

## Paraben-DU


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

Revision Date: 17-Dec-2024  
Supersedes: 02-Nov-2023

### 1 PRODUCT & COMPANY IDENTIFICATION

<b>Product Name:</b>	Paraben-DU	<b>Distributor:</b>	MakingCosmetics Inc.
<b>Synonyms:</b>	No data available	<b>Address:</b>	10800 231 <sup>st</sup> Way NE Redmond, WA 98053 (USA)
<b>INCI Name:</b>	Propylene Glycol, Diazolidinyl Urea, Methylparaben, Propylparaben	<b>Phone / Fax:</b>	425-292-9502 / 425-292-9601
<b>CAS Number:</b>	57-55-6, 78491-02-8, 99-76-3, 94-13-3	<b>Web:</b>	www.makingcosmetics.com
<b>Formula:</b>	No data available	<b>Emergency Telephone Number: 1-800-424-9300 (Chemtrec)</b>	
<b>Product Form:</b>	Liquid		
<b>Product Use:</b>	Cosmetic use		

### 2 HAZARDS IDENTIFICATION

<b>Classification:</b>	Eye irritation: Category 2A												
<b>Signal Word:</b>	<b>WARNING!</b>												
<b>Hazard Pictograms:</b>													
<b>Hazard Statements:</b>	H319: Causes serious eye irritation.												
<b>Precautionary Statements:</b>	(Prevention) Wash skin thoroughly after handling. Wear eye protection/ face protection. (Response) IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/ attention.												
<b>Potential Health Hazards:</b>	Eyes: Causes serious eye irritation. Inhalation: May be an irritant. Skin: May be an irritant. Ingestion: May cause nausea, vomiting, and diarrhea.												
<b>NFPA Ratings (704):</b>	<table border="0"> <tr> <td>Health</td> <td>2</td> <td>Moderate</td> </tr> <tr> <td>Flammability</td> <td>1</td> <td>Slight</td> </tr> <tr> <td>Reactivity</td> <td>0</td> <td>Minimal</td> </tr> <tr> <td>Specific Hazard</td> <td>N/A</td> <td></td> </tr> </table>	Health	2	Moderate	Flammability	1	Slight	Reactivity	0	Minimal	Specific Hazard	N/A	
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### 3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Classification</u>
Propylene Glycol	57-55-6	Not Available	Not Available
Diazolidinyl Urea	78491-02-8	Not Available	Comb Dust Eye Irrit.2A; H319
Methylparaben	99-76-3	Not Available	Not Available
Propylparaben	94-13-3	Not Available	Not Available
Phosphoric acid	7664-38-2	0.1 - 0.2%	Not Available

### 4 FIRST AID MEASURES

<b>Eyes:</b>	Causes serious eye irritation, with tearing, blurred vision, redness, and burning or stinging of the eye. Immediately flush eye(s) with plenty of water. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist. Treat symptomatically.
<b>Inhalation:</b>	If unconscious, place in recovery position and seek medical advice. If symptoms persist, call a physician. Treat

symptomatically.  
**Skin:** Wash off with soap and plenty of water. Treat symptomatically.  
**Ingestion:** Do Not Induce Vomiting. Never give anything by mouth to an unconscious person. Keep respiratory tract clear. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Treat symptomatically.

## 5 FIRE-FIGHTING MEASURES

**Suitable (and unsuitable) extinguishing media:** May be combustible at high temperatures. Use appropriate media for surrounding environment and adjacent fire. Do not use high volume water jet.  
**Special protective equipment & precautions for firefighters:** Wear self-contained breathing apparatus and full protective clothing, including eye protection and boots. Follow standard procedure for chemical fires. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.  
**Flash Points:** 219°F (104.4°C)  
**Specific hazards arising from the chemical:** Hazardous combustion products include carbon dioxide (CO<sub>2</sub>), carbon monoxide, aldehydes hydrocarbons, ketones, phenols. See also Stability and reactivity section.

## 6 ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment & emergency procedures:** 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:** Avoid liquid release into sewers/public water/environment. Notify environmental authorities in case of leak.  
**Methods and material for containment and cleaning up:** Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal. Dispose of absorbed material in accordance with the regulations.

## 7 HANDLING & STORAGE

**Precautions for safe handling:** Take normal measures for preventive fire protection. Do not breathe vapors/dust. Avoid contact with skin and eyes. Smoking, eating and drinking should be prohibited in the application area. Dispose of rinse water in accordance with local regulations. Use good personal hygiene practice. See section 8 for recommendations on the use of personal protective equipment.  
**Conditions for safe storage, incl. any incompatibilities:** Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Electrical installations / working materials must comply with the technological safety standards. Protect from frost. Do not store below 50°F (10°C). No decomposition if stored and applied as directed. Store away from incompatible materials (see section 10 for incompatibilities).

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Alkyl Glycol (254504001-5231)	10 mg/m <sup>3</sup>	TWA	US WEEL

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:** Wear tightly fitting safety goggles. Wear face-shield and protective suit for abnormal processing problems. Eye wash bottle with pure water.  
**Inhalation:** In the case of vapor formation use a respirator with an approved filter within the capabilities of the respirator/filter combination. Where concentrations are above recommended limits or are unknown, or a cartridge type respirator is not adequate, wear a positive-pressure supplied-air respirator.  
**Body:** Wear butyl rubber gloves (>0.5mm thick with a break through time of 480 min) and a work uniform or laboratory coat. Choose body protection according to the amount and concentration of the dangerous substance at the work

place.  
**Other:** Use good personal hygiene practices. Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below exposure guidelines (if applicable) or below levels that cause known, suspected or apparent adverse effects. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Liquid	<b>Vapor Pressure at 20°C:</b>	0.2926 hPa
<b>Odor:</b>	Characteristic, mild	<b>Relative Vapor Density:</b>	Not determined
<b>Odor Threshold:</b>	No data available	<b>Evaporation Rate:</b>	Not determined
<b>Color:</b>	Clear	<b>Flammability:</b>	Not determined
<b>Molecular Weight:</b>	No data available	<b>Upper/lower Explosive Limit:</b>	Not determined
<b>pH:</b>	No data available	<b>Flash Point:</b>	219°F (104.4°C)
<b>Boiling Point:</b>	369°F (187.2°C)	<b>Specific Gravity:</b>	No data available
<b>Melting/Freezing Point:</b>	Not determined	<b>Water Solubility at 25°C:</b>	15 g/l
<b>Density:</b>	1.18 g/cm <sup>3</sup>	<b>Auto-Ignition Temperature:</b>	No data available
<b>Partition Coefficient: n-octanol/water:</b>	Alkyl Glycol: log Pow: -0.92 Diazolidinyl Urea: log Pow: 0.9	<b>Decomposition Temperature:</b>	No data available
<b>Viscosity:</b>	Not determined	<b>Explosive Properties:</b>	No data available
<b>Oxidizing Properties:</b>	Not applicable	<b>Metal Corrosion:</b>	No data available

## 10 STABILITY AND REACTIVITY

<b>Reactivity:</b>	No dangerous reaction known under conditions of normal use.
<b>Chemical Stability:</b>	Stable under normal conditions.
<b>Hazardous Polymerization:</b>	No data available.
<b>Conditions to Avoid:</b>	Protect from frost, heat and sunlight.
<b>Incompatible Materials:</b>	Strong bases, oxidizing agents, strong acids.
<b>Hazardous Decomposition Products:</b>	Carbon monoxide, carbon dioxide (CO <sub>2</sub> ).
<b>Possible Hazardous Reactions:</b>	Vapors may form explosive mixture with air.

## 11 TOXICOLOGICAL INFORMATION

<b>Acute Toxicity:</b>	No data available.
<b>Skin:</b>	May cause skin irritation in susceptible persons.
<b>Component</b>	
Alkyl Glycol:	> 2,000 mg/kg; Assessment: Not classified as acutely toxic by dermal absorption under GHS. Remarks: No mortality observed at this dose.
Diazolidinyl Urea:	LD50: > 2,000 mg/kg; Method: OPPTS 870.1200 Assessment: Not classified as acutely toxic by dermal absorption under GHS.
<b>Eyes:</b>	May cause irreversible eye damage.
<b>Component</b>	
Alkyl Glycol:	(Rabbit) No eye irritation.
Diazolidinyl Urea:	(Rabbit) Irritating to eyes. Method: OPPTS 870.2400.
<b>Inhalation:</b>	No data available.
<b>Ingestion:</b>	
<b>Component</b>	
Alkyl Glycol:	(Rat, Oral) LD50: 22,000 mg/kg.
Diazolidinyl Urea:	(Rat, Oral) LD50: > 2,000 mg/kg; Method: OPPTS 870.1100.
<b>Likely Routes of Exposure:</b>	Inhalation, eye contact, skin contact, and ingestion.
<b>Carcinogenicity:</b>	
<b>IARC:</b>	No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
<b>OSHA:</b>	No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.
<b>NTP:</b>	No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
<b>Teratogenicity:</b>	No data available.

<b>Germ Cell Mutagenicity:</b>	Not classified based on available information.
<b>Embryotoxicity:</b>	No data available.
<b>Specific Target Organ Toxicity:</b>	Not classified based on available information for single or repeated exposure.
Component	
Diazolidinyl Urea:	(Rat, male/female, Oral) NOEL: 200 mg/kg; Exposure time: 90 days.
<b>Reproductive Toxicity:</b>	No data available.
<b>Respiratory/Skin Sensitization:</b>	Not classified based on available information. Respiratory sensitization: Not classified based on available information.
Component	
Alkyl Glycol:	(Mouse) Test Type: Local lymph node assay; Assessment: Does not cause skin sensitization. Method: OECD Test Guideline 429.
Diazolidinyl Urea:	(Guinea Pig) Test Type: Maximization Test; Assessment: Did not cause sensitization on laboratory animals. Method: OECD Test Guideline 406.
<b>Skin Corrosion/Irritation:</b>	Not classified based on available information.
<b>Aspiration Toxicity:</b>	Not classified based on available information.

## 12 ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	Acute aquatic toxicity Category 2; Toxic to aquatic life. Chronic aquatic toxicity Category 3; Harmful to aquatic life with long lasting effects.
<b>Aquatic Vertebrate:</b>	
Component	
Alkyl Glycol:	(Pimephales promelas (fathead minnow)) LC50: 29,485 -39,339 mg/l; Exposure time: 96 hours; Test Type: semi-static test.
Diazolidinyl Urea:	(Fish) LC50: > 100 mg/l; Exposure time: 96 hours.
<b>Aquatic Invertebrate:</b>	
Component	
Alkyl Glycol:	(Daphnia magna (Water flea)) EC50: > 10,000 mg/l; Exposure time: 48 hours; Test Type: static test.
Diazolidinyl Urea:	(Daphnia magna (Water flea)) EC50: 58 mg/l; Exposure time: 48 hours; Test Type: flow-through test.
<b>Terrestrial:</b>	
Component	
Alkyl Glycol:	(Pseudokirchneriella subcapitata (green algae)) EC50: 24,200 mg/l; End point: Growth inhibition; Exposure time: 72 hours; Test Type: static test.
Diazolidinyl Urea:	(Selenastrum capricornutum (green algae)) ErC50: 5.78 mg/l; End point: EC50; Exposure time: 72 hours; Test Type: Growth inhibition; Analytical monitoring: yes.
<b>Persistence and Degradability:</b>	
Component	
Alkyl Glycol:	Result: Readily biodegradable; Biodegradation: 81%; Exposure time: 28 days; Method: OECD Test Guideline 301F.
Diazolidinyl Urea:	Not readily biodegradable; Biodegradation: 24%; Exposure time: 28 daays; Method: Directive 67/548/EEC Annex V, C.4.C. Degradation half-life (DT50): 12 hours (20.4 °C) pH: 7.
<b>Bioaccumulative Potential:</b>	Component: Diazolidinyl Urea: The substance has low potential for bioaccumulation.
<b>Mobility in Soil:</b>	Component: Diazolidinyl Urea: Koc: < 2.
<b>PBT and vPvB Assessment:</b>	Component: Diazolidinyl Urea: This substance is not considered to be persistent, bioaccumulating and toxic (PBT). This substance is not considered to be very persistent and very bioaccumulating (vPvB).
<b>Other Adverse Effects:</b>	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Toxic to aquatic life., Harmful to aquatic life with long lasting effects.

## 13 DISPOSAL CONSIDERATIONS

<b>Waste Residues:</b>	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.
<b>Product Containers:</b>	Do not contaminate ponds, waterways or ditches with chemical or used container. Send to a licensed waste management company. Empty remaining contents. Dispose of as unused product. Do not re-use 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

<b>DOT (Dept. of Transportation, USA):</b>	Not dangerous goods.
<b>TDG (Transportation of Dangerous Goods, Canada):</b>	Not dangerous goods.
<b>IMDG (International Maritime Dangerous Goods):</b>	Not dangerous goods.
<b>IATA (International Air Transport Association):</b>	Not dangerous goods.
<b>ICAO (International Civil Aviation Organization):</b>	Not dangerous goods.

## 15 REGULATORY INFORMATION

<b>TSCA Inventory Status:</b>	No substances are subject to a Significant New Use Rule. No substances are subject to TSCA 12(b) export notification requirements. All substances listed as active on the TSCA inventory.
<b>CERCLA Reportable Quantity:</b>	Phosphoric acid (CAS: 7664-38-2); Component RQ lbs: 5000. Calculated RQ exceeds reasonably attainable upper limit.
<b>SARA 311/312 Hazards:</b>	Serious eye damage or eye irritation.
<b>SARA 302:</b>	This material does not contain any components with a section 302 EHS TPQ.
<b>SARA 313:</b>	This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
<b>PA Right to Know:</b>	The identity and concentration of one or more component(s) is being withheld under business confidentiality. ALKYL GLYCOL (CAS: 254504001-5231), DIAZOLIDINYL UREA (CAS: 78491-02-8), methyl 4-hydroxybenzoate (CAS: 99-76-3), PROPYL PARABEN (CAS: 94-13-3).
<b>NJ Right to Know:</b>	The identity and concentration of one or more component(s) is being withheld under business confidentiality. ALKYL GLYCOL (CAS: 254504001-5231), DIAZOLIDINYL UREA (CAS: 78491-02-8), methyl 4-hydroxybenzoate (CAS: 99-76-3), PROPYL PARABEN (CAS: 94-13-3).
<b>California Prop. 65:</b>	This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.
<b>Canada (DSL):</b>	All components of this product are on the Canadian DSL.
<b>EU (EINECS):</b>	No data available.
<b>China (IECSC):</b>	On the inventory, or in compliance with the inventory.
<b>Australia (AICS):</b>	On the inventory, or in compliance with the inventory.
<b>Japan (ENCS):</b>	Personal care.
<b>Japan (ISHL):</b>	On the inventory, or in compliance with the inventory.
<b>Philippines (PICCS):</b>	On the inventory, or in compliance with the inventory.
<b>Korea (KECI):</b>	On the inventory, or in compliance with the inventory.
<b>Taiwan (TCSI):</b>	On the inventory, or in compliance with the inventory.
<b>Thailand (TECI):</b>	On the inventory, or in compliance with the inventory.
<b>New Zealand (NZIoC):</b>	Not in compliance with the inventory.

## 16 OTHER INFORMATION

<b>Revision Date:</b>	17-Dec-2024
<b>Compliance:</b>	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
<b>Disclaimer:</b>	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 suitability & completeness of such information for his own particular use.