

#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product form : Mixture

Product name : SLS 100 #2 EPLC

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

#### 1.2.1. Relevant identified uses

Industrial/Professional use spec : Industrial

For professional use only

Use of the substance/mixture : Lubricant

1.2.2. Uses advised against

Restrictions on use : No additional information available

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

Loadmaster Lubricants, LLC 13615 Fenway Blvd. Ct. N

55038 Hugo, MN

T 651-656-2225 - F 651-653-3402

#### 1.4. Emergency telephone number

Emergency number : CHEMTREC (24hrs): 1-800-424-9300

Country	Organisation/Company	Address	Emergency number	Comment
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH Birmingham	0344 892 0111	

#### **SECTION 2: Hazards identification**

#### 2.1. Classification of the substance or mixture

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Hazardous to the aquatic environment — Chronic Hazard, Category 3 H412

Full text of H statements : see section 16

### Adverse physicochemical, human health and environmental effects

No additional information available

#### 2.2. Label elements

## Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Signal word (CLP)

Hazard statements (CLP) : H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements (CLP) : P273 - Avoid release to the environment.

P501 - Dispose of contents/container to hazardous or special waste collection point, in

accordance with local, regional, national and/or international regulation.

: EUH208 - Contains 5,5'-dithiodi-1,3,4-thiadiazole-2(3H)-thione(72676-55-2), 5,5'-thiobis(2-**EUH-statements** 

mercapto-1,3,4-thiadiazole)(7340-97-8), Pentene, 2,4,4-trimethyl-, sulfurized(68515-88-8), 2,5-bis(octyldithio)-1,3,4-thiadiazole(13539-13-4). May produce an allergic reaction.

Unknown hazards to the aquatic environment (CLP) : Contains 1.83 % of components with unknown hazards to the aquatic environment

2.3. Other hazards PBT: not yet assessed

#### **SECTION 3: Composition/information on ingredients**

## 3.1. Substances

vPvB: not yet assessed

Not applicable

#### 3.2. Mixtures

Name	Product identifier		Classification according to Regulation (EC) No. 1272/2008 [CLP]
Lithium carboxylate complex soap	(CAS-No.) 38900-29-7 (EC-No.) 254-184-4	5 - 15	Acute Tox. 4 (Oral), H302

## Safety Data Sheet

according to Regulation (EU) 2015/830

calcium carbonate	(CAS-No.) 471-34-1 (EC-No.) 207-439-9	0.5 - 1.5	Not classified
Isobutene-butene polymer	(CAS-No.) 9003-29-6 (EC-No.) 500-004-7	0.5 - 1.5	Skin Irrit. 2, H315 Eye Irrit. 2, H319
Pentene, 2,4,4-trimethyl-, sulfurized	(CAS-No.) 68515-88-8 (EC-No.) 271-114-8	0.3 - 0.7	Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410
5,5'-dithiodi-1,3,4-thiadiazole-2(3H)-thione	(CAS-No.) 72676-55-2 (EC-No.) 276-763-0	0.3 - 0.7	Skin Sens. 1B, H317
2,5-bis(octyldithio)-1,3,4-thiadiazole	(CAS-No.) 13539-13-4 (EC-No.) 236-912-2	0.1 - 0.3	Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317
5,5'-thiobis(2-mercapto-1,3,4-thiadiazole)	(CAS-No.) 7340-97-8 (EC-No.) 452-150-5	0.1 - 0.3	Skin Sens. 1B, H317 Aquatic Chronic 2, H411
Magnesium carbonate	(CAS-No.) 546-93-0 (EC-No.) 208-915-9	<0.1	Not classified

Full text of H-statements: see section 16

#### **SECTION 4: First aid measures**

#### 4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical

advice (show the label where possible).

First-aid measures after inhalation : If inhaled and if breathing is difficult, remove victim to fresh air and keep at rest in a position

comfortable for breathing.

First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water,

 $followed \ by \ warm \ water \ rinse. \ Wash \ contaminated \ clothing \ before \ reuse. \ If \ skin \ irritation \ or$ 

rash occurs: Get medical advice/attention.

First-aid measures after eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness

persists.

First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. If you feel unwell, seek medical advice.

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

Symptoms/effects after inhalation : Inhalation of vapours may cause respiratory irritation.

Symptoms/effects after skin contact : Repeated or prolonged skin contact may cause dermatitis and defatting.

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

Treat symptomatically.

#### **SECTION 5: Firefighting measures**

#### 5.1. Extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media : Do not use a heavy water stream.

#### 5.2. Special hazards arising from the substance or mixture

Fire hazard : Burning produces irritating, toxic and noxious fumes.

5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any

chemical fire. Prevent fire fighting water from entering the environment.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

Wear a self contained breathing apparatus. Wear fire/flame resistant/retardant clothing. EN469.

E11408

#### **SECTION 6: Accidental release measures**

#### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Avoid all eye and skin contact and do not breathe vapour and mist.

6.1.1. For non-emergency personnel

Protective equipment : Refer to section 8.2.

Emergency procedures : Evacuate unnecessary personnel.

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#### 6.1.2. For emergency responders

Protective equipment : Refer to section 8.2. Emergency procedures : Ventilate area.

#### 6.2. Environmental precautions

Prevent entry to sewers and public waters.

#### 6.3. Methods and material for containment and cleaning up

For containment : Contain any spills with dikes or absorbents to prevent migration and entry into sewers or

streams.

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible.

Collect spillage.

#### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

#### **SECTION 7: Handling and storage**

#### 7.1. Precautions for safe handling

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or

smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. Avoid breathing mist, spray, vapours. Avoid contact with skin, eyes and

clothing.

Hygiene measures : Do not eat, drink or smoke when using this product. Remove contaminated clothing. Wash

contaminated clothing before reuse.

#### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep only in the original container. Keep container closed when not in use.

Incompatible products : Strong oxidizers.

Incompatible materials : Sources of ignition. Direct sunlight.

#### 7.3. Specific end use(s)

Lubricant.

### **SECTION 8: Exposure controls/personal protection**

## 8.1. Control parameters

Magnesium carbonate (546-93-0)			
Belgium - Occupational Exposure Limits			
Limit value (mg/m³)	10 mg/m³		
France - Occupational Exposure Limits			
Local name	Magnésium (Carbonate de) (Magnésite)		
VME (mg/m³)	10 mg/m³		
Note (FR)	Valeurs recommandées/admises		
Regulatory reference	Circulaire du Ministère du travail (réf.: INRS ED 984, 2016)		
Ireland - Occupational Exposure Limits	Ireland - Occupational Exposure Limits		
OEL (8 hours ref) (mg/m³)	10 mg/m³ total inhalable dust 4 mg/m³ respirable dust		
Lithuania - Occupational Exposure Limits			
IPRV (mg/m³)	10 mg/m³		
Remark (LT)	F		
United Kingdom - Occupational Exposure Limits			
WEL TWA (mg/m³)	10 mg/m³ inhalable aerosol 4 mg/m³ respirable aerosol		
Switzerland - Occupational Exposure Limits			
VME (mg/m³)	3 mg/m³		
Remark	(respirable aerosol)		

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calcium carbonate (471-34-1)			
France - Occupational Exposure Limits			
Local name	Calcium (carbonate de) (Calcite) (Marbre)		
VME (mg/m³)	10 mg/m³		
Note (FR)	Valeurs recommandées/admises		
Regulatory reference	Circulaire du Ministère du travail (réf.: INRS ED 984, 2016)		
Hungary - Occupational Exposure Limits			
AK-érték	10 mg/m³		
Megjegyzések (HU)	inhalable aerosol		
Latvia - Occupational Exposure Limits			
Local name	Kalcija karbonāts		
OEL TWA (mg/m³)	6 mg/m³		
Regulatory reference	Ministru kabineta 2007. gada 15. maija noteikumiem Nr. 325 (Grozījumi Ministru kabineta 2011. gada 1. februārī noteikumiem Nr. 92)		
Poland - Occupational Exposure Limits			
Local name	Węglan wapnia		
NDS (mg/m³)	10 mg/m³ frakcja wdychalna		
Remark (PL)	Frakcja wdychalna – frakcja aerozolu wnikająca przez nos i usta, która po zdeponowaniu w drogach oddechowych stwarza zagrożenie dla zdrowia.		
Regulatory reference	Dz. U. 2018 poz. 1286		
United Kingdom - Occupational Exposure Limits			
WEL TWA (mg/m³)	10 mg/m³ inhalable aerosol 4 mg/m³ respirable aerosol		
Switzerland - Occupational Exposure Limits			
VME (mg/m³)	3 mg/m³		
Remark	(respirable aerosol)		

#### 8.2. Exposure controls

#### Appropriate engineering controls:

Avoid creating mist or spray. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Provide local exhaust or general room ventilation.

## Personal protective equipment:

Avoid all unnecessary exposure.

Hand protection:

Use rubber gloves. EN 374

Eye protection:	
Chemical goggles or safety glasses. EN166	

Respiratory protection:	
None under normal use	

#### Other information:

Do not eat, drink or smoke during use.

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#### **SECTION 9: Physical and chemical properties**

#### 9.1. Information on basic physical and chemical properties

Physical state : Liquid

Appearance : Paste. Opaque.
Colour : Yellow. tan.
Odour : mild. petroleum.
Odour threshold : No data available

pH : 7-7.2

Relative evaporation rate (butylacetate=1) : No data available Melting point : No data available Freezing point : No data available Boiling point : > 371 °C Flash point : > 204 °C

Auto-ignition temperature : No data available
Decomposition temperature : No data available
Flammability (solid, gas) : Non flammable.
Vapour pressure : < 1 mm Hg @ 20 °C
Relative vapour density at 20 °C : No data available

Relative density : 0.9011 Solubility : Water: < 5 % Log Pow : No data available : 100 mm<sup>2</sup>/s @ 40 °C Viscosity, kinematic Viscosity, dynamic : No data available : No data available Explosive properties Oxidising properties : No data available : No data available **Explosive limits** 

9.2. Other information

VOC content : 0 %

#### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No dangerous reactions known.

#### 10.2. Chemical stability

Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

#### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

#### 10.5. Incompatible materials

Strong oxidizers.

#### 10.6. Hazardous decomposition products

hydrocarbons. Carbon monoxide. Carbon dioxide.

#### **SECTION 11: Toxicological information**

#### 11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

#### Lithium carboxylate complex soap (38900-29-7)

LD50 dermal rat > 2000 mg/kg

#### 5,5'-dithiodi-1,3,4-thiadiazole-2(3H)-thione (72676-55-2)

LD50 oral rat	6480 mg/kg
LD50 dermal rabbit	> 2000 mg/kg

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Magnesium carbonate (546-93-0)	
LD50 oral rat	> 2000 mg/kg

calcium carbonate (471-34-1)	
LD50 oral rat	> 2000 mg/kg
LD50 dermal rat	> 2000 mg/kg
LC50 inhalation rat (mg/l)	> 3 mg/l/4h

5,5'-thiobis(2-mercapto-1,3,4-thiadiazole) (7340-97-8)	
LD50 oral rat	> 2500 mg/kg
LD50 dermal rat	> 2000 mg/kg

Pentene, 2,4,4-trimethyl-, sulfurized (68515-88-8)	
LD50 oral rat	3641 mg/kg
LD50 dermal rabbit	> 2000 mg/kg

Isobutene-butene polymer (9003-29-6)	
LD50 oral rat	> 34600 mg/kg
LD50 dermal rabbit	> 10250 mg/kg
LC50 inhalation rat (mg/l)	> 17300 mg/m³

Skin corrosion/irritation : Not classified
Serious eye damage/irritation : Not classified
Respiratory or skin sensitisation : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Not classified

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

#### **SLS 100 #2 EPLC**

Viscosity, kinematic 100 mm²/s @ 40 °C

## **SECTION 12: Ecological information**

#### 12.1. Toxicity

Unknown hazards to the aquatic environment (CLP) : Contains 1.83 % of components with unknown hazards to the aquatic environment

Hazardous to the aquatic environment, short-term : Not classified

(acute)

Hazardous to the aquatic environment, long-term : Harmful to aquatic life with long lasting effects.

(chronic)

# Lithium carboxylate complex soap (38900-29-7) LC50 fish 1 > 100 mg/l 96 h

Magnesium carbonate (546-93-0)	
LC50 fish 1	2120 – 2802 mg/l

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according to Regulation (EU) 2015/830		
LC50 other aquatic organisms 1	> 140 mg/l	
calcium carbonate (471-34-1)		
LC50 fish 1	> 100 % v/v, 96 h	
EC50 crustacea	> 100 % v/v, 48 h	
5,5'-thiobis(2-mercapto-1,3,4-thiadiazole) (7	340-97-8)	
LC50 fish 1	> 100 mg/l 96 h	
EC50 crustacea	18 mg/l 48 h	
EC50 72h algae (1)	14 mg/l 72 h	
NOEC (acute)	0.56 mg/l Daphnia 48 h	
Pentene, 2,4,4-trimethyl-, sulfurized (68515-	RR. R)	
EC50 crustacea	0.035 mg/l 48 h	
EC30 Clustacea	0.055 Hig/i 46 H	
Isobutene-butene polymer (9003-29-6)		
LC50 fish 1	> 1000 mg/l	
EC50 crustacea	> 1000 mg/l	
12.2. Persistence and degradability		
SLS 100 #2 EPLC		
Persistence and degradability	May cause long-term adverse effects in the environment.	
5,5'-thiobis(2-mercapto-1,3,4-thiadiazole) (7	340-97-8)	
Persistence and degradability	Not readily biodegradable.	
Biodegradation	41 % 28 d	
Pentene, 2,4,4-trimethyl-, sulfurized (68515-		
Persistence and degradability	inherently biodegradable.	
Isobutene-butene polymer (9003-29-6)		
Persistence and degradability	This product is not expected to be biodegradable.	
12.3. Bioaccumulative potential		
SLS 100 #2 EPLC		
Bioaccumulative potential	Not established.	
Pentene, 2,4,4-trimethyl-, sulfurized (68515-88-8)		
Log Pow	12.56	
· ·		
Isobutene-butene polymer (9003-29-6)		
Bioaccumulative potential	This product is not bioaccumulating.	
12.4. Mobility in soil	· · · · · · · · · · · · · · · · · · ·	
SLS 100 #2 EPLC		
Ecology - soil	Not established.	

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Isobutene-butene	polymer	(9003-29-6)
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Ecology - soil This material has low solubility and floats and is not expected to partition to water.

#### 12.5. Results of PBT and vPvB assessment

#### **SLS 100 #2 EPLC**

PBT: not yet assessed

vPvB: not yet assessed

#### 12.6. Other adverse effects

Additional information : Avoid release to the environment.

#### **SECTION 13: Disposal considerations**

#### 13.1. Waste treatment methods

Sewage disposal recommendations : Do not dispose of waste into sewer.

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

Ecology - waste materials : Avoid release to the environment.

European List of Waste (LoW) code : For disposal within the EC, the appropriate code according to the European Waste

Catalogue (EWC) should be used.

HP Code : HP14 - "Ecotoxic:" waste which presents or may present immediate or delayed risks for one

or more sectors of the environment

#### **SECTION 14: Transport information**

In accordance with ADR / RID / IMDG / IATA / ADN

#### 14.1. UN number

UN-No. (ADR) : Not regulated.
UN-No. (IMDG) : Not regulated.
UN-No. (IATA) : Not regulated.
UN-No. (ADN) : Not regulated.
UN-No. (RID) : Not regulated.

#### 14.2. UN proper shipping name

Proper Shipping Name (ADR) : Not regulated.
Proper Shipping Name (IMDG) : Not regulated.
Proper Shipping Name (IATA) : Not regulated.
Proper Shipping Name (ADN) : Not regulated.
Proper Shipping Name (RID) : Not regulated.

#### 14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) : Not regulated.

**IMDG** 

Transport hazard class(es) (IMDG) : Not regulated.

IATA

Transport hazard class(es) (IATA) : Not regulated.

ADN

Transport hazard class(es) (ADN) : Not regulated.

RID

Transport hazard class(es) (RID) : Not regulated.

14.4. Packing group

Packing group (ADR) : Not regulated.
Packing group (IMDG) : Not regulated.
Packing group (IATA) : Not regulated.
Packing group (ADN) : Not regulated.
Packing group (RID) : Not regulated.

14.5. Environmental hazards

Dangerous for the environment : No Marine pollutant : No

Other information : No supplementary information available

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#### 14.6. Special precautions for user

#### **Overland transport**

Not regulated.

#### Transport by sea

Not regulated.

#### Air transport

Not regulated.

#### Inland waterway transport

Not regulated.

#### Rail transport

Not regulated.

#### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

#### SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:		
Reference code Applicable on Entry titl		Entry title or description
3(b)	5,5'-thiobis(2-mercapto-1,3,4-thiadiazole); Pentene, 2,4,4-trimethyl-, sulfurized; Isobutene-butene polymer; 2,5-bis(octyldithio)-1,3,4-thiadiazole	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10
3(c)	LML 100 #2 EPLC; 5,5'-thiobis(2-mercapto-1,3,4-thiadiazole); Pentene, 2,4,4-trimethyl-, sulfurized	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

VOC content : 0%

#### 15.1.2. National regulations

#### Germany

: Observe restrictions according Act on the Protection of Working Mothers (MuSchG) **Employment restrictions** 

Observe restrictions according Act on the Protection of Young People in Employment

(JArbSchG)

: WGK 3, Highly hazardous to water (Classification according to AwSV, Annex 1) Water hazard class (WGK)

: Is not subject of the Hazardous Incident Ordinance (12. BlmSchV) 12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV

#### **Netherlands**

SZW-lijst van kankerverwekkende stoffen : Pentene, 2,4,4-trimethyl-, sulfurized is listed

SZW-lijst van mutagene stoffen Pentene, 2,4,4-trimethyl-, sulfurized is listed

NIET-limitatieve lijst van voor de voortplanting None of the components are listed

giftige stoffen - Borstvoeding NIET-limitatieve lijst van voor de voortplanting : None of the components are listed

giftige stoffen - Vruchtbaarheid

NIET-limitatieve lijst van voor de voortplanting

giftige stoffen - Ontwikkeling

: None of the components are listed

**Danish National Regulations** : Pregnant/breastfeeding women working with the product must not be in direct contact with the product

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

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#### **SECTION 16: Other information**

Abbreviations and acronyms:		
ATE: Acute Toxicity Estimate		
	CAS (Chemical Abstracts Service) number	
	EC50: Environmental Concentration associated with a response by 50% of the test population.	
	GHS: Globally Harmonized System (of Classification and Labeling of Chemicals).	
	LD50: Lethal Dose for 50% of the test population	
	TSCA: Toxic Substances Control Act	
	STEL: Short Term Exposure Limits	
	TWA: Time Weighted Average	

Data sources

Health and Safety. Accessed at: http://www.ccohs.ca/oshanswers/legisl/whmis\_classifi.html. European Chemicals Agency (ECHA) C&L Inventory database. Accessed at http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database. Krister Forsberg and S.Z. Mansdorf, "Quick Selection Guide to Chemical Protective Clothing", Fifth Edition. National Fire Protection Association; Fire Protection Guide to Hazardous Materials; 10th edition. TSCA Chemical Substance

: ACGIH (American Conference of Government Industrial Hygienists). Canadian Centre for Occupational

Mansdorf, "Quick Selection Guide to Chemical Protective Clothing", Fifth Edition. National Fire Protection Association; Fire Protection Guide to Hazardous Materials; 10th edition. TSCA Chemical Substance Inventory. Accessed at http://www.epa.gov/oppt/existingchemicals/pubs/tscainventory/howto.html. OSHA 29CFR 1910.1200 Hazard Communication Standard. REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006. Manufacturer Information. Australia Worksafe "Preparation of Safety Data Sheets for Hazardous Chemicals".

Other information : None.

Full text of H- and EUH-statements:		
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4	
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4	
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1	
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1	
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2	
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3	
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2	
Skin Irrit. 2	Skin corrosion/irritation, Category 2	
Skin Sens. 1	Skin sensitisation, Category 1	
Skin Sens. 1B	Skin sensitisation, category 1B	
H302	Harmful if swallowed.	
H315	Causes skin irritation.	
H317	May cause an allergic skin reaction.	
H319	Causes serious eye irritation.	
H332	Harmful if inhaled.	
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.	
H412	Harmful to aquatic life with long lasting effects.	

## Safety Data Sheet according to Regulation (EU) 2015/830

Contains 5,5'-dithiodi-1,3,4-thiadiazole-2(3H)-thione(72676-55-2), 5,5'-thiobis(2-mercapto-1,3,4-thiadiazole)(7340-97-8), Pentene, 2,4,4-trimethyl-, sulfurized(68515-88-8), 2,5-bis(octyldithio)-1,3,4-
thiadiazole(13539-13-4). May produce an allergic reaction.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:		
Aquatic Chronic 3	H412	Calculation method

SDS Prepared by: The Redstone Group, dba SafeBridge Consultants, Inc.

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Suite 200

Westerville, OH USA 43082 P: +1 (614) 923-7472 www.redstonegrp.com

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.