

# SAFETY DATA SHEET

## 1. Product and Company Identification

<b>PRODUCT NUMBER:</b>	160511	<b>COMPANY PHONE:</b>	1-800-241-8180
<b>PRODUCT NAME:</b>	MEGA BLAST II	<b>EMERGENCY TELEPHONE:</b>	1-800-535-5053
<b>PRODUCT DESCRIPTION:</b>	Solvent 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

**GHS CLASSIFICATION:** Gases Under Pressure: Dissolved Gas  
Skin Irritant: Category 2  
Eye Irritant: Category 2A  
Reproductive Toxicity: Category 1B  
Specific Target Organ Toxicity (Single Exposure): Category 3  
Carcinogenicity: Category 2  
Specific Target Organ Toxicity (Repeated Exposure): Category 1  
Acute Toxicity, Oral: Category 4

**SIGNAL WORD:**  
**DANGER**

**SYMBOL:**



### HAZARD STATEMENTS:

Contains gas under pressure; May explode if heated. Causes skin and serious eye irritation. May damage fertility or the unborn child. May cause respiratory irritation, drowsiness or dizziness. Suspected of causing cancer. Presumed to have the potential to produce significant nervous system toxicity in humans through prolonged or repeated exposure. May be harmful if swallowed.

This product contains the following percentage of chemicals of unknown toxicity: 0%

### PRECAUTIONARY STATEMENTS:

**Prevention:** Keep away from heat, sparks, open flames, and hot surfaces. No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Wash hands thoroughly after handling, take off contaminated clothing and wash it before reuse. Wear chemical resistant gloves of Viton or Silvershield material and safety glasses.

**Response:** IF ON SKIN, wash with plenty of water. If skin irritation occurs, get medical advice or attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. If exposed or concerned: Get medical advice/attention. Do not breathe dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor and get medical attention if you feel unwell. Do not eat, drink or smoke when using this product. IF SWALLOWED: Immediately call a poison center/doctor. Rinse mouth.

**Storage:** Store in a well-ventilated place. Keep container tightly closed.

**Disposal:** Dispose of contents and container in accordance with local/regional/national regulations.

### HAZARDS NOT OTHERWISE SPECIFIED:

Not applicable.

## 3. Composition / Information on Ingredients

Chemical Name	CAS	Concentration % by Weight
n-Propyl Bromide	106-94-5	90-97%
Carbon Dioxide	124-38-9	5-25%

## 4. First Aid Measures

### EMERGENCY OVERVIEW

**EYES:** Immediately flush with water for 15 minutes while holding eyelids open. Seek medical attention if irritation persists.

**SKIN:** IF ON SKIN: Wash with plenty of water. If skin irritation occurs: get medical attention.

### INHALATION:

Move to fresh air. If not breathing, administer artificial respiration.

### INGESTION:

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Get medical advice or attention.

### ACUTE HEALTH HAZARDS:

Headache, drowsiness, dizziness, nausea, vomiting or narcosis.

### CHRONIC HEALTH HAZARDS:

Repeated inhalation of high concentrations may cause lung, liver, kidney, urinary, blood, bone marrow, heart, eye, central nervous system, gastrointestinal, reproductive, developmental and fertility effects.

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

**NOTE TO PHYSICIAN:** There is no specific treatment regimen. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

## 5. Fire-Fighting Measures

### SUITABLE FIRE EXTINGUISHING MEDIA:

Dry chemical, carbon dioxide, foam and water spray or fog.

### UNSUITABLE FIRE EXTINGUISHING MEDIA:

Not applicable.

### SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

Keep away from sparks, open flames and hot surfaces. No smoking.

**HAZARDOUS THERMAL DECOMPOSITION PRODUCTS:**

Oxides of carbon, hydrogen halides, bromides.

**SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:**

Wear SCBA in fire situations.

**6. Accidental Release Measures****PERSONAL PRECAUTIONS:**

Refer to Section 8 for proper Personal Protective Equipment.

**SPILL:** Absorb spill with non-combustible material such as vermiculite, sand or earth.**METHODS AND MATERIALS FOR CONTAINMENT AND CLEANUP:**

Dispose of in accordance with local, state and federal regulations.

**RCRA STATUS:**

Waste likely considered hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

**7. Handling and Storage****HANDLING AND STORAGE:**

Protect from sunlight. Store in a well-ventilated place. Do not expose to temperatures exceeding 50°C/122°F.

**Pressurized Container:** Do not pierce or burn, even after use.**OTHER PRECAUTIONS:**

Keep out of the reach of children.

**INCOMPATIBILITY:**

Strong alkalis, oxidizers, bases, reactive metals and natural rubber.

**8. Exposure Controls / Personal Protection**

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
n-Propyl Bromide	Not Established	10 ppm
Carbon Dioxide	5000 ppm	5000 ppm

**PERSONAL PROTECTIVE EQUIPMENT:** Safety glasses and chemical resistant gloves.**Eye/Face Protection:** Safety glasses/goggles.**Skin Protection:** Chemical resistant gloves.**Respiratory Protection:** Wear NIOSH/MSHA approved organic vapor respiratory protection if used in confined, poorly ventilated areas.**APPROPRIATE ENGINEERING CONTROLS:**

Use only outdoors or in a well-ventilated area.

**ADDITIONAL MEASURES:**

Wash hands thoroughly after handling.

**9. Physical & Chemical Properties**

<b>Appearance:</b>	Clear colorless to yellow liquid.	<b>Flammability(solid/gas):</b>	Not considered a flammable aerosol or an extremely flammable aerosol by OSHA (29CFR 1910.1200).
<b>Odor:</b>	Strong solvent odor.	<b>Flammability Limit-lower (%):</b>	Not determined.
<b>Odor Threshold:</b>	Not determined.	<b>Flammability Limit-upper (%):</b>	Not determined.
<b>pH:</b>	Not determined.	<b>Explosive Limit-Lower (%):</b>	Not determined.
<b>Melting/Freezing Point:</b>	-166.8°F (-110.5°C)	<b>Explosive Limit-Upper (%):</b>	Not determined.
<b>Initial Boiling Point/Range:</b>	158°F (70°C)	<b>Vapor Density (AIR=1):</b>	Not determined.
<b>Viscosity:</b>	Not determined.	<b>Vapor Pressure (mm Hg):</b>	Not determined.
<b>Flash Point:</b>	Not determined.	<b>Relative Density:</b>	1.3
<b>Viscosity:</b>	Not determined.	<b>Solubility (water):</b>	Non-soluble in water.
<b>Evaporation Rate:</b>	4.7 (Fast)	<b>Auto-Ignition Temp:</b>	Not determined.
<b>Partition Coeff(n-octanol/water):</b>	Not determined.	<b>Decomposition Temp:</b>	Not determined.

**10. Stability & Reactivity Information****REACTIVITY:**

None known.

**CHEMICAL STABILITY:**

Stable.

**POSSIBILITY OF HAZARDOUS REACTIONS:**

None known.

**CONDITIONS TO AVOID:**

Excessive heat. Prolonged contact with free water will result in diminished stabilizer and corrosion.

**INCOMPATIBLE MATERIALS:**

Strong alkalis, oxidizers, bases, reactive metals and natural rubber.

**HAZARDOUS DECOMPOSITION PRODUCTS:**

Oxides of carbon, hydrogen halides, bromides.

**11. Toxicological Information****TOXICOLOGICAL INFORMATION:** n-Propyl Bromide (106-94-5) LD50 (oral, rat) 4260 mg/kg; LC50 (rat, 0.5hr) 50291 ppm

**PRIMARY ROUTE OF ENTRY:** Eyes, Ingestion, Inhalation, Skin

**Eyes:** Causes irritation.

**Skin:** Causes mild irritation, dryness, localize defatting.

**Inhalation:** Causes irritation to the respiratory tract, headache, dizziness, nausea, vomiting or narcosis. May cause liver damage.

**Ingestion:** Nausea and gastric discomfort.

**MEDICAL CONDITION AGGRAVATED:**

Pre-existing conditions of the skin, liver, CNS and kidneys

**ACUTE HEALTH HAZARDS:**

Headache, drowsiness, dizziness, nausea, vomiting or narcosis.

**CHRONIC HEALTH HAZARDS:**

Repeated inhalation of high concentrations may cause lung, liver, kidney, urinary, blood, bone marrow, heart, eye, central nervous system, gastrointestinal, reproductive, developmental and fertility effects.

**CARCINOGENICITY:**

**OSHA:** Yes **ACGIH:** No **NTP:** 2 - Anticipated **IARC:** 2B - Possible **OTHER:** CA Prop 65

## 12. Ecological Information

**ECOTOXICITY:**

Not established.

**PERSISTENCE AND DEGRADABILITY:**

Component or components of this product are not biodegradable.

**BIOACCUMULATIVE POTENTIAL:**

This product is not expected to bioaccumulate.

**MOBILITY IN SOIL:**

This product is mobile in soil.

**OTHER ADVERSE EFFECTS:**

None known.

## 13. Disposal Consideration

**WASTE DISPOSAL:**

Dispose of in accordance with local, state and federal regulations.

**RCRA STATUS:**

Waste likely considered hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

## 14. Transportation Information

**DOT: UN Number:** UN 1950

**UN Proper Shipping Name:** Aerosols, Ltd. Qty

**Transport Hazard Class(es):**

**Class:** 2.2

**Packing Group:** Not applicable.

**IMO/IATA: UN Number:** UN 1950

**UN Proper Shipping Name:** Aerosols, non-flammable

**Transport Hazard Class(es):**

**Class:** 2.2

**Packing Group:** Not applicable.

**SHIPPING BY WATER IMO/IMDG:**

**UN Number:** UN 1950

**UN Proper Shipping Name:** Aerosols

**Transport Hazard Class(es):**

**Class:** 2.2

**Subsidiary risk:** -

**Packing Group:** Not applicable.

**Environmental Hazards:** Not applicable.

## 15. Regulatory Information

**TSCA STATUS:** All Chemicals are listed or exempt.

**CERCLA (COMPREHENSIVE RESPONSE COMPENSATION AND LIABILITY ACT):** 1,2-Butylene oxide (106-88-7) Reportable Quantity = 100 pounds.

**SARA 311/312 HAZARD CATEGORIES:** Acute Health, Chronic Health.

**SARA 313 REPORTABLE INGREDIENTS:**

**1,2-Butylene oxide** (106-88-7). **Nitromethane** (75-52-5). **sec-Butyl alcohol** (78-92-2). **n-Propyl bromide** (106-94-5).

Isopropyl alcohol (67-63-0)

**STATE REGULATIONS:**

**California Proposition 65:** WARNING: This product can expose you to chemicals including 1-Bromopropane (1-BP), which is known to the State of California to cause cancer and birth defects or other reproductive harm.

For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov). **1,2-Butylene oxide** (106-88-7): Included on State Hazardous Substances Inventories, **Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states:** CA, MA, MN, NJ, PA, RI.

**INTERNATIONAL REGULATIONS:**

**n-Propyl Bromide** (106-94-5) Canada (DSL): Ingredients listed WHMIS: Class D Division 2B, WHMIS-HC-1

**VOLATILE ORGANIC COMPOUNDS (VOC):** 97%

## 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.