# SAFETY DATA SHEET

Sani-Drip

## Section 1. Identification

**Product identifier** : Sani-Drip

**Product code** : 20-10100, 1001174, 1001175

**Product type** : Liquid.

### Relevant identified uses of the substance or mixture and uses advised against

#### Identified uses

Industrial applications: Urinal deodorant.

#### Uses advised against

Only use this product as directed. Read label before using.

**Supplier's details** : Sani-Marc Inc.
42 rue de l'Artisan
Victoriaville, Qc
G6P 7E3
1-819-758-1541

**Emergency telephone number (with hours of operation)** : 1-800-361-7691 (8am - 5pm Monday to Thursday) (8am - 4pm Friday)

## Section 2. Hazard identification

**Classification of the substance or mixture** : EYE IRRITATION - Category 2A

### GHS label elements

**Hazard pictograms** :



**Signal word** : Warning

**Hazard statements** : H319 - Causes serious eye irritation.

#### Precautionary statements

**Prevention** : P264 - Wash thoroughly after handling.
P280 - Wear eye or face protection: Recommended: Safety Glasses.

**Response** : P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 - If eye irritation persists: Get medical advice or attention.

**Storage** : Not applicable.

**Disposal** : Not applicable.

**Supplemental label elements** :

# Section 3. Composition/information on ingredients

**Substance/mixture** : Mixture

**Other means of identification** : Not available.

| Ingredient name | % (w/w) | CAS number |
|---|---|---|
| 2-(2-butoxyethoxy)ethanol | ≥7 - ≤13 | CAS: 112-34-5 |
| Alcohols, C12-15, ethoxylated | ≥1 - ≤5 | CAS: 68131-39-5 |

**Ranges if listed above for hazardous ingredient(s) are prescribed ranges. The actual concentration(s) or actual concentration range(s) are being withheld as a trade secret.**

**There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section.**

**Occupational exposure limits, if available, are listed in Section 8.**

# Section 4. First-aid measures

## Description of necessary first aid measures

**Eye contact** : In case of contact with eyes, flush with fresh water. Check for and remove any contact lenses. Continue rinsing. If irritation persists, get medical attention.

**Inhalation** : Move victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if adverse health effects persist or are severe. Maintain an open airway.

**Skin contact** : In case of irritation, rinse with water. Get medical attention if irritation persist.

**Ingestion** : Rinse mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

## Most important symptoms/effects, acute and delayed

### Potential acute health effects

**Eye contact** : cause eye irritation

**Inhalation** : No known significant effects or critical hazards.

**Skin contact** : No known significant effects or critical hazards.

**Ingestion** : No known significant effects or critical hazards.

### Over-exposure signs/symptoms

**Eye contact** : Adverse symptoms may include the following:
pain or irritation
watering
redness

**Inhalation** : No specific symptoms under normal use conditions.

**Skin contact** : No specific symptoms under normal use conditions.

**Ingestion** : No specific symptoms under normal use conditions.

## Indication of immediate medical attention and special treatment needed, if necessary

**Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

**Specific treatments** : No specific treatment.

**Protection of first-aiders** : No action should be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

**See toxicological information (Section 11)**

# Section 5. Fire-fighting measures

## Extinguishing media

**Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.

**Unsuitable extinguishing media** : None known.

**Specific hazards arising from the chemical** : In a fire or if heated, a pressure increase will occur and the container may burst.

**Hazardous thermal decomposition products** : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide

**Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action should be taken involving any personal risk or without suitable training.

**Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

# Section 6. Accidental release measures

## Personal precautions, protective equipment and emergency procedures

**For non-emergency personnel** : No action should be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

**For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

**Eye/face protection** : It is minimally suggested to wear safety glasses while using or handling this product.

**Hand protection** : It is suggested to wear chemical-reisitant gloves while using or handling this product.

**Body protection** : No special protective clothing is required.

**Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Respiratory protection** : No specific protective equipment required under normal use conditions.

**Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

## Methods and materials for containment and cleaning up

**Small spill** : Stop leak if without risk. Move containers from spill area. Absorb with an inert material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

**Large spill** : Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

# Section 7. Handling and storage

## Precautions for safe handling

**Protective measures** : Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

**Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See Section 8 for additional information on hygiene measures.

**Conditions for safe storage, including any incompatibilities** : Do not store above the following temperature: 0°C (32°F). Store in accordance with local regulations. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. Keep out of reach of children. Store away from incompatible materials;

No specific data.

# Section 8. Exposure controls/personal protection

## Control parameters

### Occupational exposure limits

None.

### Biological exposure indices

No exposure indices known.

**Appropriate engineering controls** : Good general ventilation should be sufficient to control worker exposure to airborne contaminants that could arise from the use if this product.

**Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

## Individual protection measures

**Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing.

**Eye/face protection** : It is minimally suggested to wear safety glasses while using or handling this product.

### Skin protection

**Hand protection** : It is suggested to wear chemical-reisitant gloves while using or handling this product.

**Body protection** : No special protective clothing is required.

**Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Respiratory protection** : No specific protective equipment required under normal use conditions.

# Section 9. Physical and chemical properties and safety characteristics

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

**Appearance**

**Physical state** : Liquid.

**Color** : Rush [Transparent]

**Odor** : Spicy.

**Odor threshold** : Not available.

**pH** : 10

**Melting point/freezing point** : Not available.

**Boiling point or initial boiling point and boiling range** : Not available.

**Flash point** :

| Ingredient name | Closed cup | | | Open cup | | |
|---|---|---|---|---|---|---|
| | °C | °F | Method | °C | °F | Method |
| 2-Pinene | 31 | 87.8 | EU A.9 | | | |
| Quaternary Ammonium Compounds | 43 | 109.4 | Setaflash | | | |
| cineole | 47 to 48 | 116.6 to 118.4 | | | | |
| d-Limonene | 51 | 123.8 | EU A.9 | | | |
| Synthetic camphor | 66 | 150.8 | | | | |
| trans-menthone | 72 | 161.6 | | | | |
| linalool | 77.2 | 171 | ISO 2719 | | | |
| Citral | 90.85 to 100.85 | 195.5 to 213.5 | | | | |
| Methyl salicylate | 96 | 204.8 | | | | |
| Alcohols, C12-15, ethoxylated | >93 | >199.4 | Pensky-Martens | | | |
| cinnamaldehyde | 105 | 221 | | | | |
| geraniol | 108 | 226.4 | EU A.9 | | | |
| geranyl acetate | 109.5 | 229.1 | | | | |
| Diethylene glycol monobutyl ether | 114 | 237.2 | | | | |
| eugenol | 124 | 255.2 | | | | |
| coumarin | 150 | 302 | | | | |

**Flammability** : Not available.

**Lower and upper explosion limit/flammability limit** : Not available.

**Vapor pressure** :

| Ingredient name | Vapor Pressure at 20°C | | | Vapor pressure at 50°C | | |
|---|---|---|---|---|---|---|
| | mm Hg | kPa | Method | mm Hg | kPa | Method |
| Alcohols, C12-15, ethoxylated | 23.6 | 3.1 | | | | |
| water | 17.5 | 2.3 | | | | |
| 2-Pinene | 5.18 | 0.69 | OECD 104 | | | |
| d-Limonene | 1.5 | 0.2 | | | | |
| cineole | 0.91 | 0.12 | | | | |
| Synthetic camphor | 0.65 | 0.087 | | | | |

# Section 9. Physical and chemical properties and safety characteristics

| | | | | | | |
|---|---|---|---|---|---|---|
| linalool | 0.2 | 0.027 | OECD 104 | | | |
| L-menthol | 0.14 | 0.019 | EU A.4 | | | |
| Methyl salicylate | 0.045 | 0.006 | | | | |
| Citral | 0.0345 | 0.0046 | | | | |
| eugenol | 0.03 | 0.004 | | | | |
| Diethylene glycol monobutyl ether | 0.022 | 0.0029 | | | | |
| geranyl acetate | 0.00975 | 0.0013 | | | | |
| geraniol | 0.00006 | 0.000008 | | | | |

**Relative vapor density** : Not available.

**Relative density** : Not available.

**Density** : 1.003 g/cm³

**Solubility in water** : Not available.

**Partition coefficient: n-octanol/water** : Not applicable.

**Auto-ignition temperature** :

| Ingredient name | °C | °F | Method |
|---|---|---|---|
| Diethylene glycol monobutyl ether | 210 | 410 | DIN 51794 |
| Citral | 225 | 437 | DIN 51794 |
| Alcohols, C12-15, ethoxylated | 235 | 455 | ASTM E 659-78 |
| linalool | 235 | 455 | |
| d-Limonene | 237 | 458.6 | |
| geranyl acetate | 252 | 485.6 | |
| 2-Pinene | 255 | 491 | |
| cineole | 300 | 572 | |
| Quaternary Ammonium Compounds | 365 | 689 | |
| Methyl salicylate | 454.44 | 850 | |
| tetrasodium N,N-bis(carboxylatomethyl)-L-glutamate | 460 | 860 | IEC 1241-2-1 |
| Synthetic camphor | 466 | 870.8 | |

**Decomposition temperature** : Not available.

**Viscosity** : Dynamic (room temperature): Not available.
Kinematic (room temperature): Not available.
Kinematic (40°C (104°F)): Not available.

**Particle characteristics**

**Median particle size** : Not applicable.

# Section 10. Stability and reactivity

**Reactivity** : No specific test data related to reactivity available for this product or its ingredients.

**Chemical stability** : The product is stable.

**Possibility of hazardous reactions** : Hazardous reactions or instability may occur under certain conditions of storage or use.

**Conditions to avoid** : No specific data.

# Section 10. Stability and reactivity

**Incompatible materials** : No specific data.

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

# Section 11. Toxicological information

## Information on toxicological effects

### Acute toxicity

| Product/ingredient name | Result | Species | Dose | Exposure |
|---|---|---|---|---|
| Diethylene glycol monobutyl ether | LD50 Dermal | Rabbit | 2700 mg/kg | - |
| | LD50 Oral | Rat | 4500 mg/kg | - |
| Alcohols, C12-15, ethoxylated | LD50 Oral | Rat | 2 g/kg | - |

### Irritation/Corrosion

| Product/ingredient name | Result | Species | Score | Exposure | Observation |
|---|---|---|---|---|---|
| Diethylene glycol monobutyl ether | Eyes - Moderate irritant | Rabbit | - | 24 hours 20 mg | - |
| | Eyes - Severe irritant | Rabbit | - | 20 mg | - |

### Respiratory or skin sensitization

Not available.

### Mutagenicity

Not available.

### Carcinogenicity

Not available.

### Reproductive toxicity

Not available.

### Teratogenicity

Not available.

### Specific target organ toxicity (single exposure)

Not available.

### Specific target organ toxicity (repeated exposure)

Not available.

### Aspiration hazard

Not available.

**Information on the likely routes of exposure** : Not available.

### Potential acute health effects

**Eye contact** : cause eye irritation

**Inhalation** : No known significant effects or critical hazards.

**Skin contact** : No known significant effects or critical hazards.

**Ingestion** : No known significant effects or critical hazards.

### Symptoms related to the physical, chemical and toxicological characteristics

# Section 11. Toxicological information

**Eye contact** : Adverse symptoms may include the following:
pain or irritation
watering
redness

**Inhalation** : No specific symptoms under normal use conditions.

**Skin contact** : No specific symptoms under normal use conditions.

**Ingestion** : No specific symptoms under normal use conditions.

## Delayed and immediate effects and also chronic effects from short and long term exposure

### Short term exposure

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

### Long term exposure

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

### Potential chronic health effects

Not available.

**General** : No known significant effects or critical hazards.

**Carcinogenicity** : No known significant effects or critical hazards.

**Mutagenicity** : No known significant effects or critical hazards.

**Reproductive toxicity** : No known significant effects or critical hazards.

## Numerical measures of toxicity

### Acute toxicity estimates

| Product/ingredient name | Oral (mg/kg) | Dermal (mg/kg) | Inhalation (gases) (ppm) | Inhalation (vapors) (mg/l) | Inhalation (dusts and mists) (mg/l) |
|---|---|---|---|---|---|
| Sani-Drip | 24185.4 | 27000.0 | N/A | N/A | N/A |
| Diethylene glycol monobutyl ether | 4500 | 2700 | N/A | N/A | N/A |
| Alcohols, C12-15, ethoxylated | 2000 | N/A | N/A | N/A | N/A |

# Section 12. Ecological information

## Toxicity

| Product/ingredient name | Result | Species | Exposure |
|---|---|---|---|
| Diethylene glycol monobutyl ether | Acute LC50 1300 ppm Fresh water | Fish - *Lepomis macrochirus* | 96 hours |
| Alcohols, C12-15, ethoxylated | Acute EC50 0.39 mg/l Fresh water | Crustaceans - *Ceriodaphnia dubia* - Neonate | 48 hours |
| | Acute EC50 302 µg/l Fresh water | Daphnia - *Daphnia magna* - Neonate | 48 hours |
| | Acute LC50 1400 µg/l Fresh water | Fish - *Pimephales promelas* | 96 hours |
| | Chronic NOEC 83 µg/l Fresh water | Daphnia - *Daphnia magna* - Neonate | 21 days |

## Persistence and degradability

# Section 12. Ecological information

| Product/ingredient name | Aquatic half-life | Photolysis | Biodegradability |
|---|---|---|---|
| Alcohols, C12-15, ethoxylated | - | - | Readily |

## Bioaccumulative potential

| Product/ingredient name | $LogP_{ow}$ | BCF | Potential |
|---|---|---|---|
| Diethylene glycol monobutyl ether | 1 | - | Low |
| Alcohols, C12-15, ethoxylated | 2.03 to 6.24 | 237 | Low |

## Mobility in soil

**Soil/Water partition coefficient** : Not available.

**Other adverse effects** : No known significant effects or critical hazards.

# Section 13. Disposal considerations

**Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

# Section 14. Transport information

| | TDG Classification |
|---|---|
| UN number | Not applicable |
| UN proper shipping name | Not applicable. |
| Transport hazard class (es) | - |
| Packing group | - |
| Environmental hazards | No |

## Additional information

**Special precautions for user** : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

# Section 14. Transport information

**Transport in bulk according to IMO instruments** : Not available.

# Section 15. Regulatory information

## Canadian lists

**Canadian NPRI** : The following components are listed: other glycol ethers and acetates (and their isomers)

**CEPA Toxic substances** : None of the components are listed.

## Montreal Protocol

Not listed.

## Inventory list

**Canada** : All components are listed or exempted.

**United States** : Not determined.

# Section 16. Other information

## History

**Date of printing** : 2025-04-29

**Date of issue/Date of revision** : 2025-04-29

**Date of previous issue** : 2024-11-07

**Version** : 1

**Key to abbreviations** : ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
HPR = Hazardous Products Regulations
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
N/A = Not available
SGG = Segregation Group
UN = United Nations

## Procedure used to derive the classification

| Classification | Justification |
|---|---|
| EYE IRRITATION - Category 2A | Calculation method |

**References** : Not available.

**Indicates information that has changed from previously issued version.**

## Notice to reader

**To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.**
**Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.**