

MATERIAL SAFETY DATA SHEET

OSHA - Meets 29 CFR 1910.1200 Standards

HMIS HAZARD RATINGS

Gator

CHEMICAL CO.

HEALTH	1	0 = INSIGNIFICANT	3 = HIGH
FLAMMABILITY	0	1 = SLIGHT	4 = EXTREME
REACTIVITY	0	2 = MODERATE	

TRANSPORTATION INFORMATION

PROPER SHIPPING NAME:	Not Regulated		
HAZARD CLASS / PKG GRP:	Not regulated	REF:	Not Applicable
IDENTIFICATION NUMBER:	None	LABEL:	None Required

SECTION 1 - PRODUCT / COMPANY IDENTIFICATION

IDENTITY (AS USED ON LABEL AND LIST)

DCS - 100N

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MANUFACTURER'S NAME

Gator Chemical

EMERGENCY TELEPHONE NUMBER

CHEM • TEL (800) 255-3924 Outside USA (813) 248-0585

ADDRESS (NUMBER, STREET, P.O. BOX)

P.O. Box 1990

TELEPHONE NUMBER FOR INFORMATION

(727) 584-5174

(CITY, STATE AND ZIP CODE)

Largo, FL 33779

DATE PREPARED: February 7, 2004

SUPERSEDES: New

SECTION 2 - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY; COMMON NAME(S))	CAS #	% (OPTIONAL)	OSHA PEL		ACGIH TWA		SARA	RQ
			PPM	MG/M3	PPM	MG/M3	TITLE III	LBS
Tetrasodium ethylenediaminetetraacetate hydrate	64-02-8	1 - 5	not established					
n-Alkyl dimethyl benzyl ammonium chloride	68424-95-3	6.51	not established					
Alkyl (C12-C16) dimethyl benzyl ammonium chloride	68424-85-1	4.34	not established					
Ethanol	64-17-5	1 - 5	1000	1900	1000			

SECTION 3 - HEALTH HAZARD DATA

ROUTES OF ENTRY - SIGNS AND SYMPTOMS OF EXPOSURE

INHALATION: Exposure to vapors not likely. High concentrations may be irritating to the respiratory tract; may cause headache, dizziness, nausea, vomiting and malaise.

EMERGENCY AND FIRST AID PROCEDURES

Remove affected person to fresh air; provide oxygen if breathing is difficult; if affected person is not breathing, administer CPR and seek emergency medical attention.

SKIN: Brief contact may cause slight irritation; prolonged contact may cause moderate irritation.

Remove contaminated clothing; wash affected area with soap and water; launder contaminated clothing before reuse; if irritation persists, seek medical attention.

EYES: Contact may cause slight temporary irritation. Corneal injury is unlikely.

Remove contact lenses. Flush eyes with clear running water for 15 minutes while holding eyelids open; if irritation persists, seek medical attention.

INGESTION: Small amounts ingested are not likely to cause injury. Ingestion of large amounts may cause headache, dizziness, diarrhea and general weakness.

Do not induce vomiting unless directed to do so by medical personnel; never give anything by mouth to an unconscious person; seek medical attention.

CARCINOGENICITY

NTP?

No

IARC MONOGRAPHS?

No

OSHA REGULATED?

No

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Preexisting skin, eye, or respiratory disorders may become aggravated through prolonged exposure.

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DCS - 100N

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SECTION 4 - FIRE FIGHTING MEASURES

FLASH POINT (METHOD USED)
Non-flammable

NFPA RATING
None

FLAMMABLE LIMITS
LEL: Not applicable UEL: Not applicable

EXTINGUISHING MEDIA
Carbon dioxide, water, water fog, dry chemical, chemical foam.

SPECIAL FIRE FIGHTING PROCEDURES
Keep containers cool with water spray to prevent container rupture due to steam buildup; floor will become slippery if material is released.

UNUSUAL FIRE AND EXPLOSION HAZARDS
None

SECTION 5 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Small spills - wash to sanitary sewer with plenty of water. Large spills - confine spill, soak up with approved absorbent, shovel product into approved container for disposal. Wash area with plenty of water. Do not discharge into lakes, ponds, streams or public waters.

SECTION 6 - HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Keep container closed when not in use; protect containers from abuse; protect from extreme temperatures. Keep this and other chemicals out of reach of children.

SECTION 7 - EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY PROTECTION (SPECIFY TYPE): None required while threshold limits are kept below maximum allowable concentrations; if TWA exceeds limits, NIOSH approved respirator must be worn. Refer to 29 CFR 1910.134 or European Standard EN 149 for complete regulations.

VENTILATION LOCAL EXHAUST: Recommended
MECHANICAL (GENERAL): Not required

SPECIAL: To maintain minimum TWA and STEL levels.
OTHER: Engineering and work controls as required.

PROTECTIVE GLOVES: Neoprene gloves, butyl or nitrile rubber gloves with cuffs
EYE PROTECTION: Protective eyeglasses or chemical safety goggles.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Coveralls, apron, or other equipment should be worn to minimize skin contact, safety eyewash station nearby.

WORK / HYGIENIC PRACTICES: Practice safe workplace habits. Minimize body contact with this, as well as all chemicals in general.

SECTION 8 - PHYSICAL / CHEMICAL PROPERTIES

BOILING POINT
212° F

SPECIFIC GRAVITY (WATER = 1)
1.010

VAPOR PRESSURE (MM Hg)
17 mm Hg @ 20 ° C

pH
7.5 - 8.0

VAPOR DENSITY (AIR = 1)
> 1

EVAPORATION RATE (WATER = 1)
> 1

SOLUBILITY IN WATER
Complete

% VOLATILE (BY WEIGHT)
81.7%

APPEARANCE AND ODOR
Green liquid, fresh odor

SECTION 9 - STABILITY AND REACTIVITY

STABILITY UNSTABLE:
STABLE: XXX

CONDITIONS TO AVOID: Extreme temperatures.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers, strong acids.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Decomposition will not occur if handled and stored properly. In case of a fire, oxides of carbon, hydrocarbons, fumes, and smoke may be produced.

HAZARDOUS POLYMERIZATION MAY OCCUR:
WILL NOT OCCUR: XXX

CONDITIONS TO AVOID: None

SECTION 10 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of in accordance with Local, State, and Federal Regulations; do not discharge into lakes, ponds, streams or public waters. Product is classified as non - hazardous, however, non-hazardous materials may become hazardous waste upon contact with other products. Refer to "40 CFR Protection of Environment Parts 260 - 299" for complete waste disposal regulations. Consult your local, state, or Federal Environmental Protection Agency before disposing of any chemicals.

The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.