



Safety Data Sheet

DSC Products Inc.

SDS#: 3021B

Date Revised: 06/01/2015

SECTION 1: PRODUCT IDENTIFICATION

Manufacturer Name	DSC PRODUCTS INC	24 Hour Emergency Telephone	(231) 739-2068
Address	1979 Latimer Dr.		
	Muskegon, MI 49442-6229	Fax (231)773-0477	
	(231) 777-3012	www.dscprod.com	
Trade Name	R-3	Product Type	Powdered detergent
Chemical Family	Nonionic	Formula	N/A

SECTION 2: HAZARDOUS IDENTIFICATION

GHS Classification:

Health: Not Classified
Physical: Not Classified
Environmental: Not Classified

GHS Phrases:

Warning, H313 – May be harmful in contact with skin
Warning, H320 – Causes eye irritation
Warning, H303 – May be harmful if swallowed

GHS Label Elements:

Signal Word:

Warning

GHS Pictograms:

None

Precautionary Statements:

Prevention:

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

Response:

-Eyes

-IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do.
Continue rinsing.
If eye irritation continues, seek medical advice/attention.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Name/Common Name	% (optional)	Cas.No.	OSHA PEL	ACGIH TLV (source)
Sodium sulfate		7757-82-6		
Sodium Tripolyphosphate		7758-29-4		
Sodium Metasilicate		6834-92-0		
Sodium Metaphosphate		68915-31-1		
Poly Ethoxylated alcohol		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, CO2	Special Fire Fighting Procedures	None
Unusual Fire and Explosion Hazards	None		

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 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		

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point (degrees F)	N/A	Specific Gravity (H2O=1.0)	N/A	pH	11
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)	N/A	Faster	Slower	About the same	
Appearance and Odor	Yellow powder, lemon odor				

SECTION 10: STABILITY AND REACTIVITY

Stability	Stable	Incompatibility	Strong oxidizing agents
Hazardous Decomposition Products	Organic fumes	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	Inhalation X	Other
Signs and Symptoms of Over-exposure (acute)					
Eyes	Causes irritation, corrosive	Skin	May cause irritation		
Inhalation	May cause respiratory irritation	Ingestion	May cause gastro intestinal irritation		
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

Sodium Carbonate 497-19-8
Oral (LD 50): 4090 mg/kg - Rat
Inhalation (LC 50): 2300 mg/m³/2H - Rat
Skin irritation: Mild - Rabbit
Eye irritation: Moderate - Rabbit
Sensitation: Not considered an occupational sensitizer

Sodium Metasilicate 6834-92-0
Oral (LD 50): 1153 mg/kg - Rat
Inhalation (LC 50): Not listed on RTEC
Skin irritation: Severe
Eye irritation: Severe
Sensitation: Not considered an occupational sensitizer

SECTION 12: ECOLOGICAL INFORMATION

Environmental Fate

When released into the soil, this material is expected to leach into groundwater. This material is not expected to significantly bioaccumulate.

Environmental Toxicity

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.

SECTION 13: DISPOSAL CONSIDERATIONS

RCRA Hazard Class

None

Method of Disposal

Dispose of in accordance with all applicable federal, state, and local environmental regulations.

SECTION 14: TRANSPORTATION INFORMATION

DOT (Department of Transportation)

Proper Shipping Name: Chemicals, n.o.s. (non-regulated)

Hazard Class: None

Identification Number: None / No UN Number assigned

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SECTION 15: REGULATORY INFORMATION

TSCA (Toxic Substances Control Act):

In TSCA Inventory? Yes

CERCLA (Comprehensive Environmental Response Compensation, and Liability ACT):

Classified as a Hazardous Substance? No

SARA TITLE III (Superfund Amendments and Reauthorization Act):

311/312 Hazard Categories

None

313 Reportable Ingredients

None

California Proposition 65:

Not listed

SECTION 16: OTHER INFORMATION

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