

SAFETY DATA SHEET



Date Prepared : 06/04/2015
SDS No : 1J.90

Ice Crusher

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Ice Crusher
GENERAL USE: Floor Stripper
PRODUCT CODE: 1J.90

MANUFACTURER

Centraz Industries Inc.
4051 BINGHAM AVE
ST. LOUIS, MO 63116
Customer Service: 314-752-7627

24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC (US Transportation & Medical) : (800) 424-9300

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Acute Toxicity (Oral), Category 4
Acute Toxicity (Dermal), Category 3
Eye Corrosion, Category 1
Skin Corrosion, Category 1

GHS LABEL



Corrosion



Exclamation
mark

SIGNAL WORD: DANGER

HAZARD STATEMENTS

H314: Causes severe skin burns and eye damage.
H290: May be corrosive to metals.
H305: May be harmful if swallowed and enters airways.
H317: May cause an allergic skin reaction.
H402: Harmful to aquatic life.

PRECAUTIONARY STATEMENTS

Prevention:

P234: Keep only in original packaging.
P262: Do not get in eyes, on skin, or on clothing.
P270: Do not eat, drink or smoke when using this product.
P281: Use personal protective equipment as required.
P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor
P302+P352: IF ON SKIN: Wash with plenty of water/...
P304+P341: IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P306+P360: IF ON CLOTHING: Rinse immediately contaminated clothing and skin with plenty of water before removing

clothes.

P362: Take off contaminated clothing.

POTENTIAL HEALTH EFFECTS

EYES: May cause permanent eye damage.

SKIN: May cause irritation, tearing and redness.

INGESTION: Aspiration hazard: Harmful or fatal if swallowed.

INHALATION: Can cause irritation and inflammation of the respiratory tract.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt. %	CAS
Potassium Hydroxide	9 - 12	1310-58-3
2- Butoxyethanol	9 - 12	111-76-2
Sodium Xylenesulfonate	3 - 5	1300-72-7
Ethanol, 2-amino-	< 4 - 6	141-43-5
Nonylphenol (branched), Ethoxylated	2 - 4	127087-87-0

4. FIRST AID MEASURES

EYES: Immediately flush eyes with large amounts of water for at least 15 minutes, if contact lenses are present remove after 5 minutes and continue flushing, lifting eyelids occasionally to facilitate irrigation. Get immediate medical attention.

SKIN: Flush skin with water until all chemical is removed. Remove contaminated clothing and wash before reuse. Get medical attention if needed.

INGESTION: Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

INHALATION: Move to fresh air. Call a physician or poison control center immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

NOTES TO PHYSICIAN: Due to the high pH, the risk of esophageal irritation and possible aspiration pneumonitis from emesis must be weighed against the risk of moderate systemic toxicity in cases of ingestions.

5. FIRE FIGHTING MEASURES

FIRE FIGHTING PROCEDURES: Use any standard agent-choose the one most appropriate for type of surrounding fire.

6. ACCIDENTAL RELEASE MEASURES

GENERAL PROCEDURES: Dike and contain. Do not discharge into drains. Mop up or pick up with wet dry vacuum. Watch out for slippery conditions when spilled.

SPECIAL PROTECTIVE EQUIPMENT: Wear protective clothing.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: KEEP OUT OF REACH OF CHILDREN

HANDLING: Wear protective clothing. Wash thoroughly after handling. Wash clothing before reuse and decontaminate or discard contaminated shoes.

STORAGE: Store away from strong acids. Store in dry, well ventilated area.

STORAGE TEMPERATURE: Keep from freezing.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)							
		EXPOSURE LIMITS					
		OSHA PEL		ACGIH TLV		Supplier OEL	
Chemical Name		ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³
2- Butoxyethanol	TWA	50	240	20	97	NL	NL
	STEL					NL	NL
Ethanol, 2-amino-	TWA	3	6	3	7.5	NL	NL
	STEL			6	15	NL	NL

ENGINEERING CONTROLS: All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94)

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety glasses.

SKIN: Acid Resistant Gloves

PROTECTIVE CLOTHING: Apron, boots

9. PHYSICAL AND CHEMICAL PROPERTIES

ODOR: Butyl

APPEARANCE: Clear

COLOR: Yellow

PHYSICAL STATE COMMENTS: Liquid

pH: 13

PERCENT VOLATILE: Greater than 60% part of volatile is water.

FLASH POINT AND METHOD: No information Available

FLAMMABLE LIMITS: No information Available

AUTOIGNITION TEMPERATURE: No information Available

VAPOR PRESSURE: No information Available

VAPOR DENSITY: < 1

BOILING POINT: (212 °F)

FREEZING POINT: No information Available

MELTING POINT: No information Available

POUR POINT: No information Available

THERMAL DECOMPOSITION: No information Available

SOLUBILITY IN WATER: Complete

EVAPORATION RATE: No information Available

DENSITY: 8.89 lbs/gallons

SPECIFIC GRAVITY: 1.07

VISCOSITY: No information Available

MOLECULAR WEIGHT: No information Available

(VOC): No information Available

OXIDIZING PROPERTIES: No information Available

10. STABILITY AND REACTIVITY

HAZARDOUS POLYMERIZATION: No

STABILITY: Stable Under Normal conditions.

CONDITIONS TO AVOID: Keep Containers Closed

INCOMPATIBLE MATERIALS: Strong acids, strong oxidizing agents.

11. TOXICOLOGICAL INFORMATION

12. ECOLOGICAL INFORMATION

COMMENTS: THIS PRODUCT HAS NOT BEEN TESTED.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with federal, state, and local regulations. Contaminated Packaging.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: CORROSIVE LIQUID, basic, inorganic, N.O.S. (Contains Sodium Hydroxide)

PRIMARY HAZARD CLASS/DIVISION: 8

UN/NA NUMBER: 3266

PACKING GROUP: II

NAERG: 154

BULK FREIGHT CLASS: 85

NOTE: When packaged in 4 x1 gallon cartons this product ships as Ltd Qty DOT E 173.154

15. REGULATORY INFORMATION

UNITED STATES

DOT LABEL SYMBOL AND HAZARD CLASSIFICATION



Corrosive

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

Chemical Name	Wt.%	CERCLA RQ
Potassium Hydroxide	9 - 12	1,000

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
Potassium Hydroxide	1310-58-3
2- Butoxyethanol	111-76-2
Sodium Xylenesulfonate	1300-72-7
Ethanol, 2-amino-	141-43-5
Nonylphenol (branched), Ethoxylated	127087-87-0

16. OTHER INFORMATION

Date Prepared: 06/04/2015

MANUFACTURER DISCLAIMER: The information presented herein is believed to be accurate but is not warranted. Recipients are advised to confirm in advance that the information is current, applicable and suitable to their circumstances.

