

SAFETY DATA SHEET



CS-141

DATE PRINTED	7/1/2015
SDS REF. No :	CR-2500

1. PRODUCT AND COMPANY IDENTIFICATION

Trade Name: CS-141

Product Identification: CR-2500

General Info Phone: (972) 247-7111

Emergency Phone: (800) 535-5053

Supplier:
ARROW/MAGNOLIA
P.O. BOX 59089
DALLAS, TX 75229

2 . HAZARDS IDENTIFICATION

CLASSIFICATION:

Skin Corrosion/Irritation-Category 1

Serious Eye damage/Eye irritation-Category 1



SIGNAL WORD: Danger

HAZARD STATEMENTS:

Keep out of reach of children.

Read label and SDS before use.

May be fatal if swallowed and enters airways.

May cause dizziness.

Causes skin irritation.

Causes eye irritation.

PRECAUTIONARY STATEMENTS:

PREVENTION

If swallowed, enters airways or eyes: Contact a physician.

3. COMPOSITION

Chemical Name

CAS

Hydrogen Chloride

7647-01-0

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4. FIRST AID MEASURES

EMERGENCY OVERVIEW

EYES: Avoid contact with eyes. May cause eye irritation. If contact with eyes occurs flush with water for 15 minutes and call a physician.

SKIN: May cause skin irritation. Call physician.

INHALATION: Inhalation: Possible dizziness, breathing difficulty, headaches & loss of coordination.

INGESTION: Ingestion: Can cause gastrointestinal irritation, vomiting, nausea, diarrhea, and in severe cases, collapse, unconsciousness and possibly death.

5. FIREFIGHTING MEASURES

Suitable fire extinguishing media: Water fog, Foam, Dry chemical powder, Carbon dioxide (CO₂).

Unsuitable: No data available for this product.

Special protective equipment for fire fighters:

Respiratory equipment should be worn to avoid inhalation of concentrated vapors. No other special precautions or procedures are required.

6. ACCIDENTAL RELEASE MEASURES

Small Spills: For small spills, flush with water to drain. For large spills, provide good ventilation, dike spill area and add absorbent to liquid. Place in suitable container and dispose of in accordance with local, state and federal regulations.

Large Spills: For large spills, provide good ventilation, dike spill area and add absorbent to liquid. Place in suitable container and dispose of in accordance with local, state and federal regulations.

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING: Inhalation-Dizziness, breathing difficulty, headaches, & loss of coordination. Eye contact-Severe irritation, tearing, redness, and blurred vision. Skin contact-Can dry and defat skin causing cracks, irritation, and dermatitis. Ingestion-Can cause gastrointestinal irritation, vomiting, nausea, & diarrhea.

CONDITIONS FOR SAFE STORAGE, INCLUDING INCOMPATIBILITIES: Use under normal atmospheric conditions in well-ventilated areas. Keep containers closed when not in use. Keep away from children.

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8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Exposure Limits: Not determined.

Eye Protection: Use chemical safety glasses, goggles, or face shields for eye protection.

Skin Protection: Impermeable chemical handling gloves for skin protection.

Respiratory Protection: When spraying this material at pressures greater than 135 psi use a NIOSH approved cartridge respirator or gas mask suitable to keep airborne mists and vapor concentrations below the time weighted threshold limit values. When using in poorly ventilated and confined spaces, use a fresh-air supplying respirator or a self-contained breathing apparatus.

9. PHYSICAL AND CHEMICAL PROPERTIES

<u>Property</u>	<u>Value</u>		
Appearance	CLEAR LIQUID	Auto Ignition Temp	NOT AVAILABLE
Boiling Point	NOT AVAILABLE	Color	CLEAR RED
Decomposition Temperature	NOT AVAILABLE	Evaporation Rate	NOT AVAILABLE
Explosive Limit Ranges	NOT AVAILABLE	Explosive Properties	NOT AVAILABLE
Flash Point	NONE	Melting/Freezing Point	NOT AVAILABLE
Odor	ACIDIC	Odor Threshold	NOT AVAILABLE
Other Information	VOC content(wt. %):74	Oxidizing Properties	NOT AVAILABLE
Partition Coeff	NOT AVAILABLE	Physical State	LIQUID
Relative Density	1.1560	Solubility (Water)	YES
Vapor Density	NOT AVAILABLE	Vapor Pressure	NOT APPLICABLE
Viscosity	NOT AVAILABLE	pH	0.1

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10. STABILITY AND REACTIVITY

CHEMICAL STABILITY (CONDITIONS TO AVOID): Stable.

MATERIALS TO AVOID: Incompatible or can react with acid and strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide, oxides of nitrogen, chlorine gas and possibly acrolein.

11. TOXOLOGY INFORMATION

POTENTIAL HEALTH EFFECTS

EYES: May cause eye irritation.

SKIN: May cause skin irritation.

INGESTION: May be harmful if swallowed.

INHALATION: May cause respiratory irritation.

CHRONIC & CARCINOGENICITY: IARC, NTP, OSHA do not list this product or its ingredients as carcinogens.

MUTAGENICITY: No data.

REPRODUCTIVE TOXITY REPRODUCTIVE EFFECTS: No data.

TERATOGENIC EFFECTS: No data.

GENERAL COMMENTS: None identified.

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12. ECOLOGICAL INFORMATION

Ecotoxicology: The surfactants used in this preparation complies with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authority's of the member states and will be available to them at their direct request or at the request of a detergent manufacturer.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Consult local, state & federal hazardous waste regulating before disposing into approved hazardous waste landfills. Obey relevant laws.

14. TRANSPORT INFORMATION

(Not meant to be all inclusive)

TRANSPORTATION: UN1760, CORROSIVE LIQUIDS NOS, (CONTAINS HYDROCHLORIC ACID), 8, PGII

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15. REGULATORY INFORMATION

(Not meant to be all inclusive - selected regulations represented)

U.S. FEDERAL REGULATIONS: There is no calculable reportable quantity (RQ) for this product.

OSHA: MSDS is prepared pursuant to the Communication Standard (CRF29 1900.1200) and Canadian WHMIS regulations (Control Products Regulations under the Hazardous Product Act).

CERCLA: Section 302 extremely hazardous substance None
1 Section 311 hazardous chemical none

16. OTHER INFORMATION

HMIS Ratings :

HEALTH	3
FLAMMABILITY	0
REACTIVITY	2
PERSONAL PROTECTION	X

Disclaimer: This manufacturer believes that the information contained in the Safety Data Sheets is accurate. The suggested procedures are based on experience as of the date of the publication. They are not necessarily all inclusive nor fully adequate in every circumstance. Also the suggestions should not be confused with, nor followed in violation of applicable law, regulations, rules or insurance requirements.

Preparation Revision Date: 5/30/15