SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	6641	**COMPANY PHONE:**	1-800-241-8180
PRODUCT NAME:	HEAVY-DUTY DEGREASER	**EMERGENCY TELEPHONE:**	1-800-241-8180
PRODUCT DESCRIPTION:	Non-Butyl Degreaser	**INFOTRAC:**	1-800-535-5053
COMPANY INFORMATION:	**PRO CHEM, INC.** 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification

GHS CLASSIFICATION:	**SIGNAL WORD:**	**SYMBOL:**	
Skin corrosion - Category 1 Eye Damage - Category 1	**DANGER**		

HAZARD STATEMENTS:

Keep out of reach of children.
Read label and SDS before use.
Causes severe skin burns and eye damage.

PRECAUTIONARY STATEMENTS:

Prevention:
Do not breathe mists.
Wash hands thoroughly after handling.
Wear protective gloves and clothing.
Wear eye and face protection.

Response:
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with soap and water/shower. Wash contaminated clothing before reuse.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or a physician.
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center or a physician.

Storage: Store locked up.

Disposal: Dispose of contents and container in accordance with all local, regional, and national regulations.

HAZARDS NOT OTHERWISE SPECIFIED:

Not applicable.

3. Composition / Information on Ingredients

CHEMICAL NAME	CAS	CONCENTRATION % by WEIGHT
Sodium Metasilicate	6834-92-0	1 - 5
Potassium Hydroxide	1310-58-3	<= 1

4. First Aid Measures

EMERGENCY OVERVIEW

DANGER: May be harmful if swallowed. Causes severe skin burns and eye damage.

EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or a physician.

SKIN: Take off immediately all contaminated clothing, and wash it before reuse. Wash with plenty of soap and water/shower. If skin irritation persists, get medical attention.

INHALATION:

Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center or a doctor.

INGESTION:

Rinse mouth. Do not induce vomiting. Seek medical attention immediately.

5. Fire-Fighting Measures

SUITABLE FIRE EXTINGUISHING MEDIA:

Use water spray, fog, or foam.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

Containers may build pressure and rupture.

HAZARDOUS THERMAL DECOMPOSITION PRODUCTS:

Carbon Dioxide. Carbon Monoxide.

SPECIFIC FIRE-FIGHTING METHODS:

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area, if this can be done without risk. Use water spray to keep fire-exposed containers cool.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

Firefighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in a positive pressure mode.

6. Accidental Release Measures

PERSONAL PRECAUTIONS:

Put on appropriate personal protective equipment (see Section 8).

ENVIRONMENTAL PRECAUTIONS AND CLEAN-UP METHODS:

Stop all leaks. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Disperse vapors with water spray. Prevent runoff from entering drains, sewers, streams, or other bodies of water. Absorb spill with inert material. Absorb unrecoverable product. Transfer contaminated absorbent, soil, and other materials to containers for disposal.

7. Handling and Storage

Do not use or store near heat, sparks, or open flame. Store in a cool, dry place. Do not get in eyes, on skin, or on clothing. Keep out of reach of children.

8. Exposure Controls / Personal Protection

Potassium Hydroxide (1310-58-3)

OSHA PEL 2 mg/m3
ACGIH TLV 2 mg/m3

Sodium Metasilicate (6834-92-0)

OSHA PEL 15 mg/m3
ACGIH TLV 10 mg/m3

9. Physical & Chemical Properties

APPEARANCE:	Clear liquid.	**EXPLOSIVE LIMIT RANGES:**	Not available.
Physical State:	Liquid.	**EXPLOSIVE PROPERTIES:**	Not available.
Color:	Green.	**OXIDIZING PROPERTIES:**	Not available.
ODOR:	Odorless.	**VAPOR DENSITY:**	Not available.
ODOR THRESHOLD:	Not available.	**VAPOR PRESSURE:**	Not available.
pH:	12-13	**RELATIVE DENSITY:**	1.02
MELTING/FREEZING POINT:	Not available.	**SOLUBILITY (water):**	Complete.
BOILING POINT:	Not available.	**AUTO-IGNITION TEMP:**	Not available.
VISCOSITY:	Not available.	**DECOMPOSITION TEMP:**	Not available.
FLASH POINT:	None.	**PARTITION COEFFICIENT:**	Not available.
EVAPORATION RATE:	Not available.	**VOC CONTENT (Wt %):**	0

10. Stability & Reactivity Information

REACTIVITY:

Under normal conditions of storage and use, hazardous reactions will not occur.

CHEMICAL STABILITY:

Stable under normal conditions.

INCOMPATIBLE MATERIALS:

Acids and strong oxidizers.

CONDITIONS TO AVOID:

High temperatures.

DECOMPOSITION PRODUCTS:

CO, CO_2.

11. Toxicological Information

PRIMARY ROUTE OF ENTRY:

Skin contact, eye contact, inhalation.

ACUTE/POTENTIAL HEALTH EFFECTS:

EYES: Causes severe irritation experienced as discomfort or pain, excess blinking, tear production with redness and swelling of the conjunctiva.

SKIN: Brief contact may cause slight irritation. Prolonged contact may cause more severe irritation with pain, local redness, swelling, and possible tissue destruction.

INHALATION: High vapor concentrations may be irritating to respiratory tract.

INGESTION: May be harmful or fatal if swallowed. Corrosive. Can cause severe burns and complete tissue perforation of mucous membranes, mouth, throat, and stomach.

CHRONIC/LONG TERM EFFECTS:

None known.

TARGET ORGAN EFFECTS:

Lungs and upper respiratory tract, gastrointestinal tract, eyes, skin.

REPRODUCTIVE/DEVELOPMENTAL INFORMATION:

No data.

CARCINOGENIC INFORMATION:

This material is not listed as a carcinogen by IARC, NTP, or OSHA.

ACUTE TOXICITY VALUES:

Potassium Hydroxide: Oral - LD50, rat 273 mg/Kg

12. Ecological Information

Potassium Hydroxide:

Fish LC50, Western mosquitofish (Gambusia affinis), 80 mg/l, 96 hr.

13. Disposal Consideration

Waste must be disposed of in accordance with federal, state, and local environmental control regulations. See label for further instructions.

14. Transportation Information

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.
UN NUMBER: 3266
PROPER SHIPPING NAME: Corrosive Liquid, Basic, Inorganic, n.o.s. (contains Sodium Metasilicate)
CLASS: 8
PACKING GROUP: II

15. Regulatory Information

CERCLA RQ (40 CFR 302)
Potassium Hydroxide **1000 lbs**
If identified components of this product are **CERCLA** hazardous substances and/or listed under **Sections 302, 304, or 313 of Title III** of the Superfund Amendments and Reauthorization Act (SARA) of 1986 (also known as EPCRA, the Emergency Planning and Community Right-To-Know Act), or under **California Proposition 65** (Safe Drinking Water and Toxic Enforcement Act), they are listed above in Section 15 of this SDS.
If identified components of this product are listed under Section 313, this product contains toxic chemicals subject to the reporting requirements of Section 313. This information must be included in all SDS that are copied and distributed for this material.
Title III Section 311/312:
Hazardous Categories - 40 CFR 370.2:
ACUTE (X) Chronic ( ) Fire ( ) Pressure ( ) Reactive ( ) Not Applicable ( )
T.S.C.A. Status:
All chemical substances found in this product comply with the Toxic Substances Control Act inventory reporting requirements.
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 hazardous waste it would be assigned RCRA Code(s) D002

16. Other Information

N/A = Not Applicable; N/D = Not Determined

DISCLAIMER:
To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard, which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product, which may not be covered by this SDS. The user is responsible for full compliance.