



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	Citra Heat	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 Carbonate		497-19-8		
Sodium Tripolyphosphate		7758-29-4		
Sodium Metasilicate		6834-92-0		
Poly ethoxylated alcohol		Not assigned		
D'Limonene		95327-98-3		

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, foam, dry chemical 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	11.5
Vapor Pressure (mm Hg)	N/A	Vapor Density (Air = 1)	N/A	Melting Point (degrees F)	N/A
Solubility in Water	X Complete	Invisible	Emulsible (or dispersible)	Slight (or partial)	
Evaporation Rate (vs. H2O)	N/A	Faster	Slower	About the same	
Appearance and Odor	White granular 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	Other
Signs and Symptoms of Over-exposure (acute)						
Eyes	Causes irritation, corrosive.		Skin	May cause irritation.		
Inhalation	May cause irritation of the respiratory tract		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

D-Limonene 5989-27-5
 Oral (LD 50): 4400 mg/kg – Rat
 Inhalation (LC 50): Not Listed on RTECS
 Skin Irritation: Mild
 Eye Irritation: Severe
 Sensitation: Not considered an occupational sensitizer

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to microorganisms	Toxicity to daphnia and other aquatic invertebrates
Sodium carbonate	242 mg/L EC50 120 h (Nitzschia)	LC50 300 mg/L Lepomis macrochirus 96 h LC50 310 – 122-mg/L Pimephales promelas 96 h		EC50 265 mg/L 48 h

Persistence and degradability

Biodegradability does not pertain to inorganic substances.



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Bioaccumulation

Does not bioaccumulate.

Mobility

Dissociates into ions.

Other adverse effects

None known

SECTION 13: DISPOSAL CONSIDERATIONS

Waste disposal methods

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Contaminated packaging

Where possible recycling is preferred to disposal or incineration. Clean container with water. Dispose of rinse water in accordance with local and national guidelines.

SECTION 14: TRANSPORTATION INFORMATION

DOT

Not regulated

TDG

Not regulated

ICAO/IATA

Not regulated

IMDG/IMO

Not regulated

SECTION 15: REGULATORY INFORMATION

International Inventories

TSCA Inventory (United States of America)	Complies
DSL (Canada)	Complies
NDSL (Canada)	Complies
EINECS/ELINCS (Europe)	Complies
ENCS (Japan)	Complies
IECSC (China)	Complies
KECL (Korea)	Complies
PICCS (Philippines)	Complies
AICS (Australia)	Complies
NZIoC (New Zealand)	Complies



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U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/31 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

International Regulations

Mexico – Grade No information available

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class

D2B Toxic materials
E Corrosive material

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.