

# SAFETY DATA SHEET



Date Prepared : 06/08/2015  
SDS No : 1F.53

## Dynabrite

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Dynabrite  
**GENERAL USE:** Food Service Cleaner  
**PRODUCT CODE:** 1F.53  
**PRODUCT FORMULATION NAME:** Proprietary

#### 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:

Eye Irritation, Category 2B  
Skin Irritation, Category 2

#### GHS LABEL



Exclamation  
mark

**SIGNAL WORD:** WARNING

#### HAZARD STATEMENTS

H320: Causes eye irritation.  
H315: Causes skin irritation.

#### PRECAUTIONARY STATEMENTS

##### Prevention:

P262: Do not get in eyes, on skin, or on clothing.  
P270: Do not eat, drink or smoke when using this product.  
P302+P352: IF ON SKIN: Wash with plenty of water/...  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

#### POTENTIAL HEALTH EFFECTS

**EYES:** Contact may cause eye irritation.

**SKIN:** May cause irritation.

**INGESTION:** May cause irritation of the throat, stomach and gastrointestinal tract.

**INHALATION:** Minimal respiratory tract irritation may occur with exposure to a large amount of material.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Silicic Acid (h2sio3), Disodium Salt	4 - 6	6834-92-0
Alkyl Dimethylbenzylammonium Chloride	2 - 4	68424-85-1
N-alkyl (c12-18)-n,n,-dimethyl-n-benzylammonium Chloride	2 - 4	68391-01-5
Linear Primary Alcohol Ethoxylate	1 - 3	68439-46-3

#### 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. If irritation persists get medical attention.

**SKIN:** Promptly flush skin with water until all chemical is removed.

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

**INHALATION:** Not a direct hazard

**NOTES TO PHYSICIAN:** Probable mucosal damage might contraindicate the use of gastric lavage. Measures against circulatory depression and convulsion may be needed.

#### 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:** Avoid contact with eyes. Dike and contain. Evacuate area. Keep away from drains and ground water. Wear protective clothing. Mop up or pick up with wet dry vacuum into bage or other sealed container and dispose of in accordance with local, state, and federal requirements. Watch out for slippery conditions when spilled.

#### 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** KEEP OUT OF REACH OF CHILDREN

**HANDLING:** Avoid breathing vapors or mist. Avoid contact with eyes, skin, or clothing. Consider normal working hygiene.

**STORAGE:** Do not store in food areas.

**STORAGE TEMPERATURE:** Store at room temperature.

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Use local exhaust at filling zones and where leakage is probable.

##### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Safety glasses.

**SKIN:** Acid Resistant Gloves

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

**ODOR:** Slight

**COLOR:** Amber

**PHYSICAL STATE COMMENTS:** Liquid

**pH:** 11.5

**Notes:** 1% Solution pH 10 +/- 0.5

**PERCENT VOLATILE:** 70

**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:** (212 °F)  
**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:** 8.76  
**SPECIFIC GRAVITY:** 1.05  
**VISCOSITY:** Water thin  
**MOLECULAR WEIGHT:** No information Available  
**(VOC):** < 2.000  
**OXIDIZING PROPERTIES:** No information Available

## 10. STABILITY AND REACTIVITY

**HAZARDOUS POLYMERIZATION:** No  
**STABILITY:** Stable Under Normal conditions.  
**CONDITIONS TO AVOID:** Avoid strong oxidizing agents and oxidation promoting conditions. Keep Away from Heat. Keep Containers Closed. Keep away from sparks or open flames.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide and unidentified organic compounds may be released during combustion.  
**INCOMPATIBLE MATERIALS:** Bleach, strong oxidizing agents, Strong acids.

## 11. TOXICOLOGICAL INFORMATION

### ACUTE

Chemical Name	ORAL LD <sub>50</sub>	DERMAL LD <sub>50</sub>
Alkyl Dimethylbenzylammonium Chloride	344 mg/kg	3340 mg/kg
Linear Primary Alcohol Ethoxylate	1400 to 2700	> 4000

**COMMENTS:** THIS PRODUCT HAS NOT BEEN TESTED FOR TOXICITY

## 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.

## 14. TRANSPORT INFORMATION

### DOT (DEPARTMENT OF TRANSPORTATION)

**SPECIAL SHIPPING NOTES:** DOT CLASS: NOT REGULATED # NON-HAZARDOUS FOR AIR, SEA AND ROAD FREIGHT.

## 15. REGULATORY INFORMATION

### UNITED STATES

**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

Chemical Name	CAS
Silicic Acid (h <sub>2</sub> si <sub>3</sub> ), Disodium Salt	6834-92-0
Alkyl Dimethylbenzylammonium Chloride	68424-85-1
N-alkyl (c12-18)-n,n,-dimethyl-n-benzylammonium Chloride	68391-01-5
Linear Primary Alcohol Ethoxylate	68439-46-3

**16. OTHER INFORMATION**

**Date Prepared:** 06/08/2015

**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.