DAYDREAMER
Safety Data Sheet
according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations
Date of issue: 04/09/2015    Revision date: 05/06/2015

SECTION 1: Identification of the substance/mixture and of the company/undertaking
1.1. Product identifier.
   Product form : Mixture
   Product name : DAYDREAMER
   Product code : 4919

1.2. Relevant identified uses of the substance or mixture and uses advised against.

1.3. Details of the supplier of the safety data sheet
CANNON INDUSTRIAL PRODUCTS, INC.
P.O. Box 291344 Nashville, TN 37229-1344
PHONE: (615) 391-4046 or 1-888-879-6124
FAX: (615) 391-4051

1.4. Emergency telephone number
EMERGENCY RESPONSE: INFOTRAC (NORTH AMERICA): 1-800-535-5053
(INTERNATIONAL): 1-352-323-3500

SECTION 2: Hazards identification
2.1. Classification of the substance or mixture
GHS-US classification
   Flam. Lq. 4                H227
   Skin Sens. 1               H317
   Full text of H-phrases: see section 16

2.2. Label elements
GHS-US labelling
Hazard pictograms (GHS-US):

Signal word (GHS-US) : Warning
Hazard statements (GHS-US) :
   Combustible liquid
   May cause an allergic skin reaction
Precautionary statements (GHS-US) :
   Keep away from hot surfaces, open flames, sparks. No smoking. - No smoking
   Avoid breathing vapours, spray, mist
   Contaminated work clothing must not be allowed out of the workplace
   Wear eye protection, protective gloves
   If on skin: Wash with plenty of soap, water
   Specific treatment (see First Aid measures on this label)
   If skin irritation or rash occurs: Get medical advice/attention
   Take off contaminated clothing and wash it before reuse
   In case of fire: Use ABC-powder to extinguish
   Store in a well-ventilated place. Keep cool
   Dispose of contents/container to an approved waste disposal plant

2.3. Other hazards
   No additional information available

2.4. Unknown acute toxicity (GHS-US)
   Not applicable

SECTION 3: Composition/information on ingredients
3.1. Substance
   Not applicable

3.2. Mixture

06/10/2015 EN (English)
**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 you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation : Allow victim to breathe fresh air. Allow the victim to rest.

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. Wash with plenty of soap and water. If skin irritation or rash occurs, get medical advice/attention. Specific treatment (see First aid measures on this label). Wash contaminated clothing before reuse.

First-aid measures after eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.

First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation : May cause an allergic skin reaction.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

**SECTION 5: Firefighting measures**

5.1. Extinguishing media


Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Combustible liquid.

Explosion hazard : May form flammable/explosive vapour-air mixture.

5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

**SECTION 6: Accidental release measures**

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Remove ignition sources. Use special care to avoid static electric charges. No open flames. No smoking.

6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

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.
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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
Additional hazards when processed: Handle empty containers with care because residual vapours are flammable. Keep away from heat, open flames, sparks. No smoking.
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. No open flames. No smoking. Avoid breathing vapours, spray, mist.
Hygiene measures: Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities
Technical measures: Proper grounding procedures to avoid static electricity should be followed.
Storage conditions: Keep only in the original container in a cool, well-ventilated place away from heat sources. Keep container closed when not in use. Keep in fireproof place.
Incompatible products: Strong bases. Strong acids.
Incompatible materials: Sources of ignition. Direct sunlight. Heat sources.

7.3. Specific end use(s)
No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

<table>
<thead>
<tr>
<th></th>
<th>ACGIH</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>DAYDREAMER</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
<tr>
<td>D-limonene (9899-27-5)</td>
<td>ACGIH</td>
<td>Not applicable</td>
</tr>
<tr>
<td>OSHA</td>
<td>Not applicable</td>
<td></td>
</tr>
<tr>
<td>EXXSOI D80, EXXONMOBIL SOLTROL 180 (64742-47-8)</td>
<td>ACGIH</td>
<td>Not applicable</td>
</tr>
<tr>
<td>OSHA</td>
<td>Not applicable</td>
<td></td>
</tr>
<tr>
<td>2-propanol (67-63-0)</td>
<td>ACGIH TWA (ppm)</td>
<td>200 ppm</td>
</tr>
<tr>
<td>ACGIH STEL (ppm)</td>
<td>400 ppm</td>
<td></td>
</tr>
<tr>
<td>ACGIH Remark (ACGIH)</td>
<td>Eye &amp; URT ir, CNS impair</td>
<td></td>
</tr>
<tr>
<td>OSHA OSHA PEL (TWA) (mg/m³)</td>
<td>980 mg/m³</td>
<td></td>
</tr>
<tr>
<td>OSHA OSHA PEL (TWA) (ppm)</td>
<td>400 ppm</td>
<td></td>
</tr>
</tbody>
</table>

8.2. Exposure controls
Personal protective equipment: Avoid all unnecessary exposure.
Hand protection: Wear protective gloves.
Eye protection: Chemical goggles or safety glasses.
Respiratory protection: Wear appropriate 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: Orange
Odour: Orange
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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: No data available
Relative evaporation rate (butylacetate=1): No data available
Flammability (solid, gas): No data available
Explosive limits: No data available
Explosive properties: No data available
Oxidising properties: No data available
Vapour pressure: No data available
Relative density: No data available
Relative vapour density at 20 °C: No data available
Solubility: Water: Solubility in water of component(s) of the mixture:
  - D-limonene: insoluble
  - EXXONOL D80, EXXONMOIL SOLTROL 180: < 0.1 g/100ml
  - 2-Propanol: Complete
Log Pow: No data available
Log Kow: No data available
Auto-ignition temperature: No data available
Decomposition temperature: No data available
Viscosity: No data available
Viscosity, kinematic: No data available
Viscosity, dynamic: No data available

9.2. Other information
No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity
No additional information available

10.2. Chemical stability
Combustible liquid. May form flammable/explosive vapour-air mixture.

10.3. Possibility of hazardous reactions
Not established.

10.4. Conditions to avoid

10.5. Incompatible materials
Strong acids. Strong bases.

10.6. Hazardous decomposition products

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity: Not classified

<table>
<thead>
<tr>
<th>D-limonene (5989-27-5)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>LD₅₀ oral rat</td>
<td>4400 mg/kg bodyweight (Rat; OECD 423, Acute Oral Toxicity - Acute Toxic Class Method, Literature study; &gt; 2000 mg/kg bodyweight, Rat; Read-across)</td>
</tr>
<tr>
<td>LD₅₀ dermal rabbit</td>
<td>&gt; 5000 mg/kg bodyweight (Rabbit, Weight of evidence; Equivalent or similar to OECD 402)</td>
</tr>
<tr>
<td>ATE US (oral)</td>
<td>4400.000 mg/kg bodyweight</td>
</tr>
</tbody>
</table>
### 2-propanol (67-63-0)

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50 oral rat</td>
<td>5045 mg/kg (Rat; OECD 401: Acute Oral Toxicity, Experimental value: 5840 mg/kg bodyweight, Rat)</td>
</tr>
<tr>
<td>LD50 dermal rabbit</td>
<td>12870 mg/kg (Rabbit; Experimental value; Equivalent or similar to OECD 402, 164; Rabbit)</td>
</tr>
<tr>
<td>LC50 inhalation rat (mg/l)</td>
<td>73 mg/l/4h (Rat)</td>
</tr>
<tr>
<td>ATE US (oral)</td>
<td>5045.000 mg/kg bodyweight</td>
</tr>
<tr>
<td>ATE US (dermal)</td>
<td>12870.000 mg/kg bodyweight</td>
</tr>
<tr>
<td>ATE US (vapours)</td>
<td>73.000 mg/l/4h</td>
</tr>
<tr>
<td>ATE US (dust,mist)</td>
<td>73.000 mg/l/4h</td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>Not classified</td>
</tr>
<tr>
<td>Serious eye damage/irritation</td>
<td>Not classified</td>
</tr>
<tr>
<td>Respiratory or skin sensitisation</td>
<td>May cause an allergic skin reaction.</td>
</tr>
<tr>
<td>Germ cell mutagenicity</td>
<td>Not classified</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>Not classified</td>
</tr>
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</table>

### D-limonene (5989-27-5)

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>IARC group</td>
<td>3 - Not classifiable</td>
</tr>
</tbody>
</table>

### 2-propanol (67-63-0)

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>IARC group</td>
<td>3 - Not classifiable</td>
</tr>
</tbody>
</table>

### SECTION 12: Ecological information

#### 12.1. Toxicity

**D-limonene (5989-27-5)**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC50 fish 1</td>
<td>720 µg/l (96 h; Pimephales promelas; Lethal)</td>
</tr>
<tr>
<td>EC50 Daphnia 1</td>
<td>0.36 mg/l (48 h; Daphnia magna; GLP)</td>
</tr>
<tr>
<td>LC50 fish 2</td>
<td>702 µg/l (96 h; Pimephales promelas)</td>
</tr>
<tr>
<td>Threshold limit algae 1</td>
<td>150 mg/l (72 h; Desmodesmus subspicatus; GLP)</td>
</tr>
<tr>
<td>Threshold limit algae 2</td>
<td>2.62 mg/l (72 h; Desmodesmus subspicatus)</td>
</tr>
</tbody>
</table>

**EXXSOL D80, EXXONMOBIL/ SOLTROL 180 (64742-47-8)**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>EC50 Daphnia 1</td>
<td>&gt; 10000 mg/l (Amphipoda)</td>
</tr>
</tbody>
</table>

**2-propanol (67-63-0)**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC50 fish 1</td>
<td>4200 mg/l (96 h; Rasbora heteromorpha; Flow-through system)</td>
</tr>
<tr>
<td>EC50 Daphnia 1</td>
<td>&gt; 10000 mg/l (48 h; Daphnia magna)</td>
</tr>
<tr>
<td>LC50 fish 2</td>
<td>9640 mg/l (96 h; Pimephales promelas; Lethal)</td>
</tr>
<tr>
<td>EC50 Daphnia 2</td>
<td>1329 mg/l (48 h; Daphnia magna)</td>
</tr>
<tr>
<td>Threshold limit algae 1</td>
<td>&gt; 1000 mg/l (72 h; Scenedesmus subspicatus; Growth rate)</td>
</tr>
<tr>
<td>Threshold limit algae 2</td>
<td>1830 mg/l (72 h; Algae; Cell numbers)</td>
</tr>
</tbody>
</table>

#### 12.2. Persistence and degradability

**DAYDREAMER**

Persistence and degradability: Not established.

**D-limonene (5989-27-5)**


**ThOD**

3.29 g O/kg substance
# DAYDREAMER

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**EXX索® EXXONMOBIL® SOLTROL 180 (64742-47-8)**

<table>
<thead>
<tr>
<th><strong>2-propanol (67-63-0)</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Persistence and degradability</strong></td>
<td>Readily biodegradable in water. Not established.</td>
</tr>
<tr>
<td><strong>Biochemical oxygen demand (BOD)</strong></td>
<td>1.19 g O₂/g substance</td>
</tr>
<tr>
<td><strong>Chemical oxygen demand (COD)</strong></td>
<td>2.23 g O₂/g substance</td>
</tr>
<tr>
<td>ThOD</td>
<td>2.40 g O₂/g substance</td>
</tr>
<tr>
<td>BOD (% of ThOD)</td>
<td>0.49 % ThOD</td>
</tr>
</tbody>
</table>

12.3. **Bioaccumulative potential**

**DAYDREAMER**

Bioaccumulative potential: Not established

**D-limonene (5989-27-5)**

| BCF fish 1 | 864.8 - 1022 (Piscis, Fresh weight) |
| Log Pow | 4.38 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 37 °C) |
| Bioaccumulative potential | Potential for bioaccumulation (4 ≤ Log Kow ≤ 5). Not established |

**EXX索® EXXONMOBIL® SOLTROL 180 (64742-47-8)**

| Log Pow | > 3 |
| Bioaccumulative potential | Low potential for bioaccumulation (Log Kow < 4). Not established |

**2-propanol (67-63-0)**

| Log Pow | 0.05 (Experimental value) |
| Bioaccumulative potential | Low potential for bioaccumulation (Log Kow < 4). Not established |

12.4. **Mobility in soil**

**2-propanol (67-63-0)**

| Surface tension | 0.021 N/m (25 °C) |

12.5. **Other adverse effects**

**Effect on the global warming**:

No known ecological damage caused by this product.

**Other information**:

Avoid release to the environment.

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**SECTION 13: Disposal considerations**

13.1. **Waste treatment methods**

Waste disposal recommendations: Dispose in a safe manner in accordance with local-national regulations. Dispose of contents/container to an approved waste disposal plant.

Additional information: Handle empty containers with care because residual vapours are flammable.

**Ecology - waste materials**: Avoid release to the environment.

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**SECTION 14: Transport Information**

**Department of Transportation (DOT)**

In accordance with DOT

Not regulated for transport

Additional information

**Other information**: No supplementary information available

**ADR**

No additional information available

Transport by sea

No additional information available
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Air transport
No additional information available

SECTION 15: Regulatory information

15.1. US Federal regulations

DAYDREAMER
Not 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
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.

<table>
<thead>
<tr>
<th>2-propanol</th>
<th>CAS No 67-63-0</th>
<th>1-3</th>
</tr>
</thead>
</table>

2-propanol (67-63-0)
Listed on United States SARA Section 313

15.2. International regulations

CANADA
No additional information available

EU-Regulations
No additional information available

Classification according to Regulation (EC) No. 1272/2008 [CLP]
No additional information available

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]
Not classified

National regulations
No additional information available

15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer and/or reproductive harm

2-propanol (67-63-0)
U.S. - New Jersey - Right to Know Hazardous Substance List

SECTION 16: Other Information

Revision date : 05/06/2015
Other information : None
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Full text of H-phrases:

<table>
<thead>
<tr>
<th>Aquatic Acute 1</th>
<th>Hazardous to the aquatic environment — Acute Hazard, Category 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aquatic Chronic 1</td>
<td>Hazardous to the aquatic environment — Chronic Hazard, Category 1</td>
</tr>
<tr>
<td>Asp. Tox. 1</td>
<td>Aspiration hazard, Category 1</td>
</tr>
<tr>
<td>Eye Irrit. 2A</td>
<td>Serious eye damage/eye irritation, Category 2A</td>
</tr>
<tr>
<td>Flam. Lq. 2</td>
<td>Flammable liquids, Category 2</td>
</tr>
<tr>
<td>Flam. Lq. 3</td>
<td>Flammable liquids, Category 3</td>
</tr>
<tr>
<td>Flam. Lq. 4</td>
<td>Flammable liquids, Category 4</td>
</tr>
<tr>
<td>Skin Irrit. 2</td>
<td>Skin corrosion/irritation, Category 2</td>
</tr>
<tr>
<td>Skin Sens. 1</td>
<td>Sensitisation — Skin, category 1</td>
</tr>
<tr>
<td>STOT SE 3</td>
<td>Specific target organ toxicity — Single exposure, Category 3, Narcosis</td>
</tr>
<tr>
<td>H225</td>
<td>Highly flammable liquid and vapour</td>
</tr>
<tr>
<td>H226</td>
<td>Flammable liquid and vapour</td>
</tr>
<tr>
<td>H227</td>
<td>Combustible liquid</td>
</tr>
<tr>
<td>H304</td>
<td>May be fatal if swallowed and enters airways</td>
</tr>
<tr>
<td>H315</td>
<td>Causes skin irritation</td>
</tr>
<tr>
<td>H317</td>
<td>May cause an allergic skin reaction</td>
</tr>
<tr>
<td>H319</td>
<td>Causes serious eye irritation</td>
</tr>
<tr>
<td>H336</td>
<td>May cause drowsiness or dizziness</td>
</tr>
<tr>
<td>H400</td>
<td>Very toxic to aquatic life</td>
</tr>
<tr>
<td>H410</td>
<td>Very toxic to aquatic life with long lasting effects</td>
</tr>
</tbody>
</table>

NFPA health hazard: 0 - Exposure under fire conditions would offer no hazard beyond that of ordinary combustible materials.

NFPA fire hazard: 1 - Must be preheated before ignition can occur.

NFPA reactivity: 1 - Normally stable, but can become unstable at elevated temperatures and pressures or may react with water with some release of energy, but not violently.

HMIS III Rating
Health: 0 Minimal Hazard - No significant risk to health
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 III-B)
Physical: 1 Slight Hazard - Materials that are normally stable but can become unstable (self-react) at high temperatures and pressures. Materials may react non-violently with water or undergo hazardous polymerization in the absence of inhibitors.

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.