



# 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	IMPACT	Product Type	Liquid detergent
Chemical Family	Nonionic	Formula	N/A

### SECTION 2: HAZARDOUS IDENTIFICATION

#### GHS Classification:

Health, Acute toxicity, 5 Oral  
Health, Skin corrosion/irritation, 3  
Health, Serious Eye Damage/Eye Irritation, 2 B

#### GHS Phrases:

Warning, H303 – May be harmful if swallowed  
Warning, H316 – Causes mild skin irritation  
Warning, H320 – Causes eye irritation

#### GHS Label Elements:

#### Signal Word:

Warning

#### GHS Pictogram:

None

#### Precautionary Statements:

#### Prevention:

Wash thoroughly after handling.  
Do not eat, drink or smoke when using this product.  
Wear protective gloves/protective clothing/eye protection/  
face protection.

#### Response:

#### -Eyes

-IF IN EYES: Rinse continuously with water for several minutes.  
Remove contact lenses if present and easy to do.  
Continue rinsing.  
Call a Poison Center or doctor/physician if you feel unwell.  
If eye irritation persists: Get medical advice/attention.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Name/Common Name	% (optional)	Cas.No.	OSHA PEL	ACGIH TLV (source)
Octylphenoxy polyethoxy ethanol		Not assigned		
Citric Acid		Not assigned		
Coco amidopropyl		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, 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	<b>Special Fire Fighting Procedures</b>	None
Unusual Fire and Explosion Hazards	None		

### SECTION 6: ACCIDENTAL RELEASE MEASURES

Neutralize the solution.
Dispose to drain according to 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

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

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Boiling Point (degrees F)</b>	212 F	<b>Specific Gravity (H2O=1.0)</b>	1.03	<b>pH</b>	4
<b>Vapor Pressure (mm Hg)</b>	N/A	<b>Vapor Density (Air = 1)</b>	N/A	<b>Melting Point (degrees F)</b>	N/A
<b>Solubility in Water</b>	Complete X	Invisible	Emulsible (or dispersible)	Slight (or partial)	
<b>Evaporation Rate (vs. H2O)</b>		Faster	Slower	About the same X	
<b>Appearance and Odor</b>	Blue Liquid, Fresh				

### SECTION 10: STABILITY AND REACTIVITY

<b>Stability</b>	Stable	<b>Incompatibility</b>	Strong oxidizing agents
<b>Hazardous Decomposition Products</b>	Carbon Monoxide	<b>Hazardous Polymerization</b>	Will not occur



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### SECTION 11: TOXICOLOGY INFORMATION

<b>Threshold Limit Value – Product (Section 2-TLV)</b>		None Established X		Not Applicable		
<b>Primary Routes of Exposure</b>		Eye X	Skin X	Oral	Inhalation	Other
<b>Signs and Symptoms of Over-exposure (acute)</b>						
<b>Eyes</b>	Causes irritation		<b>Skin</b>	Prolonged contact will cause irritation, absorbed readily		
<b>Inhalation</b>	May cause irritation of the respiratory tract		<b>Ingestion</b>	Mild toxicity may irritate gastro intestinal tract.		
<b>Signs and Symptoms of Over-exposure (chronic)</b>			May cause liver problems			
<b>Medical Conditions aggravated by Over-exposure</b>			None known			
<b>Carcinogen or Suspect Carcinogen Ingredients</b>			NP	ARC	OSHA	None X

### SECTION 12: ECOLOGICAL INFORMATION

#### Toxicity

For this family of materials: Material is moderately toxic to aquatic organisms on an acute basis (LC50/EC50 between 1 and 10 mg/L in the most sensitive species tested).

#### Fish Acute & Prolonged Toxicity

For this family of materials: LC50, fathead minnow (*Pimephales promelas*), static, 96 h: 4 – 8.9 mg/l

#### Aquatic Invertebrate Acute Toxicity

For this family of materials: EC50, water flea *Daphnia magna*, static, 48 h: 18 – 26 mg/l

#### Toxicity to Micro-organisms

For this family of materials: IC50; bacteria, static, 16 h: 5,000 mg/l

#### Persistence and Degradability

For this family of materials: Material is readily biodegradable. Passes OECD test(s) for ready biodegradability.

**OECD Biodegradation Tests:** For this family of materials:

Biodegradation	Exposure Time	Method	10 Day Window
>60%	28 d	OECD 301B Test	pass

#### Biological oxygen demand (BOD):

BOD 5	BOD 10	BOD 20	BOD 28
17 – 30%	25 – 40%	23 - 51%	

**Chemical Oxygen Demand:** 1.71 – 2.18 mg/mg

**Theoretical Oxygen Demand:** 2.05 – 2.61 mg/mg

#### Bioaccumulative potential

**Partition coefficient, n-octanol/water (log Pow):** 2.7 Estimated.

**Bioconcentration Factor (BCF):** 15; Estimated.

#### Mobility in soil

**Mobility in soil:** No specific, relevant data available for assessment.

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### SECTION 13: DISPOSAL CONSIDERATIONS

DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. AS YOUR SUPPLIER, WE HAVE NO CONTROL OVER THE MANAGEMENT PRACTICES OR MANUFACTURING PROCESSES OF PARTIES HANDLING OR USING THIS MATERIAL. THE INFORMATION PRESENTED HERE PERTAINS ONLY TO THE PRODUCT AS SHIPPED IN ITS INTENDED CONDITION AS DESCRIBED IN MSDS SECTION: Composition Information. FOR UNUSED AND UNCONTAMINATED PRODUCT, the preferred options include sending to a licensed, permitted: Incinerator or other thermal destruction device. Waste water treatment system.

### SECTION 14: TRANSPORTATION INFORMATION

**DOT Non-Bulk**  
NOT REGULATED

**DOT Bulk**  
NOT REGULATED

**IMDG**  
NOT REGULATED

**ICAO/IATA**  
NOT REGULATED

*This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Additional transportation system information can be obtained through an authorized sales or customer service representative. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.*

### SECTION 15: REGULATORY INFORMATION

#### OSHA Hazard Communication Standard

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

#### Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Sections 311 and 312

Immediate (Acute) Health Hazard	Yes
Delayed (Chronic) Health Hazard	No
Fire Hazard	No
Reactive Hazard	No
Sudden Release of Pressure Hazard	No

#### Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Section 313

To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.

#### Pennsylvania (Worker and Community Right-To-Know Act): Pennsylvania Hazardous Substances List and/or Pennsylvania Environmental Hazardous Substance List:

To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.

#### Pennsylvania (Worker and Community Right-To-Know Act): Pennsylvania Special Hazardous Substances List:

To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.

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**US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A)**

To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.

**California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986)**

WARNING: This product contains a chemical(s) known to the State of California to cause cancer.

Component	CAS#	Amount
1,4-Dioxane	123-91-1	<=20.0 PPM

### US. Toxic Substances Control Act

All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.30

### CEPA – Domestic Substances List (DSL)

All substances contained in this product are listed on the Canadian Domestic Substances List (DSL) or are not required to be listed.

### European Inventory of Existing Commercial Chemical Substances (EINECS)

This product is a polymer according to the definition in Directive 92/32/EEC (7<sup>th</sup> Amendment to Directive 67/548/EEC) and all of its starting materials and intentional additive are listed in the European Inventory of Existing Commercial Chemical Substances (EINECS) or in compliance with European (EU) chemical inventory requirements.

## SECTION 16: OTHER INFORMATION

### Product Literature

Additional information on this product may be obtained by calling your sales or customer service contact.

	Health	Fire	Reactivity	Special	Personal Protection Index
<b>NFPA</b>	1	1	0	0	B
<b>HMIS</b>	1	1	0	0	B

### Identified uses

Multi-purpose surfactant. We recommend that you use this product in a manner consistent with the listed use. If your intended use is not consistent with the stated use, please contact your sales or technical service representative.

### Legend

N/A	Not available
W/W	Weight/Weight
OEL	Occupational Exposure Limit
STEL	Short Term Exposure Limit
TWA	Time Weighted Average
ACGIH	American Conference of Governmental Industrial Hygienists, Inc.
DOW IHG	Dow Industrial Hygiene Guideline
WEEL	Workplace Environmental Exposure Level
HAZ_DES	Hazard Designation
Action Level	A value set by OSHA that is lower than the PEL which will trigger the need for activities such as exposure monitoring and medical surveillance if exceeded.

### 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

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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.