

SECTION 1: Identification

1.1. Identification

Product form : Mixture
Product name : Reliant FS SAE 5W-30, Reliant FS SAE 5W-40

1.2. Recommended use and restrictions on use

Recommended use : Motor oil
Restrictions on use : No additional information available

1.3. Supplier

D-A Lubricant Company, Inc.
801 Edwards Dr
Lebanon, IN 46052
T 317-923-5321, Toll Free 1-800-873-2582
www.dalube.com

1.4. Emergency telephone number

Emergency number : 1-800-899-9004 Toll-Free USA/CAN 24 hours

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS-US classification

Repr. 2 H361 Suspected of damaging fertility or the unborn child.

Full text of hazard classes and H-statements : see section 16

2.2. GHS Label elements, including precautionary statements

GHS US labelling

Hazard pictograms (GHS US) :



Signal word (GHS US) : Warning

Hazard statements (GHS US) : H361 - Suspected of damaging fertility or the unborn child.

Precautionary statements (GHS US) : P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P308+P313 - If exposed or concerned: Get medical advice/attention.
P405 - Store locked up.
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

Name	Product identifier	%	GHS-US classification
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based (DMSO < 3%)	(CAS-No.) 72623-87-1	70 - 80	Asp. Tox. 1, H304
Distillates (petroleum), solvent-dewaxed heavy paraffinic (DMSO < 3%)	(CAS-No.) 64742-65-0	3 - 7	Asp. Tox. 1, H304
Distillates (petroleum), hydrotreated heavy paraffinic (DMSO < 3%)	(CAS-No.) 64742-54-7	1 - 5	Asp. Tox. 1, H304

Reliant FS SAE 5W-30, Reliant FS SAE 5W-40

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Name	Product identifier	%	GHS-US classification
Distillates (petroleum), hydrotreated light paraffinic (DMSO <3%)	(CAS-No.) 64742-55-8	1 - 5	Asp. Tox. 1, H304
Zinc alkyl dithiophosphate	(CAS-No.) 113706-15-3	1 - 2	Skin Irrit. 2, H315 Eye Dam. 1, H318
Polybutene	(CAS-No.) 9003-29-6	0.5 - 1.5	Skin Irrit. 2, H315 Eye Irrit. 2A, H319
tetrapropenylphenol	(CAS-No.) 74499-35-7	0.01 - 0.5	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Repr. 2, H361 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

*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 exposed or concerned: Get medical advice/attention.
- 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.
- 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. Obtain emergency medical attention.

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

- Symptoms/effects : Suspected of damaging fertility or the unborn child.

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 solid water stream as it may scatter and spread fire.

5.2. Specific hazards arising from the chemical

- Fire hazard : Burning produces irritating, toxic and noxious fumes.
- Reactivity : No dangerous reactions known.

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 all eye and skin contact and do not breathe vapour and mist. 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.
- Emergency procedures : Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters.

Reliant FS SAE 5W-30, Reliant FS SAE 5W-40

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

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.
- Other information : Spilled material may present a slipping hazard.

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. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.
- Hygiene measures : Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Keep only in the original container in a cool well ventilated place. 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

Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based (DMSO < 3%) (72623-87-1)		
Not applicable		
Distillates (petroleum), hydrotreated heavy paraffinic (DMSO < 3%) (64742-54-7)		
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), hydrotreated light paraffinic (DMSO <3%) (64742-55-8)		
ACGIH	ACGIH TWA (mg/m ³)	5 mg/m ³
ACGIH	ACGIH STEL (mg/m ³)	10 mg/m ³
Distillates (petroleum), solvent-dewaxed heavy paraffinic (DMSO < 3%) (64742-65-0)		
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
Zinc alkyl dithiophosphate (113706-15-3)		
Not applicable		
tetrapropenylphenol (74499-35-7)		
Not applicable		
Polybutene (9003-29-6)		
Not applicable		

8.2. Appropriate engineering controls

- Appropriate engineering controls : Avoid creating mist or spray. Avoid splashing. 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. Use only in well ventilated areas.
- Environmental exposure controls : Prevent leakage or spillage. Prevent contaminated water run-off.

Reliant FS SAE 5W-30, Reliant FS SAE 5W-40

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Avoid all unnecessary exposure.

Hand protection:

Use rubber gloves. natural rubber gloves. Nitrile rubber

Eye protection:

In case of splashing or aerosol production: protective goggles.

Respiratory protection:

No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation. In case of inadequate ventilation wear respiratory protection. Disposable half mask

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
Colour	: amber
Odour	: petroleum
Odour threshold	: No data available
pH	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: 230 °C COC
Relative evaporation rate (butylacetate=1)	: No data available
Flammability (solid, gas)	: Non flammable.
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Solubility	: No data available
Log Pow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: 69.9 - 88.7 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

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.

Reliant FS SAE 5W-30, Reliant FS SAE 5W-40

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

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. hydrocarbons.

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

Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based (DMSO < 3%) (72623-87-1)	
LD50 oral rat	> 5000 mg/kg bodyweight
LD50 dermal rabbit	> 2000 mg/kg bodyweight

Distillates (petroleum), hydrotreated heavy paraffinic (DMSO < 3%) (64742-54-7)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat (mg/l)	> 5.53 mg/l/4h

Distillates (petroleum), hydrotreated light paraffinic (DMSO < 3%) (64742-55-8)	
LD50 oral rat	> 5000 mg/kg bodyweight
LD50 dermal rabbit	> 2000 mg/kg bodyweight
LC50 inhalation rat (mg/l)	> 10.5 mg/l/4h

Distillates (petroleum), solvent-dewaxed heavy paraffinic (DMSO < 3%) (64742-65-0)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg

Zinc alkyl dithiophosphate (113706-15-3)	
LD50 oral rat	2600 mg/kg
LD50 dermal rabbit	> 3160 mg/kg
ATE US (oral)	2600 mg/kg bodyweight

Polybutene (9003-29-6)	
LD50 oral rat	> 34600 mg/kg
LD50 dermal rabbit	> 10250 mg/kg
LC50 inhalation rat (mg/l)	> 17.3 mg/l/4h

Skin corrosion/irritation : Not classified

Serious eye damage/irritation : Not classified. (Not irritating to rabbits on ocular application. Component. (Results obtained on a similar product))

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Suspected of damaging fertility or the unborn child.

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

Viscosity, kinematic : 69.9 - 88.7 mm²/s @ 40 °C

Symptoms/effects : Suspected of damaging fertility or the unborn child.

Reliant FS SAE 5W-30, Reliant FS SAE 5W-40

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Harmful to aquatic life with long lasting effects.

Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based (DMSO < 3%) (72623-87-1)	
LC50 fish 1	> 100 mg/l
EC50 Daphnia 1	> 10000 mg/l
ErC50 (algae)	>= 100 mg/l
NOEC (acute)	> 100 mg/kg
Distillates (petroleum), hydrotreated heavy paraffinic (DMSO < 3%) (64742-54-7)	
EC50 Daphnia 1	> 10000 mg/l
Distillates (petroleum), hydrotreated light paraffinic (DMSO <3%) (64742-55-8)	
LC50 fish 1	101 mg/l > 100 mg/l LL50. 101 is put in for calculations, per request of IPAC
Zinc alkyl dithiophosphate (113706-15-3)	
LC50 fish 1	4.5 mg/l 96 h Rainbow trout
tetrapropenylphenol (74499-35-7)	
NOEC (chronic)	0.002 mg/l
Polybutene (9003-29-6)	
LC50 fish 1	> 1000 mg/l
EC50 Daphnia 1	> 1000 mg/l

12.2. Persistence and degradability

Reliant FS SAE 5W-30, Reliant FS SAE 5W-40	
Persistence and degradability	Not established.
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based (DMSO < 3%) (72623-87-1)	
Persistence and degradability	Not readily biodegradable.
Biodegradation	2 - 4 %
Distillates (petroleum), hydrotreated light paraffinic (DMSO <3%) (64742-55-8)	
Persistence and degradability	Not readily biodegradable.
Distillates (petroleum), solvent-dewaxed heavy paraffinic (DMSO < 3%) (64742-65-0)	
Persistence and degradability	Not established.
Zinc alkyl dithiophosphate (113706-15-3)	
Persistence and degradability	Not readily biodegradable.
tetrapropenylphenol (74499-35-7)	
Persistence and degradability	Product persists.
Polybutene (9003-29-6)	
Persistence and degradability	This product is not expected to be biodegradable.

12.3. Bioaccumulative potential

Reliant FS SAE 5W-30, Reliant FS SAE 5W-40	
Bioaccumulative potential	Not established.
Distillates (petroleum), solvent-dewaxed heavy paraffinic (DMSO < 3%) (64742-65-0)	
Bioaccumulative potential	Not established.
Zinc alkyl dithiophosphate (113706-15-3)	
Log Pow	0.9
tetrapropenylphenol (74499-35-7)	
Log Pow	7.17
Polybutene (9003-29-6)	
Bioaccumulative potential	This product is not bioaccumulating.

12.4. Mobility in soil

Reliant FS SAE 5W-30, Reliant FS SAE 5W-40

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based (DMSO < 3%) (72623-87-1)	
Mobility in soil	22 %
Zinc alkyl dithiophosphate (113706-15-3)	
Ecology - soil	Absorbs to soil particles and will not be mobile.
Polybutene (9003-29-6)	
Ecology - soil	This material has low solubility and floats and is not expected to partition to water.

12.5. Other adverse effects

Reliant FS SAE 5W-30, Reliant FS SAE 5W-40	
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based (DMSO < 3%) (72623-87-1)	
Distillates (petroleum), hydrotreated heavy paraffinic (DMSO < 3%) (64742-54-7)	
Distillates (petroleum), hydrotreated light paraffinic (DMSO < 3%) (64742-55-8)	
Distillates (petroleum), solvent-dewaxed heavy paraffinic (DMSO < 3%) (64742-65-0)	
Zinc alkyl dithiophosphate (113706-15-3)	
tetrapropenylphenol (74499-35-7)	
Polybutene (9003-29-6)	

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 regulated.

Air transport

Not regulated.

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

Reliant FS SAE 5W-30, Reliant FS SAE 5W-40

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

vinyl acetate	CAS-No. 108-05-4
ethylene glycol	CAS-No. 107-21-1

Zinc alkyl dithiophosphate (113706-15-3)

EPA TSCA Regulatory Flag

P - P - indicates a commenced Premanufacture Notice (PMN) substance.

15.2. International regulations

CANADA

No additional information available

Distillates (petroleum), hydrotreated heavy paraffinic (DMSO < 3%) (64742-54-7)

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

Distillates (petroleum), hydrotreated light paraffinic (DMSO <3%) (64742-55-8)

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

Distillates (petroleum), solvent-dewaxed heavy paraffinic (DMSO < 3%) (64742-65-0)

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

Zinc alkyl dithiophosphate (113706-15-3)

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

tetrapropenylphenol (74499-35-7)

Listed on the Canadian NDSL (Non-Domestic Substances List)

Polybutene (9003-29-6)

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

EU-Regulations

No additional information available

Distillates (petroleum), hydrotreated heavy paraffinic (DMSO < 3%) (64742-54-7)

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

Distillates (petroleum), hydrotreated light paraffinic (DMSO <3%) (64742-55-8)

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

Distillates (petroleum), solvent-dewaxed heavy paraffinic (DMSO < 3%) (64742-65-0)

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

Zinc alkyl dithiophosphate (113706-15-3)

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

tetrapropenylphenol (74499-35-7)

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

Polybutene (9003-29-6)

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

National regulations

Distillates (petroleum), hydrotreated heavy paraffinic (DMSO < 3%) (64742-54-7)

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)
Listed on NZIoC (New Zealand Inventory of Chemicals)

Reliant FS SAE 5W-30, Reliant FS SAE 5W-40

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Distillates (petroleum), hydrotreated light paraffinic (DMSO <3%) (64742-55-8)

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

Distillates (petroleum), solvent-dewaxed heavy paraffinic (DMSO < 3%) (64742-65-0)

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

tetrapropenylphenol (74499-35-7)

Not listed on the AICS (Australian Inventory of Chemical Substances)
 Listed on Taiwan National Chemical Inventory
 Listed on NZIoC (New Zealand Inventory of Chemicals)
 Listed on KECI (Korean Existing Chemicals Inventory)
 Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
 Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
 Not listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

Polybutene (9003-29-6)

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

⚠ WARNING: This product can expose you to Benzene, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Component	Carcinogenicity	Developmental toxicity	Reproductive toxicity male	Reproductive toxicity female	No significant risk level (NSRL)	Maximum allowable dose level (MADL)
Nickel compounds(trade secret)	X					
Benzene(71-43-2)	X	X	X		6.4 µg/day (oral); 13 µg/day (inhalation)	24 µg/day (oral); 49 µg/day (inhalation)
Toluene(108-88-3)		X				7000 µg/day (oral); 13000 µg/day (inhalation)
ethylene glycol(107-21-1)		X				8700 µg/day (oral)
lead/lead compounds()	X	X	X	X	15 µg/day	0.5 µg/day

SECTION 16: Other information

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision date : 12/11/2018

Reliant FS SAE 5W-30, Reliant FS SAE 5W-40

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Data sources : 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. OSHA 29CFR 1910.1200 Hazard Communication Standard. TSCA Chemical Substance Inventory. Accessed at <http://www.epa.gov/oppt/existingchemicals/pubs/tscainventory/howto.html>.

Other information : None.

Full text of H-statements:

Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2A	Serious eye damage/eye irritation, Category 2A
Repr. 2	Reproductive toxicity, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H361	Suspected of damaging fertility or the unborn child.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

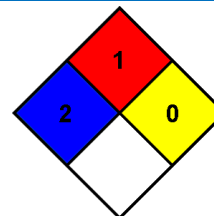
Abbreviations and acronyms:

	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
	STEL: Short Term Exposure Limits
	TSCA: Toxic Substances Control Act
	TWA: Time Weighted Average
	WEL: Workplace Exposure Limit

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:

Regulatory information.

SDS prepared by The Redstone Group, LLC
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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