

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**STEAM-IT / 2266****SEPTEMBER 2009****PAGE 1**

HEALTH	2
FIRE	0
REACTIVITY	0
P.P.E.	B

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

SECTION 1 – Chemical and Company Identification**PRODUCT USE:** Cleaner-Degreaser**SECTION 2 – Composition on Ingredients**

CAS #	NAME	WT. %	TLV (UNITS)
1310-58-3	Potassium Hydroxide	< 1	2 mg/m ³
6634-92-0	Sodium Metasilicate	<5	10 mg/m ³ TWA

N/E not established

SECTION 3 – Hazards Information**PRIMARY ROUTES OF ENTRY:** Skin contact/absorption and inhalation**SIGNS AND SYMPTOMS OF OVEREXPOSURE:** Gastrointestinal irritation (nausea, vomiting, diarrhea), irritation to nose, throat, and respiratory tract.**TARGET ORGAN EFFECTS:** None expected.**IMMEDIATE HEALTH EFFECTS:****EYES:** Exposure may cause noticeable pain, and severe irritation.**SKIN:** Exposure may cause mild skin irritation. Prolonged or repeated exposure may dry the skin. Symptoms may include redness, burning, and drying and cracking. Additional symptoms of skin contact may include: allergic reaction. Skin absorption is possible, but harmful effects are not expected from this route of exposure under normal handling and use.**INHALATION:** Exposure to vapor or mist is possible. Short term inhalation is not likely to cause harmful effects: breathing large amounts may be harmful. Symptoms are more typically seen at air concentrations exceeding the recommended exposure limits.**INGESTION:** Single dose oral toxicity is low. Swallowing small amounts during normal handling is not likely to cause harmful effects: swallowing large amounts may be harmful.**LONG TERM 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 with water. Remove contact lenses if applicable, and continue flushing with water. call a physician if irritation persists.**SKIN:** Flush with water. Wash thoroughly with soap and water. Call physician if irritation persists.**INHALATION:** If symptoms develop, move victim to fresh air. If symptoms persist call a physician.**INGESTION:** Do not induce vomiting. Rinse mouth with water, then drink one glass of water. Call a physician immediately. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing.**SECTION 5 – Fire Fighting Measures****FLASH POINT:** No flash at boil **METHOD USED:** C.C.**EXPLOSIVE LIMITS:** Not Applicable**HAZARDOUS PRODUCTS OF COMBUSTION:** Not Applicable**EXTINGUISHING MEDIA:** Not Applicable**SPECIAL FIRE FIGHTING INSTRUCTIONS:** Avoid walking in spilled material. Avoid contact with this material. Wear protective clothing for skin and eyes.**SECTION 6 – Accidental Release Measures****SMALL SPILL:** Absorb with an inert solid and scoop up for disposal, then rinse soiled area with water down the drain.**LARGE SPILL:** Stop leak at the source and collect into a suitable container, then treat as a small spill.**SECTION 7 – Handling and Storage****HANDLING:** Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed.**STORAGE:** Store in a cool, dry place. Keep container closed when not in use.**SECTION 8 – Exposure Controls/Personal Protection****ENGINEERING CONTROLS:** Provide sufficient mechanical (general and local exhaust) ventilation to maintain exposure below level of overexposure (from known, suspected or apparent adverse effects).**EYE PROTECTION:** Chemical Splash goggle in compliance with OSHA regulations are advised: however, OSHA regulations also permit other type safety glasses. Consult your safety representative.**SKIN PROTECTION:** Wear rubber gloves (consult your safety equipment supplier). To prevent repeated or prolonged skin contact, wear impervious clothing and boots.**RESPIRATORY PROTECTION:** If workplace exposure limits of product or any component are exceeded (see exposure guidelines), NIOSH/OSHA approved air supplied respirator is advised in the absence of proper environmental control. OSHA relations also permit other NIOSH/OSHA respirators (negative pressure type) under specific conditions (see your industrial hygienist). Engineering or administrative controls should be implemented to reduce exposure.**SECTION 9 – Physical and Chemical Properties****APPEARANCE/ODOR:** Thin, blue liquid with a bland odor**PERCENT VOLATILE:** 90%**SOLUBILITY IN WATER:** Complete**VAPOR PRESSURE:** Unknown**VAPOR DENSITY:** Unknown**SPECIFIC GRAVITY (H20=1):** 1.01 ± 0.02**pH CONCENTRATE:** 12.0 -13.0**BOILING POINT:** 212°F**SECTION 10 – Stability and Reactivity****STABILITY:** Stable**INCOMPATIBILITY:** None**CONDITIONS TO AVOID:** Temperature extremes**HAZARDOUS POLYMERIZATION:** Will not occur**HAZARDOUS DECOMPOSITION:** Will not occur**SECTION 11 – Toxicological Information**

NO DATA AVAILABLE

SECTION 12 – Ecological Information

NO DATA AVAILABLE

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
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SECTION 13 – Disposal Consideration

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

RCRA INFORMATION: If this material becomes a waste, it would not be considered hazardous under 40 CFR 261.22.

SECTION 14 – Transport Information

DOT INFORMATION: 49 CFR 172.101

DOT Description: 33440 Class 55

DOT Hazard Class: Non Hazardous

Hazardous Component: None

Reportable Quantity (RQ) -49 CFR 172.101 Not applicable.

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

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

CERCLA RQ - 40 CFR 355 Appendix A None

SARA 302 Components 40 CFR Appendix A None

Section 311/312 Hazard Class 40 CFR 370.2

Immediate (X) Delayed (X) Fire () Reactivity () Sudden Release of Pressure ()

SARA 313 Components - 40 CFR 372

STATE AND LOCAL REGULATIONS

California Proposition 65 None

California SCAQMD Rule 443.1 VOC's None

North Carolina Administrative Code 20.1104 and 2B.0610 None

South Carolina Regulation 62.5 Standard Number 8

None

SECTION 16 – Other Information

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable and suitable to their circumstances.

This information was compiled from current manufacturer's MSDS's of the component parts of the product. as well as other sources, such as:

Code of Federal Regulations 29, Revised as of July 1, 1994.

Code of Federal Regulations 40, Revised as of July 1, 1994.

ACGIH, Guide to Occupational Exposure Values, 1996.

ANSI Z129.1-1994, Precautionary Labeling for Hazardous Industrial Chemicals.

Hazard Communication Handbook, A Right To Know Compliance Guide.

Craig A. Moyer & Michael Francis. Clark Broadman Company. Ltd. New York, NY 1992

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