



Safety Data Sheet

DSC Products Inc.

Date Revised: 02/01/2023

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	info@dscprod.com	
	(517) 545-8187	www.dscprod.com	
Trade Name	Encap Hero	Product Type	Encapsulation
Chemical Family	Carpet Detergent Powder	Formula	N/A

SECTION 2: HAZARDOUS IDENTIFICATION

GHS Classification:

This material is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200.

GHS Label Elements

Signal Word:

Warning

GHS Pictograms:

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. Call a POISON CENTER or doctor/physician if you feel distressed.
If eye irritation persists: Get medical advice/attention.

-Skin

IF ON SKIN: If irritation occurs, take off contaminated clothing. Rinse skin with plenty of water.

-Ingestion

IF SWALLOWED: Call a Poison Center or doctor/physical if you feel unwell. Rinse mouth.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Name/Common Name	% (optional)	Cas.No.	OSHA PEL	ACGIH TLV (source)
Sodium Tripolyphosphate		7758-29-4		
Sodium Percarbonate	<10%	15630-89-4		
D-limonene		138-86-3		
Polymer		Trade Secret		

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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

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, fog, CO2	Special Fire Fighting Procedures	None
Unusual Fire and Explosion Hazards	Heat releases CO2		

SECTION 6: ACCIDENTAL RELEASE MEASURES

Steps to be taken if released or spilled	Sweep up and place in suitable container
Waste disposal methods	Dispose to landfill in conformance with local, state & federal regulations.
Personal Precautions	Use personal protective equipment. Keep people away from and upwind of spill/leak. Material can create slippery conditions. Avoid breathing dust.

SECTION 7: HANDLING AND STORAGE

<p>Precautions to be taken in handling and storage: Monomer vapors can be evolved when material is heated during processing operations. An airborne dust of this material can create a dust explosion. To prevent dust explosions, employ bonding and grounding for operations capable of generating static electricity. Avoid breathing dust. Keep container closed. Use only with adequate ventilation. Emptied container retains product residue. Observe all labeled safeguards until container is cleaned, reconditioned or destroyed.</p>
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	Mechanical X	Other
Protective Gloves	Impervious to chemicals	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		



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Sodium Tripolyphosphate

OSHA PEL

15 mg/m³ (total dust) 8- hr TWA

5 mg/m³ (respirable) 8-hr TWA

ACGIH TLV

10 mg/m³ (inhalable) 8-hr TWA

3 mg/m³ (respirable) 8-hr TWA

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point (degrees F)	N/A	Specific Gravity (H₂O=1.0)	N/A	pH	10.5
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	Aqua blue powder, fresh linen fragrance				

SECTION 10: STABILITY AND REACTIVITY

Stability	Stable	Incompatibility	None
Hazardous Decomposition Products	Thermal decomposition may yield acrylic monomers	Hazardous Polymerization	Will not occur

SECTION 11: TOXICOLOGY INFORMATION

Threshold Limit Value – Product (Section 2-TLV)	None Established X	Not Applicable		
Primary Routes of Exposure	Eye	Skin	Oral X	Inhalation X
Signs and Symptoms of Over-exposure (acute)				
Eyes	Causes irritation		Skin	May cause irritation
Inhalation	May cause irritation of the respiratory tract		Ingestion	Gastric disturbances, sensitization reactions, coma
Signs and Symptoms of Over-exposure (chronic)			Respiratory distress	
Medical Conditions aggravated by Over-exposure			None known	
Carcinogen or Suspect Carcinogen Ingredients			NP	ARC OSHA None X
Sodium Percarbonate 15630-89-4				
Oral (LD 50):	2400 mg/kg – Rat		Inhalation (LC 50):	Not Listed on RTECS
Skin Irritation:	Severe		Eye Irritation:	Severe
Sensitation:	Not considered an occupational sensitizer.			

Sodium Tripolyphosphate:

Oral – rat LD₅₀ – 5,400 mg/kg; practically non-toxic

Dermal – rabbit LD₅₀ - >7,940 mg/kg; practically

non-toxic Eye Irritation – rabbit – 3.3/110.0; slightly irritating

Skin Irritation – rabbit – 0.0/8.0 (24-hr exp.); not irritating

Inhalation – LC₅₀> 0.39 mg/L (rat, 4 hr) (maximum attainable concentration)



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SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicological data

Ecotoxicity: This material is not expected to be toxic to aquatic life. The LC50/96-hour values for fish are over 100 mg/l. The EC50/48-hour values for daphnia are over 100 mg/l.

BOD5 and COD: Not available.

Products of Biodegradation: Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are more toxic.

Special Remarks on the Products of Biodegradation: Not available.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal instructions

Dispose in accordance with all applicable regulations. All wastes must be handled in accordance with local, state and federal regulations. Regulations vary.

SECTION 14: TRANSPORTATION INFORMATION

DOT Non-Bulk

NOT REGULATED

DOT Bulk

NOT REGULATED

IMGD

NOT REGULATED

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

NOT REGULATED

ICAO/IATA

NOT REGULATED

Additional Information

SECTION 15: REGULATORY INFORMATION

Federal and State Regulations:

New Jersey: Sodium percarbonate

TSCA 8(b) inventory: Sodium percarbonate

Other Regulations:

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910. 1200).

EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

Other Classifications:

WHMIS (Canada):

CLASS C: Oxidizing material.

CLASS D-2B: Material causing other toxic effects (TOXIC).

DSCL (EEC):

R38 – Irritating to skin.

R41 – Risk of serious damage to eyes.



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SECTION 16: OTHER INFORMATION

Further information

	Health	Fire	Reactivity	Special	Personal Protection Index
NFPA	1	0	0	0	B
HMS	1	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.