




# SAFETY DATA SHEET

## 1. Product and Company Identification

<b>PRODUCT NUMBER:</b>	2887	<b>COMPANY PHONE:</b>	1-800-241-8180
<b>PRODUCT NAME:</b>	SMART SPRAY MULTI-PURPOSE CLEANER	<b>EMERGENCY TELEPHONE:</b>	1-800-241-8180
<b>PRODUCT DESCRIPTION:</b>	Cleaner/degreaser concentrate	<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/irritation: Category 1 Serious eye damage/eye irritation: Category 1 Corrosive to metals: Category 1	<b>SIGNAL WORD:</b> <b>DANGER</b>	<b>SYMBOL:</b>	
---	--------------------------------------	----------------	---

### HAZARD STATEMENTS:

Causes severe skin burns and eye damage. May be corrosive to metals.

### PRECAUTIONARY STATEMENTS:

#### PREVENTION:

Do not breathe dust/fume/gas/mist/vapors/spray.  
Wash face, hands and any exposed skin thoroughly after handling.  
Wear protective gloves/protective clothing/eye protection/face protection.  
Keep only in original container.

#### RESPONSE:

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 doctor/physician.  
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.  
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.  
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
IN CASE OF SPILL: Absorb spillage to prevent material damage.

### STORAGE:

Store locked up.  
Store in corrosive resistant container with a resistant innerliner.

### DISPOSAL:

Dispose of contents/container to an approved waste disposal plant.

### HAZARDS NOT OTHERWISE SPECIFIED:

Not applicable.

## 3. Composition / Information on Ingredients

CHEMICAL NAME	CAS	Concentration % by Weight
Water	7732-18-5	60-100
Ethylene Glycol Monobutyl Ether	111-76-2	3-7
Sodium Metasilicate	6834-92-0	1-5
Alcohols, C9-11 ethoxylated	68439-46-3	1-5
Sodium Xylene Sulfonate	1300-72-7	1-5

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

## 4. First Aid Measures

### EMERGENCY OVERVIEW

**EYES:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek immediate medical attention/advice.

**SKIN:** Wash with soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse.

#### INHALATION:

Remove to fresh air. Seek immediate medical attention/advice.

#### INGESTION:

Rinse mouth. Do not induce vomiting. Drink plenty of water. Seek medical advice.

#### MOST IMPORTANT SYMPTOMS AND EFFECTS:

Exposed individuals may experience eye tearing, redness and discomfort. Contact may cause irritation and redness.

#### INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

**NOTE TO PHYSICIAN:** Treat symptomatically.

## 5. Fire Fighting Measures

### SUITABLE FIRE EXTINGUISHING MEDIA:

Water spray (fog). Carbon dioxide (CO<sub>2</sub>). Dry chemical. Foam.

### UNSUITABLE FIRE EXTINGUISHING MEDIA:

Not determined.

### SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

None known.

### SPECIAL PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS:

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. Accidental Release Measures

### PERSONAL PRECAUTIONS:

Use personal protection recommended in Section 8.

### ENVIRONMENTAL PRECAUTIONS AND CLEAN-UP METHODS:

Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Collect in a clean, dry waste container for disposal. Dispose of in accordance with federal, state and local regulations. Use a water rinse for final clean-up.

## 7. Handling and Storage

### PRECAUTIONS FOR SAFE HANDLING:

Wash thoroughly after handling. Use personal protection recommended in Section 8. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid contact with eyes. Handle in accordance with good industrial hygiene and safety practice.

### STORAGE CONDITIONS:

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep locked up and out of reach of children. Protect from freezing.

### INCOMPATIBLE MATERIALS:

Acids.

## 8. Exposure Controls / Personal Protection

### EXPOSURE GUIDELINES

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Ethylene Glycol Monobutyl Ether 111-76-2	TWA: 20 ppm	TWA: 50 ppm TWA: 240 mg/m <sup>3</sup> (vacated) (vacated) TWA: 120 mg/m <sup>3</sup> (vacated) S* TWA: 25 ppm	IDLH: 700 ppm TWA: 5 ppm TWA: 24 mg/m <sup>3</sup>
Sodium Metasilicate 6834-92-0	2 mg/m <sup>3</sup>	2 mg/m <sup>3</sup>	-

### EYE PROTECTION:

Splash goggles or safety glasses.

### SKIN PROTECTION:

Chemical resistant protective gloves.

### RESPIRATORY PROTECTION:

Ensure adequate ventilation, especially in confined areas.

### GENERAL HYGIENE CONSIDERATIONS:

Handle in accordance with good industrial hygiene and safety practice.

### ENGINEERING CONTROLS:

General ventilation sufficient.

## 9. Physical & Chemical Properties

<b>APPEARANCE:</b>	Clear.	<b>FLAMMABILITY(solid/gas):</b>	N/A-liquid.
<b>Physical State:</b>	Liquid.	<b>Flammability Limit-lower (%):</b>	Not determined.
<b>Color:</b>	Dark Green	<b>Flammability Limit-upper (%):</b>	Not determined.
<b>ODOR:</b>	Sassafras	<b>OXIDIZING PROPERTIES:</b>	Not determined.
<b>ODOR THRESHOLD:</b>	Not determined.	<b>EVAPORATION RATE:</b>	Not determined.
<b>pH:</b>	12.5-13.0	<b>VAPOR PRESSURE:</b>	Not determined.
<b>MELTING/FREEZING POINT:</b>	~ 0 °C / ~32 °F	<b>VAPOR DENSITY:</b>	Not determined.
<b>BOILING POINT/RANGE:</b>	101 °C / 214 °F	<b>SOLUBILITY (water):</b>	Completely soluble.
<b>PARTITION COEFFICIENT (n-octanol/water):</b>	Not determined.	<b>AUTO-IGNITION TEMP:</b>	Not determined.
<b>VISCOSITY(kinematic/dynamic):</b>	Not determined.	<b>DECOMPOSITION TEMP:</b>	Not determined.
<b>SPECIFIC GRAVITY:</b>	1.04		

## 10. Stability & Reactivity Information

### REACTIVITY:

Not reactive under normal conditions.

### CHEMICAL STABILITY:

Stable under recommended storage conditions.

**POSSIBILITY OF HAZARDOUS REACTIONS:**

None under normal processing.

**INCOMPATIBLE MATERIALS:**

Acids.

**CONDITIONS TO AVOID:**

Keep out of reach of children. Keep from freezing.

**DECOMPOSITION PRODUCTS:**

When exposed to fire, produces normal products of combustion.

**11. Toxicological Information****PRIMARY ROUTE OF ENTRY:** Eyes, skin, inhalation, ingestion.**ACUTE/POTENTIAL HEALTH EFFECTS:****EYES:** Causes severe eye damage.**SKIN:** Causes severe skin burns.**INHALATION:** Avoid breathing vapors or mists.**INGESTION:** Do not taste or swallow.**COMPONENT INFORMATION:**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Glycol Monobutyl Ether 111-76-2	= 470 mg/kg ( Rat )	= 2270 mg/kg ( Rat ) = 220 mg/kg ( Rabbit )	= 2.21 mg/L ( Rat ) 4 h = 450 ppm ( Rat ) 4 h
µm Metasilicate 6834-92-0	= 600 mg/kg ( Rat )	-	-
Ammonium, C9-11 ethoxylated 68439-46-3	= 1378 mg/kg ( Rat )	> 2 g/kg ( Rabbit )	-

**TOXICOLOGICAL EFFECTS:**

Please see section 4 of this SDS for symptoms.

**DELAYED AND IMMEDIATE EFFECTS AS WELL AS CHRONIC EFFECTS FROM SHORT AND LONG-TERM EXPOSURE:****CARCINOGENIC INFORMATION:** Not classifiable as a human carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Ethylene Glycol Monobutyl Ether 111-76-2	A3	Group 3		

**Legend***ACGIH (American Conference of Governmental Industrial Hygienists)**A3 - Animal Carcinogen**IARC (International Agency for Research on Cancer)**Group 3 IARC components are "not classifiable as human carcinogens"***NUMERICAL MEASURES OF TOXICITY:**

Not determined.

**12. Ecological Information****ECOTOXICITY:**

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Chemical Name	Terrestrial/Aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Glycol Monobutyl Ether 111-76-2	-	1490: 96 h <i>Lepomis macrochirus</i> mg/L LC50 static 2950: 96 h <i>Lepomis macrochirus</i> mg/L LC50	-	1698 - 1940: 24 h <i>Daphnia magna</i> mg/L EC50 1000: 48 h <i>Daphnia magna</i> mg/L EC50
µm Metasilicate 6834-92-0	-	210: 96 h <i>Brachydanio rerio</i> mg/L LC50 semi-static 210: 96 h <i>Brachydanio rerio</i> mg/L LC50	-	1698: 48 h <i>Daphnia magna</i> mg/L EC50

**PERSISTENCE AND DEGRADABILITY:** Not determined.**BIOACCUMULATION:** Not determined.**MOBILITY:**

Chemical Name	Partition Coefficient
Glycol Monobutyl Ether 111-76-2	0.81

**OTHER ADVERSE EFFECTS:**

Not determined.

**13. Disposal Consideration****DISPOSAL OF WASTE:**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**CONTAMINATED PACKAGING:**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**14. Transportation Information****DOT:** Gallon Container or Larger: UN3266, Corrosive Liquid, Basic, Inorganic, NOS(Containing Potassium Hydroxide), 8, PG II. Quart Container or Smaller: Consumer Commodity ORM-D or Limited Quantity.**IATA:** Not regulated.**IDMG:** Not regulated.

**15. Regulatory Information**

**INTERNATIONAL INVENTORIES:**

Not determined.

**US FEDERAL REGULATIONS:**

**SARA 311/312 HAZARD CATEGORIES:**

**ACUTE HEALTH HAZARD:** Yes,

**SARA 313:**

Chemical Name	CAS No	Weight-%	313 - Threshold Values %
Ethylene Glycol Monobutyl Ether	111-76-2	3-7	1.0

**US STATE REGULATIONS:**

**US STATE RIGHT-TO-KNOW REGULATIONS:**

Chemical Name	State List
Ethylene Glycol Monobutyl Ether 111-76-2	MA, NJ, PA
AZ- Arizona Ambient Air Quality Guidelines	CT- Connecticut Hazardous Air Pollutants
CA- California Director's List of Hazardous Substances	CAP65- California Prop65
FL- Florida Substances List	ID-Idaho Non-Carcinogen Toxic Air Pollutants
IL- Illinois Toxic Air Contaminant- Carcinogenic	MA- Massachusetts Right to Know List
MN- Minnesota Hazardous Substances List	NJ- New Jersey Right to Know List
PA- Pennsylvania Right to Know List	RI- Rhode Island Hazardous Substances List

**16. Other Information**

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

HMIS RATING	NFPA												
<table border="1"> <tr> <td><b>HEALTH</b></td> <td><input type="checkbox"/></td> <td><b>1</b></td> </tr> <tr> <td><b>FLAMMABILITY</b></td> <td><input type="checkbox"/></td> <td><b>0</b></td> </tr> <tr> <td><b>PHYSICAL HAZARD</b></td> <td><input type="checkbox"/></td> <td><b>0</b></td> </tr> <tr> <td><b>PERSONAL PROTECTION</b></td> <td><input type="checkbox"/></td> <td></td> </tr> </table>	<b>HEALTH</b>	<input type="checkbox"/>	<b>1</b>	<b>FLAMMABILITY</b>	<input type="checkbox"/>	<b>0</b>	<b>PHYSICAL HAZARD</b>	<input type="checkbox"/>	<b>0</b>	<b>PERSONAL PROTECTION</b>	<input type="checkbox"/>		
<b>HEALTH</b>	<input type="checkbox"/>	<b>1</b>											
<b>FLAMMABILITY</b>	<input type="checkbox"/>	<b>0</b>											
<b>PHYSICAL HAZARD</b>	<input type="checkbox"/>	<b>0</b>											
<b>PERSONAL PROTECTION</b>	<input type="checkbox"/>												

**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.