



# Economy Heavy-Duty Degreaser #6641

Maximum Strength Non-Butyl Industrial Degreaser

# Product Information Sheet

## Features

- Premium non-butyl degreaser
- Excellent oil emulsifier
- Excellent for use in automatic scrubbers
- Biodegradable
- Kosher Certified
- Food Processing Acceptability: A4



## Description

This product is a highly concentrated, non-butyl degreaser which dissolves and emulsifies the heaviest of grease accumulations.

## Applications

- General degreasing
- Scrubbing machines

## Directions

Dilute 2 ounces per gallon for general degreasing and routine maintenance. More concentrated dilutions may be required depending on the accumulations of grease and oily substances.

## Product Specifications

Appearance	Clear, green liquid
Fragrance	Odorless
Boiling Point (°F)	>212°F
pH concentrate	12.2
Solubility in Water	Complete
Vapor Pressure (mmHg)	N/E
Vapor Density (air=1)	N/E
Specific Gravity (H2O=1)	1.02
Evaporation Rate (butyl acetate=1)	N/E
Total Alkalinity (as Na O)	1.3%
Solids	7.5%
Flash Point	No flash by standard methods
Storage	Store in a cool, dry place. Keep container closed when not in use. Keep out of reach of children.
Transportation information	
Class #	
Proper Shipping Name	

Health	1
Flammability	0
Reactivity	0
Personal Protection	B



# SAFETY DATA SHEET

## 1. Product and Company Identification

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

## 2. Hazards Identification

<b>GHS CLASSIFICATION:</b> Skin corrosion - Category 1 Eye Damage - Category 1	<b>SIGNAL WORD:</b> <b>DANGER</b>	<b>SYMBOL:</b>	
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### 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**

ACGIH TLV 2 mg/m3

OSHA PEL 2 mg/m3

**Sodium Metasilicate**

ACGIH TLV 10 mg/m3

OSHA PEL 15 mg/m3

**PERSONAL PROTECTIVE EQUIPMENT:**

**EYE/FACE PROTECTION:** Wear safety glasses or goggles.

**SKIN PROTECTION:** Wear impervious gloves (made from rubber, nitrile, or neoprene), clothing, and boots.

**RESPIRATORY PROTECTION:** When respiratory protection is required, use an organic vapor & particulate cartridge. All respiratory programs must meet OSHA's 29 CFR 1910.34 & ANSI Z88.2 requirements.

**ENGINEERING CONTROLS:**

Good general ventilation required.

**9. Physical & Chemical Properties**

<b>APPEARANCE:</b>	Clear liquid.	<b>EXPLOSIVE LIMIT RANGES:</b>	Not available.
<b>Physical State:</b>	Liquid.	<b>EXPLOSIVE PROPERTIES:</b>	Not available.
<b>Color:</b>	Green.	<b>OXIDIZING PROPERTIES:</b>	Not available.
<b>ODOR:</b>	Odorless.	<b>VAPOR DENSITY:</b>	Not available.
<b>ODOR THRESHOLD:</b>	Not available.	<b>VAPOR PRESSURE:</b>	Not available.
<b>pH:</b>	12-13	<b>RELATIVE DENSITY:</b>	1.02
<b>MELTING/FREEZING POINT:</b>	Not available.	<b>SOLUBILITY (water):</b>	Complete.
<b>BOILING POINT:</b>	Not available.	<b>AUTO-IGNITION TEMP:</b>	Not available.
<b>VISCOSITY:</b>	Not available.	<b>DECOMPOSITION TEMP:</b>	Not available.
<b>FLASH POINT:</b>	None.	<b>PARTITION COEFFICIENT (n-octanol/water):</b>	Not available.
<b>EVAPORATION RATE:</b>	Not available.	<b>VOC CONTENT (Wt %):</b>	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<sub>2</sub>.

**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**

<b>HMIS</b>	Health Hazards: 1	Flammability: 0	Physical hazards: 0	Personal protection: B
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**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.

## DIRECTIONS

**For routine maintenance,** 1 part concentrate to 100 parts water.

**For light cleaning,** 1 part concentrate with up to 50 parts water.

**For general cleaning requirements,** 1 part concentrate to 25 parts water.

**For heavily soiled surfaces,** 1 part concentrate to 10 parts water.

**For exceptionally stubborn soils,** repeat cleaning procedure at a more concentrated dilution. Rinse thoroughly after use.

**Description:** The cleaner of the future - a catalactive cleaner without harmful toxic vapors that is more appealing than water soluble solvent cleaners. This concentrate will clean and deodorize simultaneously in one easy operation. This product is environmentally appealing because it contains no soaps, phosphates, highly toxic solvents or non-biodegradable detergents. Recommended for use where water soluble solvent cleaners cannot be used and where all greasy, oily soils exist.

**Designed to Be Used for:** Food Processing Plants • Offices • Farms • Garages • Lounges • Factories • Schools • Nurseries • Restaurants • Service Stations • Meat Processing Plants • Clinics • Distilleries • Golf Courses • Hospitals

**Suitable for Use on:** Walls • Floors • Steel Files • Fans • Machinery • Tile • Engines • Brick • Filters • Plastics • Conveyors • Tires • Showers • Lockers • Guns • Rubber • Sinks • Pools • Paint • Utensils • Bathrooms

Product Code: 6641



This product is designed exclusively for industrial and institutional use by trained personnel. This product is sold "as is" and the manufacturer makes no warranty, express or implied, of merchantability, fitness for a particular purpose or otherwise.

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# HEAVY DUTY DEGREASER CONCENTRATE

The performance cleaner that deodorizes while it removes soils and greases from all surfaces. Contains no phosphates, soaps, cellosolves, or other highly toxic solvents.

NON-TOXIC • NON-POLLUTING • NON-FLAMMABLE

## DANGER: CORROSIVE

KEEP OUT OF REACH OF CHILDREN. CAUSES SEVERE SKIN BURNS AND EYE DAMAGE.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONS.

SI USTED NO ENTIENDE LA ETIQUETA, BUSQUE A ALGUIEN PARA QUE SE LA EXPLIQUE A USTED EN DETALLE.

(If you do not understand this label, find someone to explain it to you in detail.)

NET CONTENTS: 55 GALLONS (208.2 L)

## HEAVY DUTY DEGREASER

### DANGER

KEEP OUT OF REACH OF CHILDREN. READ LABEL AND SDS BEFORE USE. CAUSES SEVERE SKIN BURNS AND EYE DAMAGE.



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

### FIRST AID

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.

Store locked up. Dispose of contents and container in accordance with all local, regional, and national regulations.

An Exclusive Product of PRO CHEM, INC.  
1475 Bluegrass Lakes Parkway, Alpharetta, GA 30004  
TO REORDER CALL: 1-800-241-8180  
[www.procheminc.com](http://www.procheminc.com)

INGREDIENTS (CAS #): Water (7732-18-5), Sodium Metasilicate (6834-92-0), Sodium Xylene Sulfonate (1300-72-7), Potassium Hydroxide (1310-58-3), 2-Butoxyethanol (111-76-2).

HMS RATINGS: Health: 1, Flammability: 0, Reactivity: 0, Maximum Personal Protection: B.