

# Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations  
Issue date: 2/9/2021 Revision date: 1/24/2023 Supersedes: 8/15/2022 Version: 1.3

## SECTION 1 Identification

### 1.1. Product identifier

Product form : Mixture  
Trade name : WRL™  
Product code : J340

### 1.2. Other means of identification

No additional information available

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

Use of the substance/mixture : Lubricant

### 1.4. Supplier's details

#### Manufacturer

Whitmore Manufacturing LLC  
930 Whitmore Drive  
Rockwall, Texas, 75087  
USA  
T 1.972.771.1000  
[Regulatory@whitmores.com](mailto:Regulatory@whitmores.com) - [www.jetlube.com](http://www.jetlube.com)

### 1.5. Emergency phone number

Emergency number : For Chemical Emergency Call Ricardo Emergency Response 24hr/day 7days/week  
Within USA and Canada: +1.215.207.0061  
Outside USA and Canada: +44.1235.239670  
(collect calls accepted)

Country/Area	Organization/Company	Address	Emergency number	Comment
United States	Ricardo-United States		+1.866.928.0789 (toll-free, US only)	

## SECTION 2 Hazard Identification

### 2.1. Classification of the substance or mixture

#### GHS US classification

Not classified

### 2.2. Label elements

#### GHS US labeling

No labeling applicable

### 2.3. Hazards associated with known or reasonably anticipated uses

No additional information available

### 2.4. Hazards not otherwise classified

No additional information available

### 2.5. Unknown acute toxicity

No additional information available

## SECTION 3 Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	GHS US classification
tris(dipentylidithiocarbamate-S,S')antimony	CAS-No.: 15890-25-2	1 – 2	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332

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

## SECTION 4 First aid measures

### 4.1. Description of necessary first-aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.  
First-aid measures after skin contact : Wash skin with plenty of water.

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First-aid measures after eye contact : Rinse eyes with water as a precaution.  
 First-aid measures after ingestion : Call a poison center/doctor/physician if you feel unwell.

**4.2. Most important symptoms/effects, acute and delayed**

Potential Adverse human health effects and symptoms : Causes serious eye irritation. (Annex VI). Causes skin irritation. May be fatal if swallowed and enters airways.

**4.3. Indication of immediate medical attention and special treatment needed, if necessary**

Other medical advice or treatment : Treat symptomatically.

**SECTION 5: Fire-fighting measures****5.1. Suitable (and unsuitable) extinguishing media**

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

**5.2. Specific hazards arising from the chemical**

Hazardous decomposition products in case of fire : Toxic fumes may be released.

**5.3. Special protective equipment and precautions for fire-fighters**

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

**SECTION 6 Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures****For non-emergency personnel**

Emergency procedures : Exercise caution. Spill area may be slippery.

**For emergency responders**

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

Environmental precautions : Avoid release to the environment.

**6.2. Methods and materials for containment and cleaning up**

Methods for cleaning up : Take up liquid spill into absorbent material.

Other information : Dispose of materials or solid residues at an authorized site.

For further information refer to section 13

**SECTION 7 Handling and storage****7.1. Precautions for safe handling**

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

**7.2. Conditions for safe storage, including incompatibilities**

Storage conditions : Store in a well-ventilated place. Keep cool.

**SECTION 8 Exposure controls/personal protection****8.1. Control parameters**

tris(dipentylidithiocarbamate-S,S')antimony (15890-25-2)

USA - ACGIH - Occupational Exposure Limits

ACGIH OEL TWA	0.5 mg/m <sup>3</sup>
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**8.2. Appropriate engineering controls**

Appropriate engineering controls : Ensure good ventilation of the work station.

Environmental exposure controls : Avoid release to the environment.

**8.3. Individual protection measures, such as personal protective equipment****Materials for protective clothing:**

Wear protective clothing
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<b>Hand protection:</b>				
Neoprene or nitrile rubber gloves				
<b>Type</b>	<b>Material</b>	<b>Permeation</b>	<b>Thickness (mm)</b>	<b>Penetration</b>
Disposable gloves	Nitrile rubber (NBR), Neoprene rubber (HNBR)	2 (> 30 minutes)	0.3 mm - 0.6 mm	
<b>Eye protection:</b>				
Wear eye protection				
<b>Skin and body protection:</b>				
Wear suitable protective clothing				
<b>Respiratory protection:</b>				
No respiratory protection needed under normal use conditions				

**SECTION 9 Physical and chemical properties****9.1. Basic physical and chemical properties**

Physical state	: Liquid
Appearance	: Liquid.
Color	: amber
Odor	: petroleum-like odor
Odor threshold	: No data available
pH	: 7
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: 199 – 260 °C
Flash point	: > 166 °C Cleveland Open Cup Method
Flammability (solid, gas)	: No data available
Vapor pressure	: No data available
Relative vapor density at 20°C	: No data available
Relative density	: No data available
Solubility	: Insoluble in water.
Partition coefficient n-octanol/water (Log Pow)	: 3.3 – 6
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: 19.8 – 24.2 mm²/s @ 40°C
Explosion limits	: No data available
Particle characteristics	: No data available

**9.2. Data relevant with regard to physical hazard classes (supplemental)**

No additional information available

**SECTION 10 Stability and reactivity****10.1. Reactivity**

The product is non-reactive under normal conditions of use, storage and transport.

**10.2. Chemical stability**

Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

No dangerous reactions known under normal conditions of use.

**10.4. Conditions to avoid**

None under recommended storage and handling conditions (see section 7).

**10.5. Incompatible materials**

No additional information available

**10.6. Hazardous decomposition products**

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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**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

**tris(dipentylidithiocarbamato-S,S')antimony (15890-25-2)**

ATE US (oral)	500 mg/kg body weight
ATE US (dust, mist)	1.5 mg/l/4h
Skin corrosion/irritation	: Not classified pH: 7
Serious eye damage/irritation	: Not classified pH: 7
Respiratory or skin sensitization	: 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

**WRL™**

Viscosity, kinematic	19.8 – 24.2 mm²/s @ 40°C
Potential Adverse human health effects and symptoms	: Causes serious eye irritation. (Annex VI). Causes skin irritation. May be fatal if swallowed and enters airways.

**SECTION 12 Ecological information****12.1. Ecotoxicity**

Ecology - general	: The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.
Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Not classified

**12.2. Persistence and degradability****WRL™**

Persistence and degradability	Not rapidly degradable
<b>tris(dipentylidithiocarbamato-S,S')antimony (15890-25-2)</b>	
Persistence and degradability	Not rapidly degradable

**12.3. Bioaccumulative potential****WRL™**

Partition coefficient n-octanol/water (Log Pow)	3.3 – 6
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**12.4. Mobility in soil**

No additional information available

**12.5. Other adverse effects**

Ozone	: Not classified
Fluorinated greenhouse gases	: No

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**SECTION 13 Disposal considerations**

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

**SECTION 14 Transport information**

In accordance with DOT / TDG / IMDG / IATA

DOT	TDG	IMDG	IATA
<b>14.1. UN number</b>			
Not regulated for transport			
<b>14.2. Proper Shipping Name</b>			
Not regulated	Not regulated	Not regulated	Not regulated
<b>14.3. Transport hazard class(es)</b>			
Not regulated	Not regulated	Not regulated	Not regulated
<b>14.4. Packing group</b>			
Not regulated	Not regulated	Not regulated	Not regulated
<b>14.5. Environmental hazards</b>			
Not regulated	Not regulated	Not regulated	Not regulated
No supplementary information available			

**14.6. Transport in bulk**

Not applicable

**14.7. Special precautions for user****DOT**

Not regulated

**TDG**

Not regulated

**IMDG**

Not regulated

**IATA**

Not regulated

**SECTION 15 Regulatory information****15.1. Federal regulations**

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

**15.2. International regulations****CANADA****tris(dipentylidithiocarbamate-S,S')antimony (15890-25-2)**

Listed on the Canadian DSL (Domestic Substances List)

**EU-Regulations****tris(dipentylidithiocarbamate-S,S')antimony (15890-25-2)**

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

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## National regulations

**tris(dipentylidithiocarbamate-S,S')antimony (15890-25-2)**

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
Listed on the TCSI (Taiwan Chemical Substance Inventory)  
Listed on NZIoC (New Zealand Inventory of Chemicals)  
Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)  
Listed on KECI (Korean Existing Chemicals Inventory)

**15.3. 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
soybean oil(8001-22-7)	U.S. - Pennsylvania - RTK (Right to Know) List

**SECTION 16 Other information**

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**Full text of hazard classes and H-statements**

H302	Harmful if swallowed
H332	Harmful if inhaled

Safety Data Sheet (SDS), USA

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.