

# MSDS Material Safety Data Sheet

DYNA SHINE

MSDS Number: 1F52

Revision Date: 5/27/09

Page 1 of 4

## 1 PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** DYNA SHINE  
**Revision Date:** 5/27/09  
**Version:** 1  
**MSDS Number:** 1F52  
**Product Code:** 1F52  
**Chemical Family:** Alkali  
**Chemical Formula:** \*\*\* PROPRIETARY \*\*\*  
**Product Use:** Food Service Cleaner

### Manufacturer

Centraz Industries, Inc.  
4051 Bingham Ave  
Saint Louis, MO. 63116

For Help in CHEMICAL EMERGENCIES involving  
spills, leak, fire, or exposure call  
CHEMTREC at 1-800-424-9300 24 hours a day.

Phone: 314-752-7627  
Fax: 314-752-7293

## 2 HAZARDS IDENTIFICATION

**Route of Entry:** Eyes; Ingestion; Inhalation; Skin;  
**Target Organs:** Eyes; Esophagus; Kidneys; Liver; Skin; Stomach; Throat; Upper respiratory tract;  
**Inhalation:** Can cause irritation and inflammation of the respiratory tract.  
May cause dizziness and headaches  
**Skin Contact:** May cause irritation, tearing and redness.  
**Eye Contact:** May cause permanent eye damage.  
**Ingestion:** May be fatal. May cause nausea and vomiting  
NFPA-ratings (scale 0-4): Health = 2, Fire = 0, Reactivity = 1

## 3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Perc.	Chemical Name
111762	1-10%	2-Butoxy-1-ethanol
1310732	1-10%	Sodium hydroxide

## 4 FIRST AID MEASURES

**Inhalation:** If symptoms develop, move victim to fresh air. obtain medical attention. Give oxygen or artificial respiration if needed.  
**Skin Contact:** Promptly flush skin with water until all chemical is removed. Remove contaminated clothing and wash before reuse. Get medical attention if needed.  
**Eye Contact:** Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids occasionally to facilitate irrigation.  
Get immediate medical attention.  
**Ingestion:** Do not induce vomiting. Drink large quantities of water. Seek immediate medical attention

# MSDS Material Safety Data Sheet

DYNA SHINE

MSDS Number: 1F52

Revision Date: 5/27/09

Page 2 of 4

## 5 FIRE FIGHTING MEASURES

**Flash Point:** N/A

Dry powder, foam, carbon dioxide. Wear self contained breathing apparatus and other protective clothing.

## 6 ACCIDENTAL RELEASE MEASURES

Wear protective clothing. Dike and contain. Wear self contained breathing apparatus, rubber boots and heavy rubber gloves.

### Waste Disposal Method

Dispose of in accordance with local, state and federal regulations.

## 7 HANDLING AND STORAGE

**Handling Precautions:** Avoid contact with eyes, skin, or clothing. Keep material out of reach of children. Wear protective clothing. Wash thoroughly after handling.

**Storage Requirements:** Do not store in food areas. KEEP OUT OF REACH OF CHILDREN Keep from Freezing Store in a dry, well ventilated area.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94).

**Protective Equipment:** Apron; Boots; Chemical goggles;

**Exposure Guidelines/Other:**

### Exposure Limits:

USA OSHA (TWA<sub>8</sub>)/PEL): 50 ppm "SKIN"

ACGIH (TWA/TLV): 25 PPM "SKIN"

DFG (MAK):

**Respiratory Protection:** For exposure above PEL/TV, use any supplied air respirator in a continuous flow mode

**Ventilation:** Local exhaust/ ventilation to minimize exposure

**Protective Gloves:** Rubber gloves

**Eye Protection:** Splash goggles

**Other Protective Equipment:** Rubber apron/boots if splashing is likely

## 9 PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Clear Yellow

**Physical State:** Liquid

**Odor:** Ether

**pH:** 13

**Vapor Pressure:** N/A

**Vapor Density:** N/A

**Boiling Point:** N/A

**Freezing/Melting Pt.:**

**Solubility:** Complete

**Spec Grav./Density:** 1.046 +/- .005

**VOC:** N/A

**Evap. Rate:** N/A

**Bulk Density:** 8.73 To 8.79 #/Gallon

**Viscosity:** N/A

**Percent Volatile:** Over 50%

# MSDS Material Safety Data Sheet

DYNA SHINE

MSDS Number: 1F52

Revision Date: 5/27/09

Page 3 of 4

## 10 STABILITY AND REACTIVITY

**Stability:** Product is stable under normal conditions.

**Conditions to avoid:** Other Alkalis, Aluminum, Cleaning products should not be stored in food areas

**Materials to avoid (incompatibility):** alkalies Reacts with metals.

**Hazardous Decomposition products:** N/A

**Hazardous Polymerization:** Will not occur.

## 11 TOXICOLOGICAL INFORMATION

This product has not been tested.

## 12 ECOLOGICAL INFORMATION

THIS PRODUCT HAS NOT BEEN TESTED

## 13 DISPOSAL CONSIDERATIONS

Dispose of container and unused contents in accordance with federal, state, and local requirements. Contaminated Packaging:

## 14 TRANSPORT INFORMATION

ORM-D Consumer commodity when packaged in 4x1 gallon cartons.

## 15 REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

\*2-Butoxy-1-ethanol (111762 1-10%) HAP, MASS, OSHAWAC, PA, TSCA, TXAIR

\*Sodium hydroxide (1310732 1-10%) CERCLA, CSWHS, MASS, OSHAWAC, PA, TSCA, TXAIR

REGULATORY KEY DESCRIPTIONS

HAP = Hazardous Air Pollutants  
MASS = MA Massachusetts Hazardous Substances List  
OSHAWAC = OSHA Workplace Air Contaminants  
PA = PA Right-To-Know List of Hazardous Substances  
TSCA = Toxic Substances Control Act  
TXAIR = TX Air Contaminants with Health Effects Screening Level

CERCLA = Superfund clean up substance  
CSWHS = Clean Water Act Hazardous substances

## 16 OTHER INFORMATION

Disclaimer:

# MSDS *Material Safety Data Sheet*

---

DYNA SHINE

MSDS Number: 1F52

Revision Date: 5/27/09

Page 4 of 4

Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained herein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each individual should make a determination as to the suitability of the information for their particular purpose(s).

The above information is not claiming characteristics of the product in term of legal claims of performance / guarantee.

This information only describes safety measures and no liability may arise from the use or application of the product described herein.

This information is given in good faith and based on our current knowledge of the product.

**Notes to Physician:** Moderately corrosive agent which may burn any exposed tissue upon other than very brief contact. Eyes, skin and mcous membranes should flushed thoroughly with water, and ophthalmologic consulation should be obtained for any corneal burns. In cases of ingestion, immediate dilution with water, milk or demulcents is worthwhile, but attempts to neutralize witha 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. Supportitve care may be needed for such other complications as glottal edema, hematemesis and perforation (unlikely). Induced vomitting should be avoided beccause 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.

---

END OF MSDS DOCUMENT