



SLS BI OGL II Extra Heavy/Heavy/Medium/Light

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Date of issue:
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SECTION 1: Identification

1.1. Identification

Product form : Mixture
Product name : SLS BI OGL II Extra Heavy/Heavy/Medium/Light

1.2. Recommended use and restrictions on use

Use of the substance/mixture : Lubricant
Restrictions on use : No additional information available

1.3. Supplier

Loadmaster Lubricants, LLC
13615 Fenway Blvd. Ct. N
Hugo, MN 55038
T 651-656-2225 - F 651-653-3402

1.4. Emergency telephone number

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

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS classification

Skin sensitisation, category 1B H317 May cause an allergic skin reaction.
Full text of H statements : see section 16

2.2. GHS Label elements, including precautionary statements

GHS labelling

Hazard pictograms (GHS) :



Signal word (GHS) : Warning
Hazard statements (GHS) : H317 - May cause an allergic skin reaction.
Precautionary statements (GHS) : P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
P272 - Contaminated work clothing must not be allowed out of the workplace
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 - If on skin: Wash with plenty of water/...
P321 - Specific treatment (see supplemental first aid instruction on this label)
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P363 - Wash contaminated clothing before reuse.
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS_US)

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Comments : There is no exposure to respirable particles when this product is used as intended.

Name	Product identifier	%	GHS classification
Dry lubricant	(CAS-No.) trade secret	5 - 8	Eye Irrit. 2B, H320
Thiadiazole 1	(CAS-No.) trade secret	1 - 3	Skin Sens. 1B, H317

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Name	Product identifier	%	GHS classification
Sulfurized diisobutylene	(CAS-No.) trade secret	1 - <2	Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Isobutene-butene polymer	(CAS-No.) trade secret	1 - <2	Skin Irrit. 2, H315 Eye Irrit. 2A, H319
Distillates (petroleum) 1 (DMSO < 3%)	(CAS-No.) trade secret	0 - 1	Asp. Tox. 1, H304
Distillates (petroleum) 2 (DMSO < 3%)	(CAS-No.) trade secret	0 - 1	Asp. Tox. 1, H304
Distillates (petroleum) 3 (DMSO < 3%)	(CAS-No.) trade secret	0 - 1	Asp. Tox. 1, H304
Thiadiazole 2	(CAS-No.) trade secret	0.1 - 0.5	Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1, H317
Thiadiazole 3	(CAS-No.) trade secret	0.1 - 0.3	Skin Sens. 1B, H317 Aquatic Chronic 2, H411

*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

Full text of hazard classes and 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. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
- First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
- First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

4.2. Most important symptoms and effects (acute and delayed)

- Symptoms/effects after skin contact : May cause an allergic skin reaction. Causes mild skin irritation.

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) 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. Specific hazards arising from the chemical

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

5.3. Special protective equipment and precautions for fire-fighters

- 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.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Avoid contact with skin, eyes and clothing. Do not breathe vapour. Use personal protective equipment as required.

6.1.1. For non-emergency personnel

- Protective equipment : Refer to section 8.2.
- Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

- Protective equipment : Refer to section 8.2.

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Emergency procedures : Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

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. Store away from other materials.

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 contact with skin, eyes and clothing. Do not breathe vapours. Wear personal protective equipment.

Hygiene measures : Contaminated work clothing should not be allowed out of the workplace. 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 bases. Strong acids. Strong oxidizers.

Incompatible materials : Sources of ignition. Direct sunlight.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Isobutene-butene polymer (trade secret)		
Not applicable		
Dry lubricant (trade secret)		
ACGIH	Local name	Dry lubricant
ACGIH	ACGIH TWA (mg/m ³)	2 mg/m ³
ACGIH	Remark (ACGIH)	Pneumoconiosis
OSHA	OSHA PEL (TWA) (mg/m ³)	15 mg/m ³
OSHA	Remark (OSHA)	(3) See Table Z-3.
NIOSH	NIOSH REL (TWA) (mg/m ³)	2.5 mg/m ³
NIOSH	Remark (NIOSH)	(respirable dust)
Distillates (petroleum) 1 (DMSO < 3%) (trade secret)		
ACGIH	ACGIH TWA (mg/m ³)	5 mg/m ³
ACGIH	ACGIH STEL (mg/m ³)	10 mg/m ³
OSHA	OSHA PEL (TWA) (mg/m ³)	5 mg/m ³
Distillates (petroleum) 2 (DMSO < 3%) (trade secret)		
ACGIH	ACGIH TWA (mg/m ³)	5 mg/m ³ oil mist
ACGIH	ACGIH STEL (mg/m ³)	10 mg/m ³ oil mist
OSHA	OSHA PEL (TWA) (mg/m ³)	5 mg/m ³
Distillates (petroleum) 3 (DMSO < 3%) (trade secret)		
ACGIH	ACGIH TWA (mg/m ³)	5 mg/m ³
ACGIH	ACGIH STEL (mg/m ³)	10 mg/m ³
Thiadiazole 3 (trade secret)		
Not applicable		

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Thiadiazole 1 (trade secret)
Not applicable
Sulfurized diisobutylene (trade secret)
Not applicable
Thiadiazole 2 (trade secret)
Not applicable

8.2. Appropriate engineering controls

Appropriate engineering controls : Avoid splashing. 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.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Avoid all unnecessary exposure.

Hand protection:

Use rubber gloves.

Eye protection:

Chemical goggles or safety glasses

Respiratory protection:

None under normal use

Other information:

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Paste. Opaque.
Colour	: Grey Black
Odour	: mild petroleum
Odour threshold	: No data available
pH	: 7 - 7.2 (1% solution in water)
Melting point	: No data available
Freezing point	: No data available
Boiling point	: > 371 °C
Flash point	: > 177 °C
Relative evaporation rate (butylacetate=1)	: 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	: 1.005 @ 20 °C
Solubility	: Water: < 5 %
Log Pow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: > 1000 mm ² /s @ 40 °C
Viscosity, dynamic	: No data available
Explosive limits	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available

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9.2. Other information

No additional information available

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 acids. Strong bases. Strong oxidizers.

10.6. Hazardous decomposition products

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

Isobutene-butene polymer (trade secret)	
LD50 oral rat	> 34600 mg/kg
LD50 dermal rabbit	> 10250 mg/kg
LC50 inhalation rat (mg/l)	> 17300 mg/m ³
Dry lubricant (trade secret)	
LD50 oral rat	> 2000 mg/kg
LC50 inhalation rat (mg/l)	> 2000 mg/m ³ 4 h, no mortality observed
Distillates (petroleum) 1 (DMSO < 3%) (trade secret)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat (mg/l)	> 5.53 mg/l/4h
Distillates (petroleum) 2 (DMSO < 3%) (trade secret)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
Distillates (petroleum) 3 (DMSO < 3%) (trade secret)	
LD50 oral rat	> 5000 mg/kg bodyweight
LD50 dermal rabbit	> 2000 mg/kg bodyweight
LC50 inhalation rat (mg/l)	> 10.5 mg/l/4h
Thiadiazole 3 (trade secret)	
LD50 oral rat	> 2500 mg/kg
LD50 dermal rat	> 2000 mg/kg
Thiadiazole 1 (trade secret)	
LD50 oral rat	6480 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
ATE (oral)	6480 mg/kg bodyweight
Sulfurized diisobutylene (trade secret)	
LD50 oral rat	3641 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
ATE (oral)	3641 mg/kg bodyweight

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Thiadiazole 2 (trade secret)	
ATE (dust,mist)	1.5 mg/l/4h
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
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
Viscosity, kinematic	: > 1000 mm ² /s @ 40 °C
Likely routes of exposure	: Inhalation. Skin and eye contact.
Symptoms/effects after skin contact	: May cause an allergic skin reaction. Causes mild skin irritation.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - water : Very toxic to aquatic life. Toxic to aquatic life with long lasting effects.

Isobutene-butene polymer (trade secret)	
LC50 fish 1	> 1000 mg/l
EC50 crustacea	> 1000 mg/l
Dry lubricant (trade secret)	
LC50 fish 1	> 100 mg/l 96 h, no mortality observed
EC50 crustacea	> 100 mg/l 48 h, no mortality observed
Distillates (petroleum) 1 (DMSO < 3%) (trade secret)	
EC50 crustacea	> 10000 mg/l
Distillates (petroleum) 3 (DMSO < 3%) (trade secret)	
LC50 fish 1	101 mg/l > 100 mg/l LL50. 101 is put in for calculations, per request of IPAC
Thiadiazole 3 (trade secret)	
LC50 fish 1	> 100 mg/l 96 h
EC50 crustacea	18 mg/l 48 h
NOEC (acute)	0.56 mg/l Daphnia 48 h
Sulfurized diisobutylene (trade secret)	
EC50 crustacea	0.035 mg/l 48 h

12.2. Persistence and degradability

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Persistence and degradability	May cause long-term adverse effects in the environment.
Isobutene-butene polymer (trade secret)	
Persistence and degradability	This product is not expected to be biodegradable.
Distillates (petroleum) 2 (DMSO < 3%) (trade secret)	
Persistence and degradability	Not established.
Distillates (petroleum) 3 (DMSO < 3%) (trade secret)	
Persistence and degradability	Not readily biodegradable.
Thiadiazole 3 (trade secret)	
Persistence and degradability	Not readily biodegradable.
Biodegradation	41 % 28 d
Sulfurized diisobutylene (trade secret)	
Persistence and degradability	inherently biodegradable.

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12.3. Bioaccumulative potential

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Bioaccumulative potential	Not established.
Isobutene-butene polymer (trade secret)	
Bioaccumulative potential	This product is not bioaccumulating.
Distillates (petroleum) 2 (DMSO < 3%) (trade secret)	
Bioaccumulative potential	Not established.
Sulfurized diisobutylene (trade secret)	
Log Pow	12.56

12.4. Mobility in soil

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

12.5. Other adverse effects

Other information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Disposal 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.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Not regulated.

Transport by sea

Not applicable

Air transport

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

15.2. International regulations

CANADA

Isobutene-butene polymer (trade secret)	
Listed on the Canadian DSL (Domestic Substances List) inventory.	
Dry lubricant (trade secret)	
Listed on the Canadian DSL (Domestic Substances List) inventory.	
Distillates (petroleum) 1 (DMSO < 3%) (trade secret)	
Listed on the Canadian DSL (Domestic Substances List) inventory.	
Distillates (petroleum) 2 (DMSO < 3%) (trade secret)	
Listed on the Canadian DSL (Domestic Substances List) inventory.	

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Distillates (petroleum) 3 (DMSO < 3%) (trade secret)

Listed on the Canadian DSL (Domestic Substances List) inventory.

Thiadiazole 3 (trade secret)

Listed on the Canadian DSL (Domestic Substances List) inventory.

Thiadiazole 1 (trade secret)

Listed on the Canadian DSL (Domestic Substances List) inventory.

Sulfurized diisobutylene (trade secret)

Listed on the Canadian DSL (Domestic Substances List) inventory.

Thiadiazole 2 (trade secret)

Listed on the Canadian DSL (Domestic Substances List) inventory.

EU-Regulations

Isobutene-butene polymer (trade secret)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Dry lubricant (trade secret)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Distillates (petroleum) 1 (DMSO < 3%) (trade secret)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Distillates (petroleum) 2 (DMSO < 3%) (trade secret)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Distillates (petroleum) 3 (DMSO < 3%) (trade secret)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Thiadiazole 3 (trade secret)

Not listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Listed on ELINCS (European List of Notified Chemical Substances)

Thiadiazole 1 (trade secret)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Thiadiazole 2 (trade secret)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

National regulations

Doma, OGL Extra Heavy

No additional information available

Isobutene-butene polymer (trade secret)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on KECI (Korean Existing Chemicals Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on Taiwan National Chemical Inventory

Listed on the AICS (Australian Inventory of Chemical Substances)

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

Listed on the Japanese ISHL (Industrial Safety and Health Law)

Dry lubricant (trade secret)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the AICS (Australian Inventory of Chemical Substances)

Listed on Taiwan National Chemical Inventory

Listed on the Inventory of Existing Chemical Substances Produced or Imported in China (IECSC).

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

Listed on the Korean ECL (Existing Chemicals List)

Distillates (petroleum) 1 (DMSO < 3%) (trade secret)

Listed on the AICS (Australian Inventory of Chemical Substances)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

Listed on KECI (Korean Existing Chemicals Inventory)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

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Distillates (petroleum) 1 (DMSO < 3%) (trade secret)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Distillates (petroleum) 2 (DMSO < 3%) (trade secret)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on KECI (Korean Existing Chemicals Inventory)
Listed on Taiwan National Chemical Inventory
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed on the AICS (Australian Inventory of Chemical Substances)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

Distillates (petroleum) 3 (DMSO < 3%) (trade secret)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed on KECI (Korean Existing Chemicals Inventory)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on Taiwan National Chemical Inventory
Listed on the AICS (Australian Inventory of Chemical Substances)
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

Thiadiazole 3 (trade secret)

Exempt from the United States Toxic Substances Control Act (TSCA) inventory.
Listed on the AICS (Australian Inventory of Chemical Substances)

Thiadiazole 1 (trade secret)

Listed on KECI (Korean Existing Chemicals Inventory)
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory
Listed on Taiwan National Chemical Inventory
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed on the AICS (Australian Inventory of Chemical Substances)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Thiadiazole 2 (trade secret)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on KECI (Korean Existing Chemicals Inventory)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on Taiwan National Chemical Inventory
Listed on the AICS (Australian Inventory of Chemical Substances)
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

Component	State or local regulations
Dry lubricant(trade secret)	U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List

SECTION 16: Other information

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Data sources : ACGIH (American Conference of Government Industrial Hygienists). Canadian Centre for Occupational 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 Inventory. Accessed at <http://www.epa.gov/oppt/existingchemicals/pubs/tscainventory/howto.html>. WHMIS: The Workplace Hazardous Materials Information System: Canada's national hazard communication standard.

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Other information : None.

Full text of H-statements:

H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H320	Causes 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.

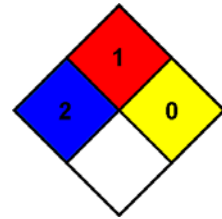
Abbreviations and acronyms:

	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

NFPA health hazard : 2 - Materials that, under emergency conditions, can cause temporary incapacitation or residual injury.

NFPA fire hazard : 1 - Materials that must be preheated before ignition can occur.

NFPA reactivity : 0 - Normally stable, even under fire exposure conditions, and not reactive with water.



Indication of changes:

Composition/information on ingredients. GHS classification. Transport information.

SDS Prepared by: The Redstone Group
6077 Frantz Rd.
Suite 206
Dublin, OH USA 43017
+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.