

PRO CHEM, INC.

1475 BLUEGRASS LAKES PKWY.
 ALPHARETTA, GA 30004
 EMERGENCY/INFO # (800) 241-8180
 ADDITIONAL EMERGENCY # INFO TRAC 1-800-535-5053

MATERIAL SAFETY DATA SHEET**RED HOT / 3405****APRIL 2014****PAGE 1**

HEALTH	3
FIRE	0
REACTIVITY	1
P.P.E.	D

Complies With USDL Safety and Health Regulations, (29 CFR 1910.200)

SECTION 1 – Chemical and Company Identification**CHEMICAL FAMILY:** Alkali cleaner**SECTION 2 – Composition on Ingredients**

CAS #	NAME	% BY WT.	OSHA PEL / ACGIH TLV	SARA 302/ 304 (1)*	SARA 313 (2)*	STATE INFO (3)(4)	CERCLA RQ
1310-73-2	Sodium Hydroxide	< 70.0	2 mg/m ³ / 2 mg/m ³	NO	NO	NO	1000 lbs
7631-99-4	Sodium Nitrate	< 17.0	N/E / N/E	NO	NO	NO	
7429-90-5	Aluminum granules	< 10.0	N/E / 15 mg/m ³	NO	NO	NO	

* See Section 15 for more information

N/E = none established – N/A = not applicable

SECTION 3 – Hazards Information**EMERGENCY OVERVIEW:** DANGER: POISON. Corrosive. REACTS VIOLENTLY WITH WATER.

Causes severe burns to eyes and skin. Harmful or fatal if swallowed. Avoid breathing vapor or mists. Red/purple granular mixture with slight solvent odor.

PRIMARY ROUTE OF ENTRY: Eye contact, skin contact, inhalation**ACUTE/POTENTIAL HEALTH EFFECTS:****EYES:** Causes severe irritation experienced as discomfort or pain, excess blinking and tear production, with redness and swelling of the conjunctiva. Vapors may irritate eyes.**SKIN:** Contact may cause skin irritation or possible burn.**INHALATION:** Excessive exposure to mists or fumes may irritate the mucous membranes and upper respiratory tract.**INGESTION:** May be harmful or fatal if swallowed. Will cause severe burns of the mucous membranes of mouth, throat and stomach.**CHRONIC/LONG TERM EFFECTS:** No Data.**SIGNS AND SYMPTOMS OF OVEREXPOSURE:** Exposure to skin or eyes will cause various degrees of tissue damage.**TARGET ORGAN EFFECTS:** No Data.**REPRODUCTIVE/DEVELOPMENTAL INFORMATION:** No Data.**CARCINOGENIC INFORMATION:** This material is not listed as a carcinogen by IARC, NTP, or OSHA.**SECTION 4 – First Aid Measures****EYES:** Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation persists.**SKIN:** Immediately flush with plenty of water for at least 15 minutes. Get medical attention if irritation persists.**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.**INGESTION:** Seek medical attention immediately. Do not induce vomiting. Call a poison control center or doctor for treatment advice.**SECTION 5 – Fire Fighting Measures****FLASH POINT:** No Flash **METHOD USED:** Standard**EXTINGUISHING MEDIA:** Use appropriate methods for combating surrounding fire.**SPECIAL FIRE FIGHTING INSTRUCTIONS:** Wear a self contained breathing apparatus with a full face piece operated in the positive pressure demand mode. Chemical resistant PPE is recommended.**SECTION 6 – Accidental Release Measures**

Sweep or shovel into containers for disposal or reuse. REACTS VIOLENTLY WITH WATER. Keep away from combustibles (wood, paper, oil, etc.) If water is used for clean up, use large quantities until areas flushed.

SECTION 7 – Handling and Storage

Store in a cool, dry area. Keep container closed when not in use. REACTS VIOLENTLY WITH WATER. DANGER – Oxidizer. Material can initiate spontaneous combustion of wood, cloth and other organic materials. Keep out of reach of children.

SECTION 8 – Exposure Controls/Personal Protection**ENGINEERING CONTROLS:** Use general ventilation.**EYE PROTECTION:** Wear safety glasses or goggles plus face shield.**SKIN PROTECTION:** Wear impervious gloves (made from rubber, nitrile or neoprene) and clothing or apron.**RESPIRATORY PROTECTION:** When respiratory protection is required, wear a dust mask.**SECTION 9 – Physical and Chemical Properties****APPEARANCE & ODOR:** Red/purple granular mixture with slight solvent odor**EVAPORATION RATE (BUTYL ACETATE=1):** N/a**SOLUBILITY IN WATER:** Complete**SPECIFIC GRAVITY (H20=1):** N/a**VAPOR PRESSURE (mmHg):** N/a**pH CONCENTRATE:** 13.0 (1%)**VAPOR DENSITY (AIR=1):** N/a**BOILING POINT:** N/a**SECTION 10 – Stability and Reactivity****STABILITY:** Stable**INCOMPATIBILITY:** Acids, oxidizers**CONDITIONS TO AVOID:** High temperature**HAZARDOUS POLYMERIZATION:** Will not occur**HAZARDOUS DECOMPOSITION PRODUCTS:** CO, CO₂, H₂, AL₂O₃,**SECTION 11 – Toxicological Information**

Sodium Hydroxide: Acute Oral LD50: LDLo (rabbit) 500 mg/kg – corrosive.

Skin Irritation: Corrosive

SECTION 12 – Ecological Information

Toxic to aquatic life.

Sodium Hydroxide: 240 ug/l (bluegill) 96hr TLM LC50

THIS INFORMATION MUST BE ON ALL MSDS'S COPIED AND DISTRIBUTED FOR THIS MATERIAL.
 NO WARRANTY IS EXPRESSED/IMPLIED REGARDING THE ACCURACY OF THIS DATA OR
 RESULTS OBTAINED FROM USE. PROCHEM ASSUMES NO RESPONSIBILITY FOR PERSONAL
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SECTION 13 – Disposal Consideration

WASTE DISPOSAL METHOD: Wastes must be disposed of in accordance with federal, state and local environmental control regulations.

SECTION 14 – Transport Information

D.O.T. SHIPPING NAME/CLASS: Sodium Hydroxide, solid mixture, 8, UN 1823, II

SECTION 15 – Regulatory Information**U.S. Federal Regulations:**

TSCA (Toxic Substances Control Act): The intentional ingredients of product are listed.

Title III Section 311/312 Hazardous Categories - 40 CFR 370.2:

ACUTE (X) Chronic () Fire () Pressure () Reactive (X) Not Applicable ()

(1) Title III Section 302/304 Extremely Hazardous Substances - 40 CFR 355 Appendix A

(2) Title III Section 313 Toxic Chemicals - 40 CFR 372.65

If indicated under Section 2 of this MSDS, this product contains toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning & Community Right to Know Act of 1986. This information must be included in all MSDS that are copied and distributed for this material.

RCRA Status: Under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. If this product becomes a hazardous waste it would be assigned RCRA Code(s) D003

State and Local Regulations: Certain states maintain their own ingredient lists which differ slightly from the Federal standards. If indicated under Section 2 of this MSDS, states listed below may have regulations on ingredients contained in this product. Check with your state for any additional regulations.

(3) California proposition 65 (Safe Drinking Water & Toxic Enforcement Act of 1986)

(4) Massachusetts (Hazardous Substance Disclosure by Employers)

SECTION 16 – Other Information

This information was compiled from current manufacturer's MSDS's of the component parts of the product.

Disclaimer: The Manufacturer believes that the information contained in the Material Safety Data Sheet is accurate. The suggested procedures are based on experience as of the date of publication. They are not necessarily all inclusive nor fully adequate in every circumstance. Also, the suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements.

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