

Crafter's Choice™ Propylene Glycol

7820 E. Pleasant Valley Road
Independence, OH 44131
(800) 908-7028
www.crafters-choice.com

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05/04/2016

1. Identification of the substance/mixture and of the company/undertaking

Product identifier: Crafter's Choice™ Propylene Glycol

Recommended product use: All proper and legal purposes

Recommended restrictions: None known

Details of the manufacturer/supplier of the safety data sheet

Crafter's Choice Brands, LLC
7820 E. Pleasant Valley Road
Independence, Ohio 44131
Phone: 1-800-908-7028
www.Crafters-Choice.com

Emergency Telephone Number: ChemTel

(800) 255-3924 Domestic USA, Canada, Puerto Rico, and USVI + **(813) 248-0585** International

2. Hazards Identification

Physical hazards	Not classified
Health hazards	Not classified
Environmental hazards	Not classified
OSHA defined hazards	Not classified
Label elements	
Hazard symbol	None
Signal word	None
Hazard statement	The substance does not meet the criteria for classification
Precautionary statement	
Prevention	Observe good industrial hygiene practices
Response	Wash hands after handling
Storage	Store away from incompatible materials
Disposal	Dispose of waste and residues in accordance with local authority requirements.
Hazard(s) not otherwise classified (HNOC)	None known
Supplemental information	None

3. Composition/Information on Ingredients

Substances

Chemical Name	Common Name and Synonyms	CAS Number	%
Propane-1,2-diol		57-55-6	100

** Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. First Aid Measures

Inhalation:	Remove to fresh air. Call a physician if symptoms develop or persists.
Eye Exposure:	Rinse with water. Call a physician if irritation develops or persists.
Skin Exposure:	Wash with soap and water. Call a physician if irritation develops or persists.
Ingestion:	Rinse mouth. Call a physician if symptoms occur.

Most important symptoms and effects – both acute and delayed - Direct contact with eyes may cause temporary irritation.

Indication of immediate medical attention and special treatment needed - Treat symptomatically.

General information – Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5. Fire-Fighting measures

Suitable extinguishing media - Alcohol resistant foam. Powder. Carbon dioxide (CO₂)

Unsuitable extinguishing media - Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical - During fire, gasses hazardous to health may be formed.

Special protective equipment and precautions for firefighters - Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Firefighting equipment/instructions – Move containers from fire area if you can do so without risk.

Specific methods – Use standard firefighting procedures and consider the hazards of other involved materials.

General fire hazards – No unusual fire or explosion hazards noted.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures – Keep unnecessary personnel away. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up – Use water spray to reduce vapors or divert vapor cloud drift.

Large Spills – Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills – Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

Environmental precautions – Avoid discharge into drains, water courses or onto the ground.

7. Handling and Storage

Precautions for safe handling – Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities – Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure Controls/Personal Protection**Occupational exposure limits**

U.S. Workplace Environmental Exposure Level (WEEL) Guides Material	Type	Value	Form
Propane-1,2-diol (CAS 57-55-6)	TWA	10 mg/m3	Aerosol

Biological limit values

No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Individual protection measures, such as personal protective equipment

The following are recommendations for Personal Protective Equipment (PPE). The employer/user of this product must perform a Hazard Assessment of the workplace according to OSHA regulations 29 CFR 1910.132 to determine the appropriate PPE for use while performing any task involving potential exposure to this product.

Eye/face protection	Wear safety glasses with side shields (or goggles).
Skin protection	
Hand protection	Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier.
Other	Wear suitable protective clothing
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment.
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.
General hygiene considerations	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and Chemical Properties**Appearance:**

Physical State:	Liquid
Form:	Liquid
Color:	Clear Colorless
Odor:	Characteristic
Odor Threshold:	Not available
pH: Not available	
Melting point/freezing point:	-74.2°F (-59°C)
Initial boiling point & boiling range	370.76°F (188.2°C)
Flash point:	219.0°F (103.9°C)
Evaporation point:	Not available
Flammability (solid, gas)	Not applicable
Upper/lower flammability or explosive limits	
Flammability limit – lower (%)	Not available
Flammability limit – upper (%)	Not available
Explosive limit – lower (%)	Not available
Explosive limit – upper (%)	Not available
Vapor pressure:	Not available
Vapor density:	Not available
Relative density	Not available
Solubility (ies)	
Solubility (water)	Not available
Partition coefficient (n-octanol/water)	-0.92
Auto-ignition temperature	700°F (371.11°C)
Decomposition temperature	Not available
Viscosity	Not available

Other information	
Density	8.67 lbs/gal
Dynamic viscosity	58.1 mPa.s (68°F (20°C))
Explosive properties	Not explosive
Flammability class	Combustible IIIB estimated
Heat of combustion (NFPA 30B)	20.5kJ/g
Molecular formula	C3-H8-O2
Molecular weight	76.09 g/mol
Oxidizing properties	Not oxidizing
Percent volatile	100%
Specific gravity	1.04
Surface tension	40.1 mN/m (77°F (25°C))
VOC	100%
	100 % EPA estimated

10. Stability and Reactivity

Reactivity	Stable and non-reactive under normal conditions of use, storage and transport
Chemical stability	Stable under normal conditions
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use
Conditions to avoid	Contact with incompatible materials
Incompatible materials	Strong oxidizing agents
Hazardous decomposition products	No hazardous decomposition products are known

11. Toxicological Information

Information on likely routes of exposure

Inhalation	No adverse effects due to inhalation are expected
Skin contact	No adverse effects due to skin contact are expected
Eye contact	Direct contact with eyes may cause temporary irritation
Ingestion	Expected to be a low ingestion hazard
Symptoms related to the physical, chemical and toxicological characteristics	Direct contact with eyes may cause temporary irritation

Information on toxicological effects

Acute toxicity	Not available
Skin corrosion/irritation	Prolonged skin contact may cause temporary irritation
Serious eye damage/eye irritation	Direct contact with eyes may cause temporary irritation.
Respiratory or skin sensitization	
Respiratory sensitization	Not a respiratory sensitizer
Skin sensitization	This product is not expected to cause skin sensitization
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA
IARC Monographs, Overall Evaluation of Carcinogenicity	Not listed
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)	Not regulated
US. National Toxicology Program (NTP) Report on Carcinogens	Not listed

Reproductive toxicity	This product is not expected to cause reproductive or developmental effects.
Specific target organ toxicity – single exposure	Not classified
Specific target organ toxicity – repeated exposure	Not classified
Aspiration hazard	Not an aspiration hazard
Further information	This product has no known adverse effect on human health

12. Ecological Information

Ecotoxicity The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Product	Species	Test Results
Propane-1,2-diol (CAS 57-55-6)		
Aquatic		
Crustacea	EC50	Water flea (<i>Daphnia magna</i>) > 10000 mg/l, 48 hours
Fish	LC50	Fathead minnow (<i>Pimephales promelas</i>) 710 mg/l, 96 hours

- Estimates for product may be based on additional component data not shown.

Persistence and degradability No data is available on the degradability of this product.

Bioaccumulative potential
Partition coefficient n-octanol / water (log Kow)
 -0.92

Mobility in soil No data available

Other adverse effects No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal Conditions

Disposal instructions	Collect and reclaim or dispose in sealed containers at licensed waste disposal site.
Local disposal regulations	Dispose in accordance with all applicable regulations.
Hazardous waste code	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Waste from residue / unused product	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see Disposal instructions).
Contaminated packaging	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport Information

DOT
 Not regulated as dangerous goods.
 DOT information on packaging may be different from that listed.

15. Regulatory Information

US federal regulations This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - No
Delayed Hazard - No
Fire Hazard - No Pressure
Hazard - No Reactivity
Hazard - No

SARA 302 Extremely hazardous substance - Not listed.

SARA 311/312 Hazardous Chemical - Yes

SARA 313 (TRI reporting) - Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List - Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130) - Not regulated.

Safe Drinking Water Act (SOWA) – Not regulated

Food and Drug Administration (FDA) – Total food additive
Direct food additive
GRAS food additive

US state regulations

US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100)

Not listed.

US. Massachusetts RTK - Substance List

Not regulated.

US. New Jersey Worker and Community Right-to-Know Act

Propane-1,2-diol (CAS 57-55-6)

US. Pennsylvania Worker and Community Right-to-Know Law

Propane-1,2-diol (CAS 57-55-6)

US. Rhode Island RTK

Not regulated.

US. California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes

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Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA)	Yes

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other Information

Issue date: 04/11/2015
Revision date: 05/04/2016
Version #: 14

HMIS Ratings: Health: 0
Flammability: 0
Physical hazard: 0

NFPA Ratings: Health: 0
Flammability: 1
Instability: 0

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