SAFETY DATA SHEET

Date Prepared : 06/15/2015
SDS No : 1F.52

Dyna Shine

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Dyna Shine
GENERAL USE: Food Service Cleaner
PRODUCT CODE: 1F.52
CHEMICAL FAMILY: Alkali

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
Eye Corrosion, Category 1
Skin Corrosion, Category 1

GHS LABEL


Corrosion


Exclamation mark

SIGNAL WORD: DANGER

HAZARD STATEMENTS

H290: May be corrosive to metals.
H302: Harmful if swallowed.
H314: Causes severe skin burns and eye damage.
H333: May be harmful if inhaled.

PRECAUTIONARY STATEMENTS

Prevention:

P202: Do not handle until all safety precautions have been read and understood.
P262: Do not get in eyes, on skin, or on clothing.
P270: Do not eat, drink or smoke when using this product.
P381: In case of leakage, eliminate all ignition sources.
P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor
P302+P350: IF ON SKIN: Gently wash with plenty of soap and water.
P304+P340: IF INHALED: Remove person to fresh air and keep 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.
P314: Get medical advice/attention if you feel unwell.

P330: Rinse mouth.
P331: Do NOT induce vomiting.
P337+P313: If eye irritation persists: Get medical advice/attention.
P362: Take off contaminated clothing.

POTENTIAL HEALTH EFFECTS

EYES: May cause permanent eye damage.

SKIN: May cause irritation, tearing and redness.

INGESTION: May be harmful if swallowed.

INHALATION: Irritation of mucous membrane. May cause dizziness and headaches.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
2- Butoxyethanol	10 - 15	111-76-2
Sodium Hydroxide	5 - 8	1310-73-2
Poly(oxy-1,2-ethanediyl), .alpha.sulfo-.omega.-hydroxy-, C10-16-alkyl Ethers, Sodium Salts	4 - 8	68585-34-2
Sodium C14-c16 Olefin Sulfonate	1 - 3	68439-57-6

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 occassionally 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: Give oxygen or artificial respiration if needed and obtain medical attention.

NOTES TO PHYSICIAN: Moderately corrosive agent which may burn any exposed tissue upon other than very brief contact. Eyes, skin and mucous membranes should be flushed thoroughly with water, and ophthalmologic consultation should be obtained for any corneal burns. In case of ingestion, immediate dilution with water, milk or demulcents is worthwhile, but attempts to neutralize with a base should be avoided because of excessive gas and heat formation, which may increase the threat of esphagogastric perforation. Vomiting and diarrhea (laxative effect of phosphates) are expected with large doses. Parental fluid administration may be needed if losses there from are severe, or shock ensues. Supportive care may be needed for such other complications as glottal edema, hematemesis and perforation (unlikely). Induced vomiting should be avoided because local tissue injury may be aggravated, but the patient should be watched for hyperphosphatemia and hypocalcemia. Milk or other demulcents may be worthwhile for gastric irritation.

5. FIRE FIGHTING MEASURES

FIRE FIGHTING PROCEDURES: Dry powder, foam, carbon dioxide.

FIRE FIGHTING EQUIPMENT: Wear self contained breathing apparatus and other protective clothing.

6. ACCIDENTAL RELEASE MEASURES

GENERAL PROCEDURES: Dike and contain. Mop up or pick up with wet dry vacuum. Watch out for slippery conditions when spilled.

SPECIAL PROTECTIVE EQUIPMENT: Wear protective clothing. Wear self contained breathing apparatus.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: KEEP OUT OF REACH OF CHILDREN

HANDLING: Avoid contact with eyes, skin, or clothing. Consider normal working hygiene.

STORAGE: Do not store in food areas.

STORAGE TEMPERATURE: Store in cool/dry area.

COMMENTS: 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/m³	ppm	mg/m³	ppm	mg/m³
2- Butoxyethanol	TWA	50	240	20	97	NL	NL
	STEL					NL	NL
Sodium Hydroxide	TWA		2			NL	NL
	STEL					NL	NL
Sodium C14-c16 Olefin Sulfonate	TWA					NL	NL
	STEL					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: Ether

APPEARANCE: Clear

COLOR: Yellow

PHYSICAL STATE COMMENTS: Liquid

pH: 13

PERCENT VOLATILE: 50

FLASH POINT AND METHOD: No information Available

FLAMMABLE LIMITS: No information Available

AUTOIGNITION TEMPERATURE: No information Available

VAPOR PRESSURE: No information Available

VAPOR DENSITY: No information Available

BOILING POINT: No information Available

FREEZING POINT: No information Available

MELTING POINT: No information Available

POUR POINT: No information Available

SOLUBILITY IN WATER: Complete

EVAPORATION RATE: No information Available

DENSITY: 8.74

SPECIFIC GRAVITY: 1.046

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: Other Alkalis, Aluminum.

INCOMPATIBLE MATERIALS: Alkalis, reacts with metals.

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): When packaged in 4 x1 gallon cartons this product is considered an ORM-D, consumer commodity.

15. REGULATORY INFORMATION

UNITED STATES

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

Chemical Name	Wt.%	CERCLA RQ
Sodium Hydroxide	5 - 8	1,000

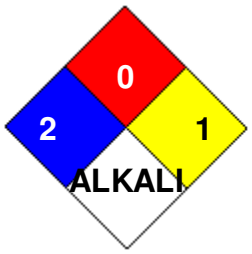
TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
2- Butoxyethanol	111-76-2
Sodium Hydroxide	1310-73-2
Poly(oxy-1,2-ethanediyl), .alpha.sulfo-.omega.-hydroxy-, C10-16-alkyl Ethers, Sodium Salts	68585-34-2
Sodium C14-c16 Olefin Sulfonate	68439-57-6

16. OTHER INFORMATION

Date Prepared: 06/15/2015

NFPA CODES



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.