

SECTION 1: Identification

1.1. Product identifier

Product form : Mixture
Trade name : WLD® Aerosol
Product group : Mixtures

1.2. Recommended use and restrictions on use

No additional information available

1.3. Supplier

Manufacturer

Whitmore Manufacturing LLC
930 Whitmore Drive
Rockwall, Texas, 75087
USA
T 1.972.771.1000

Regulatory@whitmores.com - www.jetlube.com

Distributor

Jet-Lube of Canada LTD
Units 8 & 9, 1260 - 34 Avenue
Nisku, AB, T9E 1K7
Canada
T 1.780.463.7441

Regulatory@whitmores.com - www.jetlube.com

1.4. Emergency telephone number

Emergency number : For Chemical Emergency Call CHEMTREC 24hr/day 7days/week
Within USA and Canada: 1.800.424.9300
Outside USA and Canada: +1.703.527.3887
(collect calls accepted)

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

Classification (GHS CA)

Flammable aerosol Category 1

H222

Extremely flammable aerosol

Full text of H statements : see section 16

2.2. GHS Label elements, including precautionary statements

GHS CA labeling

Hazard pictograms (GHS CA)



Signal word (GHS CA)

: Danger

Hazard statements (GHS CA)

: H222 - Extremely flammable aerosol

Precautionary statements (GHS CA)

: P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211 - Do not spray on an open flame or other ignition source.
P251 - Do not pierce or burn, even after use.
P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS CA)

No data available

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SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Name | Chemical name / Synonyms | Product identifier | % | Classification (GHS CA) |
|---|--|---------------------|--------|--|
| tris(dipentylidithiocarbamate-S,S')antimony | antimony, tris(dipentylcarbamodithioato-S,S')-, (OC-6-11)- / tris(dipentylidithiocarbamate-S,S')antimony | CAS-No.: 15890-25-2 | 3.2994 | Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 |
| 4-methyl-1,3-dioxolan-2-one | 1,2-propanediol carbonate / 1,2-propanediol cyclic carbonate / 1,2-propanediyl carbonate | CAS-No.: 108-32-7 | 1.062 | Eye Irrit. 2, H319 |

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

No additional information available

4.3. Immediate medical attention and special treatment, if necessary

Other medical advice or treatment : Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

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

5.2. Unsuitable extinguishing media

No additional information available

5.3. Specific hazards arising from the hazardous product

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

5.4. 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.

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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No additional information available

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.

6.3. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection"

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 any incompatibilities

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

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

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/Personal protective equipment

Hand protection:

Neoprene or nitrile rubber gloves

| Type | Material | Permeation | Thickness (mm) | Penetration |
|-------------------|---|------------------|-----------------|-------------|
| Disposable gloves | Nitrile rubber (NBR), Neoprene rubber (HNBR) | 2 (> 30 minutes) | 0.3 mm - 0.6 mm | |

Eye protection:

Wear eye protection

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---|-----------------------|
| Physical state | : Liquid |
| Appearance | : Aerosol. |
| Color | : Black |
| Odor | : Solvents |
| Odor threshold | : No data available |
| pH | : No data available |
| Relative evaporation rate (butyl acetate=1) | : No data available |
| Relative evaporation rate (ether=1) | : No data available |
| Melting point | : Not applicable |
| Freezing point | : No data available |
| Boiling point | : No data available |
| Flash point | : > 77 °C |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Flammability (solid, gas) | : Not applicable |
| 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) | : No data available |
| Viscosity, kinematic | : > 25 mm²/s |
| Explosion limits | : No data available |

9.2. Other information

| | |
|-------------|-----------|
| VOC content | : 260 g/l |
|-------------|-----------|

SECTION 10: Stability and reactivity

| | |
|------------------------------------|--|
| Reactivity | : The product is non-reactive under normal conditions of use, storage and transport. |
| Chemical stability | : Stable under normal conditions. |
| Possibility of hazardous reactions | : No dangerous reactions known under normal conditions of use. |
| Conditions to avoid | : None under recommended storage and handling conditions (see section 7). |
| Incompatible materials | : No additional information available |
| Hazardous decomposition products | : Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| Hardening time: | : No additional information available |

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 |

| 4-methyl-1,3-dioxolan-2-one (108-32-7) | |
|--|---|
| LD50 oral rat | > 5000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity) |
| LD50 dermal rabbit | > 2000 mg/kg body weight (OECD 402: Acute Dermal Toxicity, 24 h, Rabbit, Male / female, Experimental value, Dermal) |
| tris(dipentylidithiocarbamate-S,S')antimony (15890-25-2) | |
| ATE CA (oral) | 500 mg/kg body weight |
| ATE CA (Gases (except aerosol dispensers and lighters)) | 4500 ppmV/4h |
| ATE CA (vapors) | 11 mg/l/4h |
| ATE CA (dust,mist) | 1.5 mg/l/4h |

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Skin corrosion/irritation : Not classified

| 4-methyl-1,3-dioxolan-2-one (108-32-7) | |
|--|-----------------|
| pH | 7 (20 %, 20 °C) |

Serious eye damage/irritation : Not classified

| 4-methyl-1,3-dioxolan-2-one (108-32-7) | |
|--|-----------------|
| pH | 7 (20 %, 20 °C) |

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

| 4-methyl-1,3-dioxolan-2-one (108-32-7) | |
|--|---|
| NOAEL (oral, rat, 90 days) | > 5000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents) |

Aspiration hazard : Not classified

| WLD® Aerosol | |
|----------------------|------------|
| Vaporizer | Aerosol |
| Viscosity, kinematic | > 25 mm²/s |

| 4-methyl-1,3-dioxolan-2-one (108-32-7) | |
|---|-------|
| Animal studies and expert judgment for classification | False |

| tris(dipentylidithiocarbamate-S,S')antimony (15890-25-2) | |
|--|-------|
| Animal studies and expert judgment for classification | False |

SECTION 12: Ecological information

12.1. Toxicity

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

| 4-methyl-1,3-dioxolan-2-one (108-32-7) | |
|--|--|
| LC50 - Fish [1] | > 1000 mg/l Test organisms (species): Cyprinus carpio |
| EC50 - Crustacea [1] | > 1000 mg/l Test organisms (species): Daphnia magna |
| EC50 72h - Algae [1] | > 929 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) |
| EC50 96h - Algae [1] | > 929 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) |

12.2. Persistence and degradability

| 4-methyl-1,3-dioxolan-2-one (108-32-7) | |
|--|-------------------------------------|
| Persistence and degradability | Readily biodegradable in water. |
| Biochemical oxygen demand (BOD) | 0.046 g O ₂ /g substance |
| Chemical oxygen demand (COD) | 1.29 g O ₂ /g substance |

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12.3. Bioaccumulative potential

4-methyl-1,3-dioxolan-2-one (108-32-7)

| | |
|---|------------------------------------|
| Bioaccumulative potential | Not bioaccumulative. |
| Partition coefficient n-octanol/water (Log Pow) | -0.48 – -0.41 (Experimental value) |

12.4. Mobility in soil

4-methyl-1,3-dioxolan-2-one (108-32-7)

12.5. Other adverse effects

Ozone : Not classified

SECTION 13: Disposal considerations

13.1. Disposal methods

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

SECTION 14: Transport information

In accordance with TDG / DOT / IMDG / IATA

14.1. UN number

UN-No. (TDG) : UN1950
DOT NA No : UN1950
UN-No. (IMDG) : 1950
UN-No. (IATA) : 1950

14.2. UN proper shipping name

Proper Shipping Name (TDG) : AEROSOLS
Proper Shipping Name (DOT) : Aerosols
Proper Shipping Name (IMDG) : AEROSOLS
Proper Shipping Name (IATA) : Aerosols, flammable

14.3. Transport hazard class(es)

TDG

Transport hazard class(es) (TDG) : 2.1
Hazard labels (TDG) : 2.1



DOT

Transport hazard class(es) (DOT) : 2.1
Hazard labels (DOT) : 2.1



IMDG

Transport hazard class(es) (IMDG) : 2.1
Hazard labels (IMDG) : 2.1

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IATA

Transport hazard class(es) (IATA)

: 2.1

Hazard labels (IATA)

: 2.1

:



14.4. Packing group

Packing group (TDG)

: Not applicable

Packing group (DOT)

: Not applicable

Packing group (IMDG)

: Not applicable

Packing group (IATA)

: Not applicable

14.5. Environmental hazards

Other information

: No supplementary information available.

14.6. Special precautions for user

TDG

UN-No. (TDG)

: UN1950

TDG Special Provisions

: 80 - Despite section 1.17 of Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases), a person must not offer for transport or transport these dangerous goods unless they are in a means of containment that is in compliance with the requirements for transporting gases in Part 5 (Means of Containment), 107 - (1) These Regulations, except for Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases) and Part 2 (Classification), do not apply to the handling, offering for transport or transporting of UN1950, AEROSOLS, and UN2037, GAS CARTRIDGES, that contain dangerous goods included in Class 2.1 or Class 2.2 and that are transported on a road vehicle, a railway vehicle or a vessel on a domestic voyage, if the aerosols or gas cartridges have a capacity less than or equal to 50 mL.
(2) Subsection (1) does not apply to self-defence spray.

Explosive Limit and Limited Quantity Index

: 1 L

Excepted quantities (TDG)

: E0

Passenger Carrying Road Vehicle or Passenger

: 75 L

Carrying Railway Vehicle Index

Emergency Response Guide (ERG) Number

: 126

DOT

UN-No.(DOT)

: UN1950

DOT Special Provisions (49 CFR 172.102)

: N82 - See 173.306 of this subchapter for classification criteria for flammable aerosols.

DOT Packaging Exceptions (49 CFR 173.xxx)

: 306

DOT Packaging Non Bulk (49 CFR 173.xxx)

: None

DOT Packaging Bulk (49 CFR 173.xxx)

: None

DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)

: 75 kg

DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)

: 150 kg

DOT Vessel Stowage Location

: A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.

DOT Vessel Stowage Other

: 25 - Protected from sources of heat, 87 - Stow "separated from" Class 1 (explosives) except Division 14, 126 - Segregation same as for Class 9, miscellaneous hazardous materials

IMDG

Special provision (IMDG)

: 63, 190, 277, 327, 344, 381, 959

Packing instructions (IMDG)

: P207, LP200

Packing provisions (IMDG)

: PP87, L2

EmS-No. (Fire)

: F-D - FIRE SCHEDULE Delta - FLAMMABLE GASES

EmS-No. (Spillage)

: S-U - SPILLAGE SCHEDULE Uniform - GASES (FLAMMABLE, TOXIC OR CORROSIVE)

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Stowage category (IMDG) : None
Stowage and handling (IMDG) : SW1, SW22
Segregation (IMDG) : SG69

IATA

PCA Excepted quantities (IATA) : E0
PCA Limited quantities (IATA) : Y203
PCA limited quantity max net quantity (IATA) : 30kgG
PCA packing instructions (IATA) : 203
PCA max net quantity (IATA) : 75kg
CAO packing instructions (IATA) : 203
CAO max net quantity (IATA) : 150kg
Special provision (IATA) : A145, A167, A802
ERG code (IATA) : 10L

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. National regulations

4-methyl-1,3-dioxolan-2-one (108-32-7)

[Listed on the Canadian DSL \(Domestic Substances List\)](#)

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

[Listed on the Canadian DSL \(Domestic Substances List\)](#)

15.2. International regulations

4-methyl-1,3-dioxolan-2-one (108-32-7)

[Listed on the United States TSCA \(Toxic Substances Control Act\) inventory](#)
[Listed on IECSC \(Inventory of Existing Chemical Substances Produced or Imported in China\)](#)
[Listed on NZIoC \(New Zealand Inventory of Chemicals\)](#)
[Listed on INSQ \(Mexican National Inventory of Chemical Substances\)](#)
[Listed introduction on Australian Industrial Chemicals Introduction Scheme \(AICIS Inventory\)](#)

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

[Listed on the United States TSCA \(Toxic Substances Control Act\) inventory](#)
[Listed on IECSC \(Inventory of Existing Chemical Substances Produced or Imported in China\)](#)
[Listed on NZIoC \(New Zealand Inventory of Chemicals\)](#)
[Listed introduction on Australian Industrial Chemicals Introduction Scheme \(AICIS Inventory\)](#)

SECTION 16: Other information

Issue date : 06-17-2022
Revision date : 06-17-2022
Supersedes : 06-17-2022

Full text of H-phrases:

| | |
|------|-------------------------------|
| H222 | Extremely flammable aerosol |
| H302 | Harmful if swallowed |
| H319 | Causes serious eye irritation |
| H332 | Harmful if inhaled |

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Safety Data Sheet (SDS), Canada

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.