



# Safety Data Sheet

## DSC Products Inc.

### SDS#: 2060B

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	RELIEF	Product Type	Enzyme detergent
Chemical Family	Enzyme	Formula	N/A

#### SECTION 2: HAZARDOUS IDENTIFICATION

##### GHS Classification:

Health, Acute toxicity, 5 Dermal

##### GHS Phrases:

Warning, H313 – May be harmful in contact with skin

##### GHS Label Elements

##### Signal Word:

Warning

##### GHS Pictograms:

None

##### Precautionary Statements:

-Skin

IF ON SKIN: Wash with soap and water.  
Call a POISON CENTER or doctor/physician if you feel unwell.

#### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Name/Common Name	% (optional)	Cas.No.	OSHA PEL	ACGIH TLV (source)
Sodium tripolyphosphate		7758-29-4		
Sodium carbonate		497-19-8		
Sodium metasilicate		6834-92-0		
Trisodium phosphate		10101-89-0		
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

#### 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		

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#### SECTION 6: ACCIDENTAL RELEASE MEASURES

Steps to be taken if released or spilled	Sweep up and place in a 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 (H <sub>2</sub> O=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. H <sub>2</sub> O)	N/A	Faster	Slower	About the same	
Appearance and Odor	Yellow granular solid, slight lemon odor				

#### SECTION 10: STABILITY AND REACTIVITY

Stability	Stable	Incompatibility	Strong oxidizing agents
Hazardous Decomposition Products	Organic fumes	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 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



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#### Toxicity Data:

Sodium Carbonate 497-19-8

Oral ( LD 50): 4090 mg/kg - Rat

Inhalation ( LC 50): 2300 mg/m<sup>3</sup>/2H - Rat

Skin irritation: Mild - Rabbit

Eye irritation: Moderate - Rabbit

Sensitization: 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

Sensitization: Not considered an occupational sensitizer

Sodium Phosphate Tribasic 7601-54-9

Oral ( LD 50): No information on RTECS

Inhalation ( LC 50): No information on RTECS

Skin irritation: Moderate

Eye irritation: Severe - Rabbit

Sensitization: Not considered an occupational sensitizer

#### **SECTION 12: ECOLOGICAL INFORMATION**

##### **Toxicity**

**Not expected to generate significant affects at recommended uses.**

##### **Mobility in soil**

Mobility in soil: No relevant data found.

#### **SECTION 13: DISPOSAL CONSIDERATIONS**

Dispose of in accordance with all Local, State and Federal regulations.

#### **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



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#### SECTION 15: REGULATORY INFORMATION

According to our information this product is not dangerous material.

#### SECTION 16: OTHER INFORMATION

##### Product Literature

Additional information on this product may be obtained by calling your sales or customer service contact. Ask for a product brochure. Additional information on this and other products may be obtained by visiting our web page.

	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.