

SAFETY DATA SHEET

1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product Name: INDUSTRIAL RED DEGREASER
Product Use: Alkaline Industrial Cleaning
Product Code: 040
Date of Issue: 03/01/2014
Phone Number: (888) 244-3350

Responsible Party:

Tommorrow, LLC
P.O. Box 2630
Daphne, AL 36526
(888) 244-3350

2. HAZARDS IDENTIFICATION

GHS - Signal Word: DANGER

GHS - Classification:

Skin - Corrosion/Irritation - Category 1B

Serious Eye Damage/Eye Irritation - Category 2B

GHS - Physical Hazard Statement(s):

H290 - May be corrosive to metals

GHS - Health Hazard Statement(s):

H302 - Harmful if swallowed

H314 - Causes severe skin burns and eye damage

H318 - Causes severe eye damage

GHS - Precautionary Statement(s):

P262: Do not get in eyes, on skin, or on clothing

P264: Wash thoroughly after handling

P280 - Wear gloves, protective clothing, eye and face protection

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P301+P330+P331 - IF SWALLOWED: Rinse mouth. DO NOT induce vomiting.

P303+P361+P353 - IF ON SKIN(or hair): Remove immediately all contaminated clothing. Rinse skin with water

Potential Health Effects:

Skin Contact: May cause severe irritation, pain and possibly burns

Eye Contact: May cause severe irritation, pain, burns, damage and blindness

Inhalation: May cause irritation

Ingestion: May cause irritation, pain, burns, vomiting, nausea, and diarrhea

Hazard Ratings H.M.I.S.

Health 2 Flammability 0 Reactivity 0

GHS HAZARD PICTOGRAM(S):



GHS05

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient Name	CAS Number	% Range
Sodium Metasilicate Pentahydrate	10213-79-3	1 - 10
Sodium Hydroxide	1310-73-2	1 - 10
2-Butoxyethanol(Butyl Cellosolve)	111-76-2	1 - 10
Nonylphenol ethoxylate	9016-45-9	1 - 10

4. FIRST AID MEASURES

EYE CONTACT:

Immediately flush eyes with water for at least 15 minutes while holding eyelids open. Remove contact lens after the first 2 minutes.

Get medical attention immediately.

SKIN CONTACT:

Immediately flush with water. Remove all contaminated clothing and continue flushing with water. Wash contaminated areas with soap and water.

Thoroughly clean and dry contaminated clothing before reuse. If irritation persists, seek medical attention.

INHALATION:

Move exposed person to fresh air. If irritation persists, seek medical attention.

INGESTION:

Never give anything by mouth to an unconscious or convulsive person. Do NOT induce vomiting. Drink several glasses of water. Get medical attention immediately.

5. FIRE FIGHTING MEASURES

Flash Point None, non-flammable.

Flammable Limits Not available

Extinguishing Media Use media appropriate for surrounding fire.

Fire Fighting Procedures Move container from fire area if it can be done without risk. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low areas

6. ACCIDENTAL RELEASE MEASURES

Occupational Release:

Neutralize with dilute acid and absorb on liquid-absorbing material and dispose of at an appropriate waste disposal facility in accordance with applicable regulations and product characteristics at time of disposal. This material is alkaline and may raise the pH of surface waters. Releases of this product should be reported, if required, to appropriate agencies.

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7. HANDLING & STORAGE

Handling:

Wear protective equipment (See Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Do not eat, drink or smoke when using chemical products. Wash thoroughly after handling. Keep in the original container. Do not use container for other purposes.

Storage:

Store and handle in accordance with all current regulations and standards. Keep container tightly closed and properly labeled. Keep separated from incompatible substances.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Not Established

Personal Protection

Eyes/Face

Safety Glasses or chemical Goggles. Faceshield to guard against splashing

Skin/Body

PVC, Rubber or Neoprene gloves and sleeves

Respiratory

Not needed under normal and intended conditions of product use.

General

Wear protective clothing to guard against splashing, including boots and apron made from PVC or neoprene. Maintain eye wash fountain and quick drench safety shower in work area.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid	Vapor Pressure	Not available
Color	Clear, Red	Vapor Density	Not available
Odor	Cherry	Evaporation Rate	Not available
Specific Gravity	1.04	Boiling Point	Not available
Water Solubility	Complete	Volatiles	Not available
pH	13.5 - 14.0	VOC	Not available
Flash Point	Not flammable		

10. STABILITY AND REACTIVITY

Chemical Stability The product is stable

Reactivity Stable under normal conditions

Conditions to Avoid Excessive heat and incompatibles

Incompatibility Strong oxidizers and acids may generate heat or toxic vapors

Hazardous Decomposition Carbon oxides may be produced under extreme fire conditions

Hazardous Polymerization Will not occur

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Eyes: Not Established

Dermal LD50: Not Established

Skin Absorption: Not Established

Oral LD50: Not Established

Inhalation: Not Established

Carcinogenicity

IARC: None

Mutagenicity None

Eye Effects

Severe eye irritant

Skin Effects

Moderate skin irritant

Chronic

None

Irritation

Irritant

Corrosivity

Not Established

Sensitization

None

Reproductive Effects

None

Target Organs

None

12. ECOLOGICAL INFORMATION

Ecotoxicity (aquatic and terrestrial) Not Established

Persistence and Degradability Not Established

Bioaccumulative Potential Not Established

Mobility in Soil Not Established

Other Adverse Effects Not Established

13. DISPOSAL CONSIDERATIONS

Waste Information

Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities for additional information.

Waste Stream

Code: D002

Classification: Hazardous waste - Corrosivity

Origin: RCRA waste

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14. TRANSPORTATION INFORMATION

DOT Proper Shipping Name Corrosive liquid, n.o.s. (Sodium Hydroxide)
DOT Hazard Class 8
DOT I.D. Number UN 1760
DOT Packing Group II
DOT Label(s) Corrosive

15. REGULATORY INFORMATION

Safety, health and environmental regulations specific for the product in question.

This regulatory data is not intended to be all-inclusive, only selected regulations are represented.

U.S. Federal regulations

CERCLA

Sodium Hydroxide CAS-No. 1310-73-2, RQ: 1,000 lbs

OSHA Hazard Communication Standard (26 CFR 1910.1200)

(X) Hazardous () Non-Hazardous

SARA TITLE III

Section 302/304 Extremely Hazardous Substances: None

Section 311/312 (40CFR370) Hazardous Categories:

() None (X) Acute () Chronic () Fire () Pressure () Reactive

Section 313 Toxic Chemical List: 2-Butoxyethanol CAS-No. 111-76-2

TSCA

All ingredients listed in section 3 of this SDS are listed on the TSCA Inventory. Any impurities present are exempt from listing.

U.S. State Regulations

California Prop 65

Warning: This product contains less than 0.005% or a chemical known to the State of California to cause cancer. This product contains less than 0.05% of a chemical known to the State of California to cause birth defects or other reproductive harm.

Ingredient : Ethylene oxide Cancer: Yes Reproductive: Yes

All or some ingredients listed in section 3 of this SDS are on the following states Right TO Know listings

Massachusetts, New Jersey, Pennsylvania

International Regulations

Canada: WHMIS Status: Controlled WHMIS Hazard Classification: B/3, D/1/A, D/2/B, E

All ingredients listed in section 3 of this SDS are on the following inventories or are exempted from listing

Country	Notification	Country	Notification
Australia	AICS	Japan	ENCS/ISHL
Canada	DSL	Korea	ECL
China	IECS	New Zealand	NZIoC
European Union	EINECS	Philippines	PICCS

16. OTHER INFORMATION

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Completed On March 1, 2014
Completed By Chemist: R. Law