



Safety Data Sheet

DSC Products Inc.

Date Revised: 01/30/2024

SECTION 1: PRODUCT IDENTIFICATION

Manufacturer Name	DSC PRODUCTS INC	24 Hour Emergency Telephone	(231) 739-2068
Address	1979 Latimer Dr. Building B Muskegon, MI 49442 (517) 545-8187	www.dscprod.com	
Trade Name	PHLUSH	Product Type	Deodorant
Chemical Family	QUATERNARY	Formula	N/A

SECTION 2: HAZARDOUS IDENTIFICATION

GHS Classifications

Physical, Flammable Liquids, 4
Health, Acute toxicity, 5 Dermal

GHS Phrases:

H227 – Combustible liquid
H313 – May be harmful in contact with skin

GHS Label Elements:

Signal Word:

Warning

GHS Pictograms:

None

Precautionary Statements:

Prevention:

Keep away from heat/sparks/open flames/hot surfaces.
No smoking.
Wear protective gloves/protective clothing/eye protection/
Face protection.
Call a Poison Center or doctor/physician if you feel unwell.
In case of fire: Use ABC extinguisher for extinction.
Store in a well ventilated place. Keep cool.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Name/Common Name	% (optional)	Cas.No.	OSHA PEL	ACGIH TLV (source)
Alkyl dimethyl benzyl ammonium chloride		68424-85-1		
Alkyl dimethyl ethyl benzyl ammonium chloride		68424-95-3		
D'Limonene		5989-27-5		
Phosphoric Acid		7664-38-2		
Coco Amidopropyl Betaine		Not Assigned		

SECTION 4: FIRST AID MEASURES

Eyes	Flush with water, if irritation persists, consult physician
Skin	Wash with soap and water, if irritation persists, consult physician
Ingestion	Give large quantity of water or milk, induce vomiting, get medical attention
Inhalation	Remove to fresh air, if breathing is difficult, consult physician

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SECTION 5: FIRE FIGHTING MEASURES

Flash Point (T.C.C.)	N/A	Boiling	None to limits
Flammable Limits	N/A	Upper	Lower
Extinguishing Media	Water, dry chemical, foam	Special Fire Fighting Procedures	None
Unusual Fire and Explosion Hazards	None		

SECTION 6: ACCIDENTAL RELEASE MEASURES

Steps to be taken if released or spilled	Absorb or place in separate container
Waste disposal methods	Dispose to landfill in conformance with local, state and federal regulations.

SECTION 7: HANDLING AND STORAGE

Precautions to be taken in handling and storage
Other: KEEP OUT OF REACH OF CHILDREN
Keep container tightly closed and store in a cool place. Do not mix with other chemicals

SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

Respiratory Protection	Not required unless product is atomized, then use a NIOSH approved respirator.		
Ventilation	Local X	Mechanical	Other
Protective Gloves	Non-absorbent	Eye Protection	Glasses with side shields
Other Protective Clothing or Equipment	Protect parts of body that may come in contact with product		
Work/Hygienic Practices	Wash with soap and water after contact		

Dipropylene glycol methyl ether 34590-94-8 OSHA PEL 100 ppm/600 mg/m3

D'Limonene 5989-27-5

Isopropanol 67-63-0 OSHA PEL 400 ppm/980 mg/m3

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point (degrees F)	212F	Specific Gravity (H2O=1.0)	1.02	pH	3.0
Vapor Pressure (mm Hg)	N/A	Vapor Density (Air = 1)	N/A	Melting Point (degrees F)	N/A
Solubility in Water	Complete X	Invisible	Emulsible (or dispersible)	Slight (or partial)	
Evaporation Rate (vs. H2O)		Faster	Slower	About the same X	
Appearance and Odor	Clear, light yellow liquid				

SECTION 10: STABILITY AND REACTIVITY

Stability	Stable	Incompatibility	Strong oxidizing agents
Hazardous Decomposition Products	None	Hazardous Polymerization	Will not occur



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SECTION 11: TOXICOLOGY INFORMATION

Threshold Limit Value – Product (Section 2-TLV)		None Established X		Not Applicable		
Primary Routes of Exposure		Eye X	Skin	Oral X	Inhalation	Other
Signs and Symptoms of Over-exposure (acute)						
Eyes	Causes irritation		Skin	May cause irritation		
Inhalation	Harmful or fatal if swallowed		Ingestion	May irritate respiratory tract, cause nausea and disorientation.		
Signs and Symptoms of Over-exposure (chronic)			Not established			
Medical Conditions aggravated by Over-exposure			None known			
Carcinogen or Suspect Carcinogen Ingredients			NP	ARC	OSHA	None X
D-Limonene 5989-27-5						
4400 mg/kg – Rat		Inhalation (LC 50):		Not Listed on RTECS		
Mild		Eye Irritation:		Severe		
Sensitization:				Not considered an occupational sensitizer.		

D-Limonene 5989-27-5

Inhalation (LC50): Not listed on RTECS
 Eye irritation: Severe
 Oral (LD 50): 4400 mg/kg - Rat

Dipropylene glycol methyl ether 34590-94-8

Oral (LD 50): 5400 uL/kg – Rat
 Inhalation (LC 50): Not listed on RTECS
 Skin irritation: Mild – Rabbit
 Eye irritation: Mild – Rabbit
 Sensitization: Not considered an occupational sensitizer

Isopropanol 67-63-0

Oral (LD 50): 5045 mg/kg – Rat
 Inhalation (LC 50): 16000 ppm/8H – Rat
 Skin irritation: Mild – Rabbit
 Eye irritation: Severe – Rabbit
 Sensitization: Not considered an occupational sensitizer

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

Toxic to aquatic organisms. Information available upon request.

Environmental Fate

This product is biodegradable.



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SECTION 13: DISPOSAL CONSIDERATIONS

Disposal Instructions

Treatment, storage, transportation and disposal must be in accordance with applicable Federal, State/Provincial and Local regulations. Regulations may vary in different locations. Characterization and compliance with applicable laws are the responsibility solely of the generator.

SECTION 14: TRANSPORTATION INFORMATION

DOT Proper Shipping Name

Refer to bill of lading or container label for DOT or other transportation hazard classification, if any.

SECTION 15: REGULATORY INFORMATION

Inventories

All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL), Europe (EINECS/ELINCS/Polymer/NLP), Australia (AICS), Japan (ENCS), Philippines (PICCS), and China (IECSC).

There is no calculable reportable quantity (RQ) for this product.

SECTION 16: OTHER INFORMATION

	Health	Fire	Reactivity	Special	Personal Protection Index
NFPA	2	0	0	0	B
HMIS	2	0	0	0	B

Note to Reader

The information contained herein is deemed accurate and complete at the time of this publication. Use of the product beyond care, custody and control of the manufacture shall bear no warranty whether implied or expressed. DSC Products, Inc. assumes no liability for injury to any person or property resulting of this product without strict adherence to safety procedures. User bears all risks concerning use of the product as designated through labeling. It is recommended any and all data, directives and recommendations should be followed accordingly. This does not apply to any combination with other materials, chemical compounds or processes not inclusive of aforementioned specifications.