



SUR-PREP 3167 AEROSOL

Safety Data Sheet

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

Revision date: 10/01/2019

SECTION 1: Identification

1.1. Identification

Product form : Mixture
Product name : SUR-PREP 3167 AEROSOL

1.2. Recommended use and restrictions on use

Use of the substance/mixture : Washing and cleaning products (Including solvent based products.)
Recommended use : Washing and cleaning products (including solvent based products)

1.3. Supplier

No additional information available

1.4. Emergency telephone number

Emergency number : 1-800-424-9300

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

| | | |
|--------------------------------------------------|------|-----------------------------------|
| Flammable aerosol | H223 | Flammable aerosol |
| Category 2 | | |
| Specific target organ toxicity (single exposure) | H336 | May cause drowsiness or dizziness |
| Category 3 | | |

Full text of H statements : see section 16

2.2. GHS Label elements, including precautionary statements

GHS US labeling

Hazard pictograms (GHS US) :



Signal word (GHS US) : Warning

Hazard statements (GHS US) : H223 - Flammable aerosol
H336 - May cause drowsiness or dizziness

Precautionary statements (GHS US) : 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 - Pressurized container: Do not pierce or burn, even after use.
P261 - Avoid breathing vapors.
P271 - Use only outdoors or in a well-ventilated area.
P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing
P312 - Call a POISON CENTER if you feel unwell
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
P405 - Store locked up.
P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P501 - Dispose of contents/container to a hazardous or special waste collection point

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

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| Name | Product identifier | % | GHS US classification |
|-----------------------------------------------------------------------|----------------------|-------|-----------------------------------------|
| 1-METHOXY-2-PROPANOL | (CAS-No.) 107-98-2 | 80-90 | Flam. Liq. 3, H226 STOT SE 3, H336 |
| hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics | (CAS-No.) 64742-47-8 | 5-15 | Flam. Liq. 4, H227 Asp. Tox. 1, H304 |

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 | : If you feel unwell, seek medical advice. Call a poison center/doctor/physician if you feel unwell. |
| 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)

| | |
|-------------------------------------|-------------------------------------------------------------------|
| Symptoms/effects | : May cause drowsiness or dizziness. |
| Symptoms/effects after inhalation | : May cause headache, nausea and irritation of respiratory tract. |
| Symptoms/effects after skin contact | : Causes skin irritation. |
| Symptoms/effects after eye contact | : Causes serious eye irritation. |
| Symptoms/effects after ingestion | : Harmful if swallowed. |

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 | : Water spray. Dry powder. Foam. Carbon dioxide. |
|------------------------------|--------------------------------------------------|

5.2. Specific hazards arising from the chemical

| | |
|-------------|----------------------|
| Fire hazard | : Flammable aerosol. |
|-------------|----------------------|

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

| | |
|------------------|-----------------------------------------------------------------|
| General measures | : Avoid contact with skin and eyes. Stop leak if safe to do so. |
|------------------|-----------------------------------------------------------------|

6.1.1. For non-emergency personnel

| | |
|----------------------|------------------------------------------------------------------------------------------------------------------------|
| Protective equipment | : Wear recommended personal protective equipment. |
| Emergency procedures | : Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid breathing dust/fume/gas/mist/vapors/spray. |

6.1.2. 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". |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

| | |
|-------------------------|-----------------------------------------------------------------|
| Methods for cleaning up | : Mechanically recover the product. |
| Other information | : Dispose of materials or solid residues at an authorized site. |

6.4. Reference to other sections

For further information refer to section 13.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Wear personal protective equipment. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapors/spray.
- 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 : Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F. Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.
- Incompatible products : Oxidizing agent. Strong acids.
- Incompatible materials : Heat sources.
- Storage area : Store in a well-ventilated place.
- Special rules on packaging : Keep only in original container.
- Packaging materials : Keep only in the original container in a cool, well-ventilated place away from combustible materials.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| SUR-PREP 3167 AEROSOL | |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| USA - ACGIH - Occupational Exposure Limits | |
| Local name | 1-Methoxy-2-propanol |
| ACGIH TWA (ppm) | 50 ppm |
| ACGIH STEL (ppm) | 100 ppm |
| Remark (ACGIH) | TLV® Basis: Eye & URT irr. Notations: A4 (Not classifiable as a Human Carcinogen) |
| Regulatory reference | ACGIH 2019 |
| 1-METHOXY-2-PROPANOL (107-98-2) | |
| USA - ACGIH - Occupational Exposure Limits | |
| Local name | 1-Methoxy-2-propanol |
| ACGIH TWA (ppm) | 50 ppm |
| ACGIH STEL (ppm) | 100 ppm |
| Remark (ACGIH) | TLV® Basis: Eye & URT irr. Notations: A4 (Not classifiable as a Human Carcinogen) |
| Regulatory reference | ACGIH 2019 |
| hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-47-8) | |
| 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

Personal protective equipment:

Protective clothing. Safety glasses. Gloves.

Hand protection:

Protective gloves

Eye protection:

Safety glasses

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

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In case of insufficient ventilation, wear suitable respiratory equipment

Personal protective equipment symbol(s):



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---------------------------------------------|----------------------|
| Physical state | : Liquid |
| Color | : Colorless |
| Odor | : aromatic |
| Odor 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 | : 31 °C |
| Relative evaporation rate (butyl acetate=1) | : No data available |
| Flammability (solid, gas) | : Flammable aerosol. |
| Vapor pressure | : No data available |
| Relative vapor density at 20 °C | : No data available. |
| Relative density | : 0.8 |
| Specific gravity / density | : 0.9 g/ml |
| Solubility | : No data available |
| Log Pow | : No data available |
| Auto-ignition temperature | : No data available. |
| Decomposition temperature | : No data available |
| Viscosity, kinematic | : No data available |
| Viscosity, dynamic | : No data available |
| Explosion limits | : No data available |
| Explosive properties | : No data available |
| Oxidizing properties | : No data available |

9.2. Other information

| | |
|-------------|-------|
| VOC content | : 804 |
|-------------|-------|

SECTION 10: Stability and reactivity

10.1. Reactivity

Flammable aerosol.

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

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

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 |

| 1-METHOXY-2-PROPANOL (107-98-2) | |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| LD50 oral rat | 4016 mg/kg body weight (EU Method B.1 tris: Acute oral toxic – Acute toxic class method, Rat, Male / female, Experimental value, Oral) |
| LD50 dermal rat | > 2000 mg/kg body weight (Other, 24 h, Rat, Male / female, Experimental value, Dermal) |
| ATE US (oral) | 4016 mg/kg body weight |

| hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-47-8) | |
|------------------------------------------------------------------------------------|-------------------------------------------------------|
| LD50 dermal rabbit | > 5000 mg/kg body weight (Rabbit, Literature, Dermal) |

| | |
|-----------------------------------|-----------------------------------------------------------------------------|
| Skin corrosion/irritation | : Not classified Causes skin irritation pH: No data available. |
| Serious eye damage/irritation | : Not classified Causes serious eye irritation pH: No data available. |
| Respiratory or skin sensitization | : Not classified May cause an allergic skin reaction |
| Germ cell mutagenicity | : Not classified |
| Carcinogenicity | : Not classified |
| Reproductive toxicity | : Not classified |
| STOT-single exposure | : May cause drowsiness or dizziness. |

| 1-METHOXY-2-PROPANOL (107-98-2) | |
|---------------------------------|------------------------------------|
| STOT-single exposure | May cause drowsiness or dizziness. |

| | |
|-------------------------------------|-------------------------------------------------------------------|
| STOT-repeated exposure | : Not classified |
| Aspiration hazard | : Not classified |
| Viscosity, kinematic | : No data available |
| Symptoms/effects | : May cause drowsiness or dizziness. |
| Symptoms/effects after inhalation | : May cause headache, nausea and irritation of respiratory tract. |
| Symptoms/effects after skin contact | : Causes skin irritation. |
| Symptoms/effects after eye contact | : Causes serious eye irritation. |
| Symptoms/effects after ingestion | : Harmful if swallowed. |

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. |
|-------------------|------------------------------------------------------------------------------------------------------------------------|

| 1-METHOXY-2-PROPANOL (107-98-2) | |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| LC50 fish 1 | >= 1000 mg/l (Equivalent or similar to OECD 203, 96 h, Oncorhynchus mykiss, Semi-static system, Fresh water, Experimental value, Nominal concentration) |
| ErC50 (algae) | > 1000 mg/l (Other, 168 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP) |

| hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-47-8) | |
|------------------------------------------------------------------------------------|---------------------------|
| LC50 fish 1 | > 100 mg/l (Pisces) |
| EC50 Daphnia 1 | > 100 mg/l (Invertebrata) |

12.2. Persistence and degradability

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1-METHOXY-2-PROPANOL (107-98-2)

| | |
|-------------------------------|------------------------------------------------------------|
| Persistence and degradability | Biodegradable in the soil. Readily biodegradable in water. |
| ThOD | 1.95 g O ₂ /g substance |

hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-47-8)

| | |
|-------------------------------|---------------------------------|
| Persistence and degradability | Readily biodegradable in water. |
|-------------------------------|---------------------------------|

12.3. Bioaccumulative potential

1-METHOXY-2-PROPANOL (107-98-2)

| | |
|---------------------------|--------------------------------------------------------------------|
| BCF fish 1 | 1 (Pimephales promelas) |
| Log Pow | < 1 (Experimental value, Equivalent or similar to OECD 117, 20 °C) |
| Bioaccumulative potential | Not bioaccumulative. |

hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-47-8)

| | |
|---------------------------|---------------------------------------------------|
| Log Pow | 6 - 8.2 |
| Bioaccumulative potential | High potential for bioaccumulation (Log Kow > 5). |

12.4. Mobility in soil

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| | |
|------------------|-----------------------------------------------|
| Mobility in soil | Insoluble in water. Floats on water. Volatile |
|------------------|-----------------------------------------------|

1-METHOXY-2-PROPANOL (107-98-2)

| | |
|-----------------|---------------------------------------------------------------------------|
| Surface tension | 0.0707 N/m (20 °C, 1 g/l, OECD 115: Surface Tension of Aqueous Solutions) |
| Ecology - soil | Low potential for adsorption in soil. |

hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-47-8)

| | |
|-----------------|------------------------|
| Surface tension | 0.026 N/m (20 °C) |
| Ecology - soil | Adsorbs into the soil. |

12.5. Other adverse effects

No additional information available

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

Department of Transportation (DOT)

In accordance with DOT

Transport document description : UN1950 Aerosols, 2.1
UN-No.(DOT) : UN1950
Proper Shipping Name (DOT) : Aerosols
Class (DOT) : 2.1 - Class 2.1 - Flammable gas 49 CFR 173.115
Hazard labels (DOT) : 2.1 - Flammable gas



DOT Packaging Non Bulk (49 CFR 173.xxx) : None
DOT Packaging Bulk (49 CFR 173.xxx) : None
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 Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : 75 kg
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : 150 kg

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| | |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 |
| Emergency Response Guide (ERG) Number | : 126 |
| Other information | : No supplementary information available. |

Transportation of Dangerous Goods

Not regulated

Transport by sea

| | |
|---------------------------------------|-------------------------|
| Transport document description (IMDG) | : UN 1950 AEROSOLS, 2.1 |
| UN-No. (IMDG) | : 1950 |
| Proper Shipping Name (IMDG) | : AEROSOLS |
| Class (IMDG) | : 2 - Gases |

Air transport

| | |
|---------------------------------------|------------------------------------|
| Transport document description (IATA) | : UN 1950 Aerosols, flammable, 2.1 |
| UN-No. (IATA) | : 1950 |
| Proper Shipping Name (IATA) | : Aerosols, flammable |
| Class (IATA) | : 2 |

SECTION 15: Regulatory information

15.1. US Federal regulations

SUR-PREP 3167 AEROSOL

Listed on the United States TSCA (Toxic Substances Control Act) inventory

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

1-METHOXY-2-PROPANOL (107-98-2)

Listed on the Canadian DSL (Domestic Substances List)

hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-47-8)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

National regulations

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Listed on the AICS (Australian Inventory of Chemical Substances)

Listed on KECI (Korean Existing Chemicals 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

SECTION 16: Other information

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Full text of H-phrases:

| | |
|------|----------------------------------------------|
| H223 | Flammable aerosol |
| H226 | Flammable liquid and vapour |
| H227 | Combustible liquid |
| H304 | May be fatal if swallowed and enters airways |
| H336 | May cause drowsiness or dizziness |

Hazard Rating

- Health : 1 Slight Hazard - Irritation or minor reversible injury possible
- Flammability : 1 Slight Hazard - Materials that must be preheated before ignition will occur. Includes liquids, solids and semi solids having a flash point above 200 F. (Class IIIB)
- Physical : 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.
- Personal protection : B
B - Safety glasses, Gloves

SDS US (GHS HazCom 2012)

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.