



SAFETY DATA SHEET

Section 1: Identification of the substance/mixture and of the company/undertaking

Product identifier

Trade name or designation of the mixture Primary Chaincase Lubricant

Product code 96920

SDS number 6659

Registration number -

Synonyms None.

Date of first issue 27-January-2010

Version number 2,0

Revision date 24-January-2012

Supersedes date 11-January-2012

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

Identified uses Not available.

Uses advised against None known.

Details of the supplier of the safety data sheet

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Europe Emergency: 112

Section 2: Hazards identification

Classification of the substance or mixture

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

Classification according to Directive 67/548/EEC or 1999/45/EC as amended

This preparation does not meet the criteria for classification according to Directive 1999/45/EC as amended.

Classification according to Regulation (EC) No 1272/2008 as amended

Health hazards

Skin corrosion/irritation	Category 2	Causes skin irritation.
Serious eye damage/eye irritation	Category 2	Causes serious eye irritation.
Skin sensitisation	Category 1	May cause an allergic skin reaction.

Hazard summary

Physical hazards Not classified for physical hazards.

Health hazards Not classified for health hazards. However, occupational exposure to the mixture or substance(s) may cause adverse health effects.

Environmental hazards Not classified for hazards to the environment.

Specific hazards Not available.

Main symptoms Irritation of eyes and mucous membranes. Sensitisation.

Label elements

Label according to Regulation (EC) No. 1272/2008 as amended

Contains: Amines, C12-14-tert-alkyl, compds. with 2(3H)-benzothiazolethione



Signal word Warning

Hazard statements Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation.

Precautionary statements

Prevention Keep out of reach of children. Read label before use. Avoid breathing mist or vapour. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear eye/face protection. Wear protective gloves.

Response If medical advice is needed, have product container or label at hand. IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Specific treatment (see on this label). If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Wash contaminated clothing before reuse.

Storage Not available.

Disposal Dispose of contents/container in accordance with local/regional/national/international regulations.

Supplemental label information Not applicable.

Other hazards Not assigned.

Section 3: Composition/information on ingredients

Mixture

General information

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	INDEX No.	Notes
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Distillates (petroleum), hydrotreated heavy naphthenic	0 - < 100	64742-52-5 265-155-0	-	649-465-00-7	#
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Classification: **DSD:** -
CLP: -

Distillates (petroleum), hydrotreated heavy paraffinic	0 - < 100	64742-54-7 265-157-1	-	649-467-00-8	#
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Classification: **DSD:** -
CLP: -

Distillates (petroleum), hydrotreated light paraffinic	0 - < 100	64742-55-8 265-158-7	-	649-468-00-3	#
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Classification: **DSD:** -
CLP: -

Distillates (petroleum), solvent-refined heavy paraffinic	0 - < 100	64741-88-4 265-090-8	-	649-454-00-7	#
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Classification: **DSD:** -
CLP: -

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	INDEX No.	Notes
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Antimony, Tris(dipentylcarbamodithioato)	1 - < 3	15890-25-2 240-028-2	-	051-003-00-9	#
Classification:	DSD:	Xn;R20/22, N;R51/53			
	CLP:	Acute Tox. 4;H302, Acute Tox. 4;H332, Aquatic Chronic 2;H411			

Other components below reportable levels 5 - < 10

CLP: Regulation No. 1272/2008.
DSD: Directive 67/548/EEC.
#: This substance has workplace exposure limit(s).
PBT: persistent, bioaccumulative and toxic substance.
vPvB: very persistent and very bioaccumulative substance.

Composition comments The full text for all R- and H-phrases is displayed in section 16.

Section 4: First aid measures

General information Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Call a physician if symptoms develop or persist. Wash contaminated clothing before reuse.

Description of first aid measures

Inhalation	Move to fresh air. Call a physician if symptoms develop or persist.
Skin contact	Remove contaminated clothing. Wash off with soap and plenty of water. For minor skin contact, avoid spreading material on unaffected skin. If skin irritation occurs: Get medical advice/attention.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
Ingestion	Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. Do not induce vomiting. Never give liquid to an unconscious person.

Most important symptoms and effects, both acute and delayed Irritation of eyes and mucous membranes. Irritant effects. May cause allergic skin reaction.

Indication of any immediate medical attention and special treatment needed Not available.

Section 5: Firefighting measures

General fire hazards Not available.

Extinguishing media

Suitable extinguishing media	Water fog. Foam. Dry powder. Carbon dioxide (CO2).
Unsuitable extinguishing media	Water. Do not use water jet as an extinguisher, as this will spread the fire.

Special hazards arising from the substance or mixture Not available.

Advice for firefighters

Special protective equipment for firefighters	Wear suitable protective equipment.
Special firefighting procedures	Not available.

Section 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	Keep unnecessary personnel away. Local authorities should be advised if significant spillages cannot be contained. Do not touch or walk through spilled material. Keep people away from and upwind of spill/leak. Ensure adequate ventilation. Avoid inhalation of vapors or mists. In case of spills, beware of slippery floors and surfaces.
For emergency responders	Keep unnecessary personnel away. Use personal protection recommended in Section 8 of the MSDS.

Environmental precautions No special environmental precautions required.

Methods and material for containment and cleaning up

Remove sources of ignition. This product is miscible in water.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills in original containers for re-use.

Reference to other sections

For personal protection, see section 8. For waste disposal, see section 13.

Section 7: Handling and storage**Precautions for safe handling**

Avoid breathing mist or vapour. Avoid contact with skin. Avoid contact with eyes. Avoid prolonged exposure. Wash hands thoroughly after handling.

Conditions for safe storage, including any incompatibilities

Room temperature - normal conditions. Keep container tightly closed. Keep out of the reach of children.

Specific end use(s)

Not available.

Section 8: Exposure controls/personal protection**Control parameters****Occupational exposure limits****Austria. MAK List**

Components	Type	Value	Form
Antimony, Tris(dipentylcarbamodithioato) (15890-25-2)	MAK	0,5 mg/m ³	Inhalable fraction.
	STEL	1,5 mg/m ³	Inhalable fraction.

Belgium. Exposure Limit Values.

Components	Type	Value	Form
Antimony, Tris(dipentylcarbamodithioato) (15890-25-2)	TWA	0,5 mg/m ³	
Distillates (petroleum), hydrotreated heavy naphthenic (64742-52-5)	STEL	10 mg/m ³	Mist.
	TWA	5 mg/m ³	Mist.
Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)	STEL	10 mg/m ³	Mist.
	TWA	5 mg/m ³	Mist.
Distillates (petroleum), hydrotreated light paraffinic (64742-55-8)	STEL	10 mg/m ³	Mist.
	TWA	5 mg/m ³	Mist.
Distillates (petroleum), solvent-refined heavy paraffinic (64741-88-4)	STEL	10 mg/m ³	Mist.
	TWA	5 mg/m ³	Mist.

Bulgaria. OELs. Regulation No 13 of Ministry of Labor & Social Policy, with Ministry of Health, on protection of workers related to exposure to chemical agents at work

Components	Type	Value
Antimony, Tris(dipentylcarbamodithioato) (15890-25-2)	TWA	0,5 mg/m ³
Distillates (petroleum), hydrotreated heavy naphthenic (64742-52-5)	TWA	5 mg/m ³
Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)	TWA	5 mg/m ³
Distillates (petroleum), hydrotreated light paraffinic (64742-55-8)	TWA	5 mg/m ³

Bulgaria. OELs. Regulation No 13 of Ministry of Labor & Social Policy, with Ministry of Health, on protection of workers related to exposure to chemical agents at work

Components	Type	Value
Distillates (petroleum), solvent-refined heavy paraffinic (64741-88-4)	TWA	5 mg/m3

Cyprus. OELs. Control of factory atmosphere and dangerous substances in factories regulation, PI 311/73, as amended.

Components	Type	Value
Antimony, Tris(dipentylcarbamodithioato) (15890-25-2)	TWA	0,5 mg/m3

Czech Republic. OELs. Government Decree 361

Components	Type	Value	Form
Antimony, Tris(dipentylcarbamodithioato) (15890-25-2)	Ceiling	1,5 mg/m3	
Distillates (petroleum), hydrotreated heavy naphthenic (64742-52-5)	TWA Ceiling	0,5 mg/m3 1000 mg/m3	
Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)	TWA Ceiling	200 mg/m3 10 mg/m3	Aerosol
Distillates (petroleum), hydrotreated light paraffinic (64742-55-8)	TWA Ceiling	5 mg/m3 10 mg/m3	Aerosol Aerosol
	TWA	5 mg/m3	Aerosol

Denmark. Exposure Limit Values

Components	Type	Value	Form
Antimony, Tris(dipentylcarbamodithioato) (15890-25-2)	TLV	0,5 mg/m3	
Distillates (petroleum), hydrotreated heavy naphthenic (64742-52-5)	TLV	1 mg/m3	Mist.
Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)	TLV	1 mg/m3	Mist.
Distillates (petroleum), hydrotreated light paraffinic (64742-55-8)	TLV	1 mg/m3	Mist.
Distillates (petroleum), solvent-refined heavy paraffinic (64741-88-4)	TLV	1 mg/m3	Mist.

Estonia

No exposure limits noted for the ingredient(s).

Finland. Workplace Exposure Limits

Components	Type	Value	Form
Antimony, Tris(dipentylcarbamodithioato) (15890-25-2)	TWA	0,5 mg/m3	
Distillates (petroleum), hydrotreated heavy naphthenic (64742-52-5)	TWA	5 mg/m3	Mist.
Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)	TWA	5 mg/m3	Mist.

France. Threshold Limit Values (VLEP) for Occupational Exposure to Chemicals in France, INRS ED 984

Components	Type	Value
Antimony, Tris(dipentylcarbamodithioato) (15890-25-2)	VME	0,5 mg/m3

Germany

No exposure limits noted for the ingredient(s).

Germany - TRGS 900

No exposure limits noted for the ingredient(s).

Greece. OELs (Decree No. 90/1999, as amended)

Components	Type	Value	Form
Antimony, Tris(dipentylcarbamodithioato) (15890-25-2)	TWA	0,5 mg/m ³	
Distillates (petroleum), hydrotreated heavy naphthenic (64742-52-5)	TWA	5 mg/m ³	Mist.
Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)	TWA	5 mg/m ³	Mist.
Distillates (petroleum), hydrotreated light paraffinic (64742-55-8)	TWA	5 mg/m ³	Mist.
Distillates (petroleum), solvent-refined heavy paraffinic (64741-88-4)	TWA	5 mg/m ³	Mist.

Hungary. OELs. Joint Decree on Chemical Safety of Workplaces

Components	Type	Value	Form
Antimony, Tris(dipentylcarbamodithioato) (15890-25-2)	STEL	2 mg/m ³	
Distillates (petroleum), hydrotreated heavy naphthenic (64742-52-5)	TWA Ceiling	0,5 mg/m ³ 5 mg/m ³	Mist.
Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)	Ceiling	5 mg/m ³	Mist.
Distillates (petroleum), hydrotreated light paraffinic (64742-55-8)	Ceiling	5 mg/m ³	Mist.
Distillates (petroleum), solvent-refined heavy paraffinic (64741-88-4)	Ceiling	5 mg/m ³	Mist.

Iceland. OELs. Regulation 154/1999 on occupational exposure limits

Components	Type	Value	Form
Antimony, Tris(dipentylcarbamodithioato) (15890-25-2)	TWA	0,5 mg/m ³	Dust.
Distillates (petroleum), hydrotreated heavy naphthenic (64742-52-5)	TWA	1 mg/m ³	Mist.
Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)	TWA	1 mg/m ³	Mist.
Distillates (petroleum), hydrotreated light paraffinic (64742-55-8)	TWA	1 mg/m ³	Mist.
Distillates (petroleum), solvent-refined heavy paraffinic (64741-88-4)	TWA	1 mg/m ³	Mist.

Ireland. Occupational Exposure Limits

Components	Type	Value	Form
Antimony, Tris(dipentylcarbamodithioato) (15890-25-2)	TWA	0,5 mg/m ³	
Distillates (petroleum), hydrotreated heavy naphthenic (64742-52-5)	TWA	0,2 mg/m ³	Inhalable fraction.

Ireland. Occupational Exposure Limits

Components	Type	Value	Form
Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)	TWA	0,2 mg/m3	Inhalable fraction.
Distillates (petroleum), hydrotreated light paraffinic (64742-55-8)	TWA	0,2 mg/m3	Inhalable fraction.
Distillates (petroleum), solvent-refined heavy paraffinic (64741-88-4)	TWA	0,2 mg/m3	Inhalable fraction.

Italy. OELs

Components	Type	Value	Form
Antimony, Tris(dipentylcarbamodithioato) (15890-25-2)	TWA	0,5 mg/m3	
Distillates (petroleum), hydrotreated heavy naphthenic (64742-52-5)	TWA	5 mg/m3	Inhalable fraction.
Distillates (petroleum), hydrotreated light paraffinic (64742-55-8)	TWA	5 mg/m3	Inhalable fraction.
Distillates (petroleum), solvent-refined heavy paraffinic (64741-88-4)	TWA	5 mg/m3	Inhalable fraction.

Latvia

No exposure limits noted for the ingredient(s).

Lithuania. OELs. Occupational Exposure Limit Values for Hazardous Chemical Substance Concentration, General Requirements (No. 645/169)

Components	Type	Value	Form
Distillates (petroleum), hydrotreated heavy naphthenic (64742-52-5)	STEL	3 mg/m3	Fume and mist.
Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)	TWA	1 mg/m3	Fume and mist.
	STEL	3 mg/m3	Fume and mist.
Distillates (petroleum), hydrotreated light paraffinic (64742-55-8)	TWA	1 mg/m3	Fume and mist.
	STEL	3 mg/m3	Fume and mist.
Distillates (petroleum), solvent-refined heavy paraffinic (64741-88-4)	TWA	1 mg/m3	Fume and mist.
	STEL	3 mg/m3	Fume and mist.
	TWA	1 mg/m3	Fume and mist.

Luxembourg

No exposure limits noted for the ingredient(s).

Malta

No exposure limits noted for the ingredient(s).

Netherlands. OELs (binding)

Components	Type	Value	Form
Antimony, Tris(dipentylcarbamodithioato) (15890-25-2)	TWA	0,5 mg/m3	
Distillates (petroleum), hydrotreated heavy naphthenic (64742-52-5)	TWA	5 mg/m3	Mist.
Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)	TWA	5 mg/m3	Mist.
Distillates (petroleum), hydrotreated light paraffinic (64742-55-8)	TWA	5 mg/m3	Mist.

Netherlands. OELs (binding)

Components	Type	Value	Form
Distillates (petroleum), solvent-refined heavy paraffinic (64741-88-4)	TWA	5 mg/m3	Mist.

Norway. Administrative Norms for Contaminants in the Workplace

Components	Type	Value	Form
Antimony, Tris(dipentylcarbamodithioato) (15890-25-2)	TLV	0,5 mg/m3	
Distillates (petroleum), hydrotreated heavy naphthenic (64742-52-5)	TLV	1 mg/m3	Mist.
Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)	TLV	1 mg/m3	Mist.
Distillates (petroleum), hydrotreated light paraffinic (64742-55-8)	TLV	1 mg/m3	Mist.
Distillates (petroleum), solvent-refined heavy paraffinic (64741-88-4)	TLV	1 mg/m3	Mist.

Poland. MACs. Minister of Labour and Social Policy Regarding Maximum Allowable Concentrations and Intensities in Working Environment

Components	Type	Value	Form
Antimony, Tris(dipentylcarbamodithioato) (15890-25-2)	TWA	0,5 mg/m3	
Distillates (petroleum), hydrotreated heavy naphthenic (64742-52-5)	STEL	10 mg/m3	Aerosol
Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)	TWA	5 mg/m3	Aerosol
	STEL	10 mg/m3	Aerosol
Distillates (petroleum), hydrotreated light paraffinic (64742-55-8)	TWA	5 mg/m3	Aerosol
	STEL	10 mg/m3	Aerosol
Distillates (petroleum), solvent-refined heavy paraffinic (64741-88-4)	TWA	5 mg/m3	Aerosol
	STEL	10 mg/m3	Aerosol
	TWA	5 mg/m3	Aerosol

Portugal. VLEs. Norm on occupational exposure to chemical agents (NP 1796)

Components	Type	Value	Form
Antimony, Tris(dipentylcarbamodithioato) (15890-25-2)	TWA	0,5 mg/m3	
Distillates (petroleum), hydrotreated heavy naphthenic (64742-52-5)	STEL	10 mg/m3	Aerosol
Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)	TWA	5 mg/m3	Aerosol
	STEL	10 mg/m3	Aerosol
Distillates (petroleum), hydrotreated light paraffinic (64742-55-8)	TWA	5 mg/m3	Aerosol
	STEL	10 mg/m3	Aerosol
Distillates (petroleum), solvent-refined heavy paraffinic (64741-88-4)	TWA	5 mg/m3	Aerosol
	STEL	10 mg/m3	Aerosol
	TWA	5 mg/m3	Aerosol

Romania. OELs. Protection of workers from exposure to chemical agents at the workplace

Components	Type	Value
Distillates (petroleum), hydrotreated heavy naphthenic (64742-52-5)	STEL	10 mg/m3
	TWA	5 mg/m3
Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)	STEL	10 mg/m3
	TWA	5 mg/m3
Distillates (petroleum), hydrotreated light paraffinic (64742-55-8)	STEL	10 mg/m3
	TWA	5 mg/m3
Distillates (petroleum), solvent-refined heavy paraffinic (64741-88-4)	STEL	10 mg/m3
	TWA	5 mg/m3

Slovakia. OELs. Decree of the government of the Slovak Republic concerning protection of health in work with chemical agents

Components	Type	Value	Form
Antimony, Tris(dipentylcarbamodithioato) (15890-25-2)	Ceiling	1 mg/m3	Total dust.
	TWA	0,5 mg/m3	Total dust.

Slovenia. OELs. Regulations concerning protection of workers against risks due to exposure to chemicals while working (Official Gazette of the Republic of Slovenia)

Components	Type	Value	Form
Antimony, Tris(dipentylcarbamodithioato) (15890-25-2)	TWA	0,5 mg/m3	Inhalable fraction.

Spain. Occupational Exposure Limits

Components	Type	Value	Form
Antimony, Tris(dipentylcarbamodithioato) (15890-25-2)	TWA	0,5 mg/m3	
Distillates (petroleum), hydrotreated heavy naphthenic (64742-52-5)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.
Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.
Distillates (petroleum), hydrotreated light paraffinic (64742-55-8)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.
Distillates (petroleum), solvent-refined heavy paraffinic (64741-88-4)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.

Sweden. Occupational Exposure Limit Values

Components	Type	Value	Form
Distillates (petroleum), hydrotreated heavy naphthenic (64742-52-5)	STEL	3 mg/m3	Mist.
	TWA	1 mg/m3	Mist.
Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)	STEL	3 mg/m3	Mist.
	TWA	1 mg/m3	Mist.
Distillates (petroleum), hydrotreated light paraffinic (64742-55-8)	STEL	3 mg/m3	Mist.
	TWA	1 mg/m3	Mist.

Sweden. Occupational Exposure Limit Values

Components	Type	Value	Form
Distillates (petroleum), solvent-refined heavy paraffinic (64741-88-4)	STEL	3 mg/m ³	Mist.
	TWA	1 mg/m ³	Mist.

Switzerland

No exposure limits noted for the ingredient(s).

UK. EH40 Workplace Exposure Limits (WELs)

Components	Type	Value
Antimony, Tris(dipentylcarbamodithioato) (15890-25-2)	TWA	0,5 mg/m ³

EU, 91/322/EEC, 2000/39/EC, 2006/15/EC

No exposure limits noted for the ingredient(s).

Biological limit values**EU, 91/322/EEC, 2000/39/EC, 2006/15/EC**

No biological exposure limits noted for the ingredient(s).

Finland

No biological exposure limits noted for the ingredient(s).

France

No biological exposure limits noted for the ingredient(s).

Luxembourg

No biological exposure limits noted for the ingredient(s).

Spain

No biological exposure limits noted for the ingredient(s).

United Kingdom

No biological exposure limits noted for the ingredient(s).

Recommended monitoring procedures

Follow standard monitoring procedures.

DNEL

Not available.

PNEC

Not available.

Exposure controls**Appropriate engineering controls**

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide adequate general and local exhaust ventilation.

Individual protection measures, such as personal protective equipment**General information**

Applicable for industrial settings only: Use personal protective equipment as required. Eye wash fountain is recommended.

Eye/face protection

Wear eye/face protection.

Skin protection**- Hand protection**

Wear protective gloves.

- Other

Wear suitable protective clothing. Wear protective gloves. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.

Respiratory protection

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Thermal hazards

Not available.

Hygiene measures

Avoid contact with eyes. Avoid contact with skin. Keep away from food and drink. Contaminated work clothing should not be allowed out of the workplace. Handle in accordance with good industrial hygiene and safety practices.

Environmental exposure controls

Not available.

Section 9: Physical and chemical properties**Information on basic physical and chemical properties****Appearance**

Oily.

Physical state	Liquid.
Form	Liquid.
Colour	Red.
Odour	Petroleum
Odour threshold	Not available.
pH	Not applicable.
Melting point/freezing point	Not available.
Boiling point, initial boiling point, and boiling range	360 °C (680 °F)
Flash point	184 °C (363,2 °F) Pensky-Martens Closed Cup
Auto-ignition temperature	260 °C (500 °F) estimated
Flammability (solid, gas)	Not available.
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Oxidising properties	Not applicable.
Explosive properties	Not applicable.
Explosive limit	Not applicable.
Vapour pressure	0 hPa estimated
Density	883 kg/m ³
Vapour density	Not applicable.
Evaporation rate	Not applicable.
Relative density	Not available.
Solubility (water)	Negligible
Solubility (other)	Oil

Information on basic physical and chemical properties

Partition coefficient (n-octanol/water)	Not available.
Decomposition temperature	Not available.
Bulk density	Not applicable.
Pour point	Not applicable.
Viscosity	9 - 10,5 cSt
Viscosity temperature	100 °C (212 °F)
VOC (Weight %)	0 % estimated
Percent volatile	0 % estimated

Other data

Flammability class	Combustible IIIB estimated
Specific gravity	0,88
Other information	No relevant additional information available.

Section 10: Stability and reactivity

Reactivity	None known. Strong oxidizing agents.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	Not available.
Conditions to avoid	Avoid temperatures exceeding the flash point.
Incompatible materials	None known.
Hazardous decomposition products	Toxic gas. At thermal decomposition temperatures, carbon monoxide and carbon dioxide.

Section 11: Toxicological information

General information	Not available.
Information on likely routes of exposure	
Ingestion	Not available.
Inhalation	Not available.
Skin contact	Causes skin irritation.
Eye contact	Causes serious eye irritation.
Symptoms	Irritant effects.

Information on toxicological effects

Acute toxicity	Not available.
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Components

Test results

Antimony, Tris(dipentylcarbamodithioato) (15890-25-2)	Acute Dermal LD50 Rabbit: > 16000 mg/kg Acute Oral LD50 Rat: > 16000 mg/kg
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* Estimates for product may be based on additional component data not shown.

Skin corrosion/irritation	Causes skin irritation.
Serious eye damage/eye irritation	Causes serious eye irritation.
Respiratory sensitisation	Not available.
Skin sensitisation	May cause an allergic skin reaction.
Germ cell mutagenicity	Not available.
Carcinogenicity	Not available.
Reproductive toxicity	Not available.
Specific target organ toxicity - single exposure	Not available.
Specific target organ toxicity - repeated exposure	Not available.
Aspiration hazard	Not available.
Mixture versus substance information	Not available.
Other information	Not available.

Section 12: Ecological information

Toxicity	No toxicity data noted for the ingredient(s).
Persistence and degradability	No data is available on the degradability of this product.
Bioaccumulative potential	Not available.
Mobility	Not available.
Environmental fate - Partition coefficient	Not available.
Mobility in soil	Not available.
Results of PBT and vPvB assessment	Not available.
Other adverse effects	Not available.

Section 13: Disposal considerations

Waste treatment methods

Residual waste	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.
EU waste code	The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Disposal methods/information

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.

Section 14: Transport information**ADR**

Not regulated as dangerous goods.

RID

Not regulated as dangerous goods.

ADN

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code No information available.

Section 15: Regulatory information**Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulations**

Other regulations The product is classified and labelled in accordance with EC directives or respective national laws
This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006.

National regulations Not available.

Chemical safety assessment No Chemical Safety Assessment has been carried out.

Section 16: Other information

List of abbreviations Not available.

References Not available.

Information on evaluation method leading to the classification of mixture Not available.

Full text of any statements or R-phrases and H-phrases under Sections 2 to 15 R20/22 Harmful by inhalation and if swallowed.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
H302 - Harmful if swallowed.
H332 - Harmful if inhaled.
H411 - Toxic to aquatic life with long lasting effects.

Revision information Not available.

Training information Not available.

Disclaimer Bel-Ray Company cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use.

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Inventory status

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes

Country(s) or region	Inventory name	On inventory (yes/no) *
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)