Iodopropynyl Butylcarbamate

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / March 26, 2012 / Rules and Regulation

Revision Date: 29-Jan-2026
Supersedes: 11-Aug-2023

1 PRODUCT & COMPANY IDENTIFICATION

Product Name: Iodopropynyl Butylcarbamate
Synonyms: No data available
INCI Name: Propylene Glycol (and) Iodopropynyl butylcarbamate
CAS Number: 57-55-6, 55406-53-6
Formula: No data available
Product Form: Liquid
Product Use: Cosmetic use

Distributor: MakingCosmetics Inc.
Address: 10800 231st Way NE
Redmond, WA 98053 (USA)

Phone / Fax: 425-292-9502 / 425-292-9601
Web: **www.makingcosmetics.com**

Emergency Telephone Number: 1-800-424-9300 (Chemtrec)

2 HAZARDS IDENTIFICATION

GHS Classification:
Acute toxicity (inhalation: dust, mist) Category 4
Serious eye damage/eye irritation Category 1
Skin sensitization, Category 1
Specific target organ toxicity (repeated exposure) Category 1

GHS Signal Word: **DANGER!**

GHS Hazard Pictograms:

GHS Hazard Statements:
H317 -May cause an allergic skin reaction.
H318 - Causes serious eye damage.
H332 - Harmful if inhaled.
H372 - Causes damage to organs through prolonged or repeated exposure.

GHS Precautionary Statements:
P260 - Do not breathe dust/fume/gas/mist/vapors/spray.
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
P264 - Wash hands, forearms and face thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P271 - Use only outdoors or in a well-ventilated area.
P272 - Contaminated work clothing must not be allowed out of the workplace.

Potential Health Hazards:
Eyes: Causes serious eye damage.
Inhalation: May be an irritant.
Skin: May cause an allergic skin reaction.
Ingestion: No known hazards but may cause nausea, vomiting, or diarrhea.

NFPA Ratings (704):

Health	N/A	N/A
Flammability	N/A	N/A
Reactivity	N/A	N/A
Specific Hazard	N/A	

3 COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Weight %	Hazard Class
Propylene Glycol	57-55-6	≤90%	Not classified
Iodopropynyl butylcarbamate	55406-53-6	≤10%	Acute Tox. 4 (Oral) Acute Tox. 3 (Inhalation) Eye Dam. 1 Skin Sens. 1 STOT RE 1 Aquatic Acute 1

4 FIRST AID MEASURES

Eyes:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.
Inhalation:	Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor/physician if you feel unwell.
Skin:	Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs, get medical advice/attention.
Ingestion:	Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. Call a poison center/doctor/physician if you feel unwell.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	No fire hazard. No direct explosion hazard. Use appropriate media (water spray, dry powder, foam, carbon dioxide) for adjacent fire. Do not use a solid water stream as it may scatter and spread fire.
Special protective equipment & precautions for firefighters:	Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.
Flash Points:	>212°F (>100°C)
Specific hazards arising from the chemical:	Hazardous decomposition products include carbon dioxide and carbon monoxide. See also Stability and Reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:	Evacuate unnecessary personnel. Stop leak if safe to do so. Ventilate spillage area. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid contact with skin and eyes. Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.
Environmental precautions:	Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material-damage. Avoid release into sewers/public water. Notify environmental authorities in case of large leaks.
Methods and material for containment and cleaning up:	Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak, if possible, without risk. Take up liquid spill into absorbent material. Dispose of all waste and cleanup materials in accordance with regulations.

7 HANDLING & STORAGE

Precautions for safe handling:	Not expected to present a significant hazard under anticipated conditions of normal use. Do not breathe dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. Avoid contact with skin and eyes. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product. See section 8 for recommendations on the use of personal protective equipment.
Conditions for safe storage, incl. any incompatibilities:	Keep in a cool, dry, well-ventilated place away from heat and direct sunlight. Store between 0-89°F (0-32°C). Store in a container made of the same material as the original container. Keep away from heat and incompatible materials (see section 10 for incompatibilities).

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Component	Exposure Limits	Basis	Entity
Propylene Glycol	10 mg/m^3	WEEL - TWA	AIHA

TWA: Time Weighted Average over 8 hours of work.
TLV: Threshold Limit Value over 8 hours of work.
REL: Recommended Exposure Limit
PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit during x minutes.
IDLH: Immediately Dangerous to Life or Health
WEEL: Workplace Environmental Exposure Levels
CEIL: Ceiling

Personal Protection:

Eyes:	Safety glasses should be worn.
Inhalation:	In case of inadequate ventilation, wear respiratory protection.

Body:	Wear protective gloves made of rubber or neoprene. Suitable protective clothing should be worn.
Other:	Use good personal hygiene practices. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid	**Vapor Pressure:**	No data available
Odor:	Characteristic	**Vapor Density:**	No data available
Odor Threshold:	No data available	**Evaporation Rate:**	No data available
Color:	Light brown	**Flammability:**	No data available
Molecular Weight:	No data available	**Upper/lower Explosive Limit:**	No data available
pH:	No data available	**Flash Point:**	>212°F (>100°C)
Boiling Point:	No data available	**Specific Gravity:**	No data available
Melting Point:	Not applicable	**Solubility in Water:**	No data available
Relative Density:	No data available	**Auto-Ignition Temperature:**	No data available
Partition Coefficient: n-octanol/water:	No data available	**Decomposition Temperature:**	No data available
Oxidizing Properties:	None reported	**Explosive Properties:**	None reported

10 STABILITY AND REACTIVITY

Reactivity:	The product is non-reactive under normal conditions of use, storage and transport.
Chemical Stability:	Stable under normal conditions.
Hazardous Polymerization:	No dangerous reactions known under normal conditions of use.
Conditions to Avoid:	None under recommended storage and handling conditions (see section 7).
Incompatible Materials:	No additional information available.
Hazardous Decomposition Products:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	No data available.
Skin:	Not classified under acute dermal toxicity. May cause an allergic skin reaction.
Eyes:	Serious damage to eyes.
Respiratory:	Harmful if dust/mist is inhaled.
Ingestion:	Not classified under acute oral toxicity. No symptoms expected under normal conditions of use.
Carcinogenicity:	Not classified.
Teratogenicity:	No data available.
Germ Cell Mutagenicity:	Not classified.
Specific Target Organ Toxicity:	Not classified under single exposure. STOT repeated exposure causes damage to organs through prolonged or repeated exposure.
Reproductive Toxicity:	Not classified.
Respiratory/Skin Sensitization:	May cause an allergic skin reaction.
Aspiration Hazard:	Not classified.

12 ECOLOGICAL INFORMATION

Ecotoxicity	The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.
Aquatic Vertebrate:	Component: Iodopropynyl butylcarbamate (Lepomis macrochirus [flow-through]) LC50: 0.14 - 0.32 mg/l; Exposure time: 96 hours. (Oncorhynchus mykiss [flow-through])) LC50: - 0.049 - 0.079 mg/l; Exposure time: 96 hours. Component: Propylene Glycol (Oncorhynchus mykiss [static]) LC50: 51600 mg/l; Exposure time: 96 hours.
Aquatic Invertebrate:	Component: Iodopropynyl butylcarbamate (Crustacea [1]) EC50: 0.16 mg/l; Source: The ECOTOXicology database. Component: Propylene Glycol (Daphnia magna [Static]) EC50: > 1000 mg/l; Exposure time: 48 hours.
Algae:	Component: Iodopropynyl butylcarbamate; (Algae [1]) EC50 96 hours: 1.978 mg/l; Source:

	Ecological Structure Activity Relationships. ErC50: 0.053 mg/l. NOEC: 0.0046 mg/l. Component: Propylene Glycol; (Pseudokirchneriella subcapitata [1]) EC50 72 h; 24200 mg/l. (Skeletonema Costatum [2]) EC50 72h: 19300 mg/l. (Pseudokirchneriella subcapitata [1]) EC50 96h: 19000 mg/l. (Skeletonema costatum [2]) EC50 96h: 19100 mg/l. (Algae) ErC50: 24200 mg/l; OECD 201: Alga, Growth Inhibition Test, 72h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP).
Persistence and Degradability:	Component: Iodopropynyl butylcarbamate: Not rapidly degradable. Component: Propylene Glycol: Biodegradable in the soil. Readily biodegradable in water.
Bioaccumulative Potential:	Component: Iodopropynyl butylcarbamate: Partition coefficient n-octanol/water (Log Pow) 2.4. Component: Propylene Glycol: Partition coefficient n-octanol/water (Log Pow) -1.07 (Experimental value, EU Method A.8: Partition Coefficient, 20.5 °C). Not bioaccumulative.
Mobility in Soil:	Component: Iodopropynyl butylcarbamate: 269.15. Component: Propylene Glycol: Highly mobile in soil.
PBT and vPvB Assessment:	No data available.
Other Adverse Effects:	No data available.

13 DISPOSAL CONSIDERATIONS

Waste Residues:	Dispose of contents/container in accordance with licensed collector's sorting instructions. Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies, if necessary, before disposing of waste product.
Product Containers:	Do not reuse empty containers. Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies, if necessary, before disposing of waste product container.

The information in section 13 is for the product as shipped. Use and/or alterations to the product may change the characteristics of the material and alter the waste classification and proper disposal methods

14 TRANSPORT INFORMATION

DOT (Dept. of Transportation, USA):	Not regulated.
TDG (Transportation of Dangerous Goods, Canada):	Not regulated.
IMDG (International Maritime Dangerous Goods):	Not regulated.
IATA (International Air Transport Association):	Not regulated.
ICAO (International Civil Aviation Organization):	No data available.

15 REGULATORY INFORMATION

TSCA Inventory Status:	All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.
SARA Section 313:	Chemical(s) subject to the reporting requirements: Iodopropynyl butylcarbamate; CAS-Number: 55406-53-6; 10% of material composition.
California Prop. 65:	This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm.
NJ Right to Know:	Iodopropynyl butylcarbamate (55406-53-6), Propylene Glycol (57-55-6).
PA Right to Know:	Propylene Glycol (57-55-6).

16 OTHER INFORMATION

Revision Date:	29-Jan-2026
Compliance:	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
Disclaimer:	This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitableness & completeness of such information for his own particular use.