	64742-52-5	Present	Active
Graphite	7782-42-5	Present	Active
Hydroxystearate sebacate lithium complexes	68815-49-6	Present	Active
Dilithium azelate	38900-29-7	Present	Active
Polytetrafluoroethylene	9002-84-0	Present	Active
Water	7732-18-5	Present	Active
Tris[bis(2-ethylhexyl)dithiocarbamate-S,S'] antimony	15991-76-1	Present	Active
Talc	14807-96-6	Present	Active
Antimony, dialkyl dithiocarbamate	15890-25-2	Present	Active
Dolomite	16389-88-1	Present	Active
2,5-Bis(octyldithio)-1,3,4-thiadiazole	13539-13-4	Present	Active
Diocetyl disulphide	822-27-5	Present	Inactive
Alkenyl ester sulfide	NOCAS	-	Unknown *
Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts	68649-42-3	Present	Active
Zinc dialkyldithiophosphate	69993-19-7	-	Unknown *
Lubricating oils (petroleum), hydrotreated spent	64742-58-1	Present	Active
Benzenesulphonic acid, propenated, calcium salts, overbased	68610-84-4	Present	Active
Distillates (petroleum), solvent-dewaxed heavy paraffinic	64742-65-0	Present	Active
Distillates (petroleum), solvent-refined light paraffinic	64741-89-5	Present	Active
Polyisobutylene	9003-27-4	Present	Active
Quartz	14808-60-7	Present	Active
Hydrogen sulfide	7783-06-4	Present	Active
Rubber, natural	9006-04-6	-	Unknown *
Ammonia	7664-41-7	Present	Active
Polybutene	9003-29-6	Present	Active
Magnesium oxide	1309-48-4	Present	Active

\*Contact supplier for details. One or more substances in this product are either not listed on the US TSCA inventory, listed on the confidential US TSCA inventory or are otherwise exempted from inventory listing requirements

**DSL/NDL****EINECS/ELINCS****ENCS****IECSC****KECL****PICCS****AIIC****NZIoC**

All components of this product are on the Canadian DSL.

Contact supplier for inventory compliance status.

Contact supplier for inventory compliance status.

Contact supplier for inventory compliance status.

Contact supplier for inventory compliance status.

Contact supplier for inventory compliance status.

All components are listed on AICIS, or are exempt.

Contact supplier for inventory compliance status.

**Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**IECSC** - China Inventory of Existing Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AIIC** - Australian Inventory of Industrial Chemicals  
**NZIoC** - New Zealand Inventory of Chemicals

### US Federal Regulations

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

Chemical name	SARA 313 - Threshold Values %
Tris[bis(2-ethylhexyl)dithiocarbamate-S,S'] antimony - 15991-76-1	1.0
Antimony, dialkyl dithiocarbamate - 15890-25-2	1.0

#### **SARA 311/312 Hazard Categories**

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

#### **CWA (Clean Water Act)**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Tris[bis(2-ethylhexyl)dithiocarbamate-S,S'] antimony 15991-76-1	-	X	-	-
Antimony, dialkyl dithiocarbamate 15890-25-2	-	X	-	-

#### **CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

### US State Regulations

#### **California Proposition 65**

This product contains the following Proposition 65 chemicals:

Chemical name	California Proposition 65
Quartz - 14808-60-7	Carcinogen

### U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
Distillates (petroleum), hydrotreated heavy paraffinic 64742-54-7	X	X	X
Distillates (petroleum), hydrotreated heavy naphthenic 64742-52-5	X	X	X
Graphite 7782-42-5	X	X	X
Polytetrafluoroethylene 9002-84-0	-	-	X
Water	-	-	X

7732-18-5			
Tris[bis(2-ethylhexyl)dithiocarbamate-S,S'] antimony 15991-76-1	X	-	X
Talc 14807-96-6	X	X	X
Antimony, dialkyl dithiocarbamate 15890-25-2	X	-	X
Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts 68649-42-3	X	-	X
Distillates (petroleum), solvent-dewaxed heavy paraffinic 64742-65-0	X	X	X
Distillates (petroleum), solvent-refined light paraffinic 64741-89-5	-	X	-
Quartz 14808-60-7	X	X	X
Hydrogen sulfide 7783-06-4	X	X	X
Ammonia 7664-41-7	X	X	X
Magnesium oxide 1309-48-4	X	X	X

**U.S. EPA Label Information**

EPA Pesticide Registration Number Not applicable

**16. Other information**

<b>NFPA</b>	<b>Health hazards</b> 2	<b>Flammability</b> 1	<b>Instability</b> 0	<b>Special hazards</b> -
<b>HMIS</b>	<b>Health hazards</b> 2 *	<b>Flammability</b> 1	<b>Physical hazards</b> 0	<b>Personal protection</b> X

**Key or legend to abbreviations and acronyms used in the safety data sheet**

Legend Section 8: Exposure controls/personal protection

TWA TWA (time-weighted average)

Ceiling Maximum limit value

STEL

\*

STEL (Short Term Exposure Limit)

Skin designation

**Key literature references and sources for data used to compile the SDS**

Agency for Toxic Substances and Disease Registry (ATSDR)

U.S. Environmental Protection Agency ChemView Database

European Food Safety Authority (EFSA)

EPA (Environmental Protection Agency)

Acute Exposure Guideline Level(s) (AEGL(s))

U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act

U.S. Environmental Protection Agency High Production Volume Chemicals

Food Research Journal

Hazardous Substance Database

International Uniform Chemical Information Database (IUCLID)

National Institute of Technology and Evaluation (NITE)

Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)

NIOSH (National Institute for Occupational Safety and Health)

National Library of Medicine's ChemID Plus (NLM CIP)

National Library of Medicine's PubMed database (NLM PUBMED)

National Toxicology Program (NTP)

---

New Zealand's Chemical Classification and Information Database (CCID)  
Organization for Economic Co-operation and Development Environment, Health, and Safety Publications  
Organization for Economic Co-operation and Development High Production Volume Chemicals Program  
Organization for Economic Co-operation and Development Screening Information Data Set  
World Health Organization

Revision date 21-Dec-2023

**Revision Note**

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**