

centaur

ANIMAL HEALTH

Safety
Data
Sheet

Propylene Glycol

1,2,-propanediol, 1,2-dihydroxypropane

Olathe, KS Tel: 913-390-6184

Emergency phone: 800 424 9300 (Chemtrec)

1. Product Identity

NFPA Rating: Health 0, Flammability 1, Reactivity 0 Special 0
HMIS Rating: Health 2, Flammability 1, Physical 0, Reactivity, 0

Product Name: Propylene Glycol
Product Number: 55

2. Hazardous Ingredients

Propylene Glycol Irritant



Signal Word: Warning

Hazard Statement: May cause drowsiness. May cause damage to organs through prolonged exposure

Precautionary Statements: Take time observe label directions. If taken internally, contact Poison Control. Keep away from children. Keep container closed when not in use. Avoid contact with eyes. Wash skin thoroughly after handling. Do not breathe gas/fumes/vapor/spray. Wear suitable protective clothing.

3. Composition

Weight%: Propylene Glycol CAS: 57-55-6:100%

4. First Aid Measures

Eye Contact: Check for and remove contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Get medical attention

	<p>Inhalation: If inhaled move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.</p> <p>Ingestion: Do not induce vomiting. Never give anything by mouth to an unconscious person. If large quantities of this material is swallowed, call a physician immediately. Loosen tight clothing such as collar, tie, waistband or belt.</p> <p>Skin Contact: Flush with large quantities of water. Seek medical attention if irritation develops.</p>
<p>5. Fire Fighting Measures</p>	<p>Flash Point: Closed Cup: 99°C (210.2°F). Open cup: 107°C (224.6°F)</p> <p>Extinguishing Media: Small: Dry powder. Large: water spray, fog or foam. Do not use water jet.</p> <p>Special Fire-Fighting Procedure: When heated to decomposition it emits acrid smoke & irritating fumes.</p> <p>Unusual Fire/Explosion Hazards: N/A</p>
<p>6. Accidental Release Measures</p>	<p><u>Steps to take in case of spill, leak or release:</u></p> <p>Dilute with water and mop up or absorb with an inert material and place in an appropriate waste disposal container. Finish cleaning by spreading water on contaminated surface and dispose of according to local & regional authority requirements.</p>
<p>7. Handling & Storage</p>	<p>Keep container tightly closed when not using.</p> <p>Stability: Stable at room temperature</p> <p>Precautions: Keep away from heat. Keep away from ignition sources. Empty containers pose a fire risk, evaporate the residue under fume hood. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/vapor/spray. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and</p>

	<p>show the container or label. Avoid contact with skin and eyes. Keep away from incompatibles.</p> <p>Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area. Do not store above 23°C (73.4°F).</p>
8. Control Measures	<p>OSHA TWA: 10(mg/m3) ACGIH TLV: N/A</p> <p><u>Ventilation:</u></p> <p>Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure eyewash stations and safety showers are proximal to the work station location.</p> <p><u>Protective clothing or equipment:</u></p> <p>Splash goggles, lab coat, vapor respirator, gloves</p> <p><u>Work or Hygienic Practices:</u></p> <p>Use good personal hygiene when handling this product. Wash hands after use, before smoking or eating, and before using the toilet.</p>
9. Physical Properties	<p>Appearance: Colorless Liquid (oily) Odor: Practically Odorless Specific Gravity: 1.036 @ 25 C° pH: Not Available Boiling point: 188°C (370.4°F) Vapor Pressure: 0 kPa (@20°C), 0.08mmHg at 20°C, 0.128mmHg at 25°C Evaporation Rate: Not applicable Solubility in Water: Cold water, hot water, acetone</p>
10. Stability & Reactivity	<p>Stability: Stable at room temperature</p>

	<p>Incompatibility: Reactive with oxidizing agents, reducing agents, acids, alkalis</p> <p>Corrosivity Non-corrosive in presence of glass</p> <p>Hazardous polymerization: Will not occur.</p> <p>Special Remarks on Reactivity: Hygroscopic; keep container tightly closed. Incompatible with chloroformates, strong acids (nitric acid, chlorfluoric acid), caustics, aliphatic amines, isocyanates, strong oxidizers, acid anhydrides</p>
<p>11. Toxicological Information</p>	<p><u>Acute Health Effects</u></p> <p>Eye Contact: Irritant.</p> <p>Inhalation: Irritating to nose, throat and respiratory tract.</p> <p>Ingestion: Hazardous in case of ingestion.</p> <p>Skin Contact: Slightly hazardous in case of skin contact (irritant, permeator).</p> <p><u>Chronic Health Effects:</u> May cause damage to the following organs: central nervous system (CNS). May affect genetic material (mutagenic), may cause adverse reproductive effects and birth defects (teratogenic) based on animal test data.</p>
<p>12. Ecological Information</p>	<p>No additional information is available at this time.</p>
<p>13. Disposal Information</p>	<p><u>Waste disposal method:</u></p> <p>Follow all local, state and federal regulations.</p>

14. Transport Information	DOT Class: Not a DOT Controlled material Hazard Class: N/A UN Number: N/A Package code: N/A Shipping Name: Not regulated.
15. Regulatory Information	No additional information is available at this time.
16. Additional Information	<p><u>Other precautions:</u></p> <p><i>Thoroughly rinse all measuring devices, and store out of reach of children.</i></p> <p>Keep container tightly closed when not using.</p> <p>Disclaimer of Expressed and implied Warranties: The information presented in this Safety Data Sheet is based on data believed to be accurate as of the date this Safety Data Sheet was prepared. HOWEVER, NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR ANY OTHER WARRANTY IS EXPRESSED OR IS TO BE IMPLIED REGARDING THE ACCURACY OR COMPLETENESS OF THE INFORMATION PROVIDED ABOVE, THE RESULTS TO BE OBTAINED FROM THE USE OF THIS INFORMATION OR THE PRODUCT, THE SAFETY OF THIS PRODUCT, OR THE HAZARDS RELATED TO ITS USE. No responsibility is assumed for any damage or injury resulting from abnormal use or from any failure to adhere to recommended practices. The information provided above, and the product, are furnished on the condition that the person receiving them shall make their own determination as to the suitability of the product for their particular purpose and on the condition that they assume the risk of their use. In addition, no authorization is given nor implied to practice any patented invention without a license</p> <p>Date Created: 06/26/2014</p>