

# ELECTRO BLAST #1649

Aerosol Safety Solvent With Blast Nozzle



## Features:

- Non-corrosive, non-conductive, non-flammable
- Powerful flushing action
- Safe for cleaning energized electrical equipment
- Dries fast and residue free
- 30.0 kV dielectric strength (ASTM D-877)
- No petroleum distillates



## Directions:

ELECTRO BLAST is a fast drying, nonflammable, nonconductive, solvent cleaner and degreaser spray. It contains trichloroethylene, an accepted replacement for 1,1,1 Trichloroethane under the EPA SNAP program. Its powerful flushing action penetrates through and removes grease, grime, dirt, tar, wax and other contaminants. The dielectric strength and non-flammability of the product allows it to be used on electrical equipment and machines, even while energized.

## Applications:

- Industrial Equipment
- Generators
- Windings
- Engine Parts and Motors
- Relays and Starters
- Gas, Water and Electric Meters
- Gears and Bearings
- Production Machinery
- Power Tools
- Control Panels
- Electrical Motors
- Refrigeration Equipment
- Assemblies of Electrical Equipment
- Heating and Air Conditioning Equipment
- Printing Equipment

## Product Characteristics:

|                               |  |
|-------------------------------|--|
| Appearance:                   | Clear, colorless liquid  |
| Odor:                         | Ether like.  |
| Vapor Pressure:               | 55-75 psig @70°F estimated.  |
| Specific Gravity:             | 1.454.   |
| Solubility:                   | Not available.   |
| Flash Point:                  | None to boiling.   |
| VOC:                          | 96.45%   |
| Auto Ignition Temp:           | 788°F (420°C) estimated.   |
| Storage:                      | Store in a well-ventilated place. Keep container tightly closed. Store locked up. Protect from sunlight. |
| NFPA Code 30B Storage Rating: | Level 1 Storage Rating.  |
| <b>Transport Information:</b> |  |
| Proper Shipping Name:         | Aerosols, nonflammable, (each not exceeding 1 L capacity).   |
| UN Number:                    | UN1950   |
| Class:                        | 2.2  |
| Packing Group:                | Not applicable.  |
| Packaging Exceptions:         | 306  |

## Directions: Shake well before use.

Saturate part to be cleaned. Allow to air dry. For heavily encrusted areas, brush, then rinse off with a second application. May remove some paints, pretesting is suggested.

DO NOT USE ON PLASTICS.

*Note: Energized equipment use only. Not to be used for motorized vehicle maintenance or their parts.*

*\*\*Not for sale in California.*

## Pictograms:



## Signal Word:

DANGER

## Personal Protective Equipment Required:



## DOT Placard:








# SAFETY DATA SHEET

## 1. Product and Company Identification

|                             |   |                             |                |
|-----------------------------|---|-----------------------------|----------------|
| <b>PRODUCT NUMBER:</b>      | 1649  | <b>COMPANY PHONE:</b>       | 1-800-241-8180 |
| <b>PRODUCT NAME:</b>        | ELECTRO BLAST   | <b>EMERGENCY TELEPHONE:</b> | 1-800-241-8180 |
| <b>PRODUCT DESCRIPTION:</b> | Aerosol Safety Solvent With Blast Valve                                       | <b>INFOTRAC:</b>            | 1-800-535-5053 |
| <b>COMPANY INFORMATION:</b> | <b>PRO CHEM, INC.</b><br>1475 Bluegrass Lakes Parkway<br>Alpharetta, GA 30004 |                             |                |

## 2. Hazards Identification

|  |                                      |                |   |   |   |
|--|--------------------------------------|----------------|---|---|---|
| <b>GHS CLASSIFICATION:</b><br>Gases under pressure: Compressed gas.<br>Skin corrosion/irritation: Category 2<br>Serious eye damage/eye irritation: Category 2A<br>Germ cell mutagenicity: Category 2<br>Carcinogenicity: Category 1<br>Specific target organ toxicity, single exposure: Category 3 narcotic effects<br>OSHA defined hazards: Not classified. | <b>SIGNAL WORD:</b><br><b>DANGER</b> | <b>SYMBOL:</b> |  |  |  |
|--|--------------------------------------|----------------|---|---|---|

### HAZARD STATEMENTS:

Contains gas under pressure; may explode if heated. Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness. Suspected of causing genetic defects. May cause cancer.

### PRECAUTIONARY STATEMENTS:

**Prevention:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing gas. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.

**Response:** IF ON SKIN: Wash with plenty of water. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF EXPOSED OR CONCERNED: Get medical advice/attention. Call a poison center/doctor if you feel unwell. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

**Storage:** Store in a well-ventilated place. Keep container tightly closed. Store locked up. Protect from sunlight. Store in a well-ventilated place.

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

### ENVIRONMENTAL HAZARDS:

Hazardous To The Aquatic Environment, Acute Hazard: Category 3

Hazardous To The Aquatic Environment, Long-Term Hazard: Category 3

### HAZARDS NOT OTHERWISE SPECIFIED:

Harmful to aquatic life. Harmful to aquatic life with long lasting effects.

### SUPPLEMENTAL INFORMATION:

None.

## 3. Composition / Information on Ingredients

| CHEMICAL NAME                            | CAS      | Concentration % by Weight |
|--|----------|---------------------------|
| Trichloroethylene                        | 79-01-6  | 90-100                    |
| Carbon Dioxide                           | 124-38-9 | 1-2.5                     |
| 1,2-Butylene Oxide                       | 106-88-7 | 0.1-1                     |
| Other components below reportable levels |          | 0.1-1                     |

\*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

## 4. First Aid Measures

### EMERGENCY OVERVIEW

**GENERAL:** IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.

**EYES:** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

**SKIN:** Remove contaminated clothing. Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

### INHALATION:

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

### INGESTION:

Not likely, due to the form of the product. In the unlikely event of swallowing contact a physician or poison control center. Rinse mouth.

### MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:

May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain.

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

Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

## 5. Fire Fighting Measures

### SUITABLE FIRE EXTINGUISHING MEDIA:

Water fog. Foam. Dry chemical powder. Carbon dioxide (CO<sub>2</sub>). Use fire-extinguishing media appropriate for surrounding materials.

### UNSUITABLE FIRE EXTINGUISHING MEDIA:

None known.

### SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

During fire, gases hazardous to health may be formed.

### SPECIFIC FIRE-FIGHTING METHODS:

In case of fire: Stop leak if safe to do so. Do not move cargo or vehicle if cargo has been exposed to heat. Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out. Cool containers exposed to flames with water until well after the fire is out.

### SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

### GENERAL FIRE HAZARDS:

Contents under pressure. Pressurized container may explode when exposed to heat or flame.

## 6. Accidental Release Measures

### PERSONAL PRECAUTIONS:

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks). Wear appropriate protective equipment and clothing during cleanup. Avoid breathing gas. Emergency personnel need self-contained breathing equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see Section 8 of the SDS.

### MATERIALS AND METHODS FOR CLEANUP:

Refer to attached safety data sheets and/or instructions for use. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Isolate area until gas has dispersed. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Prevent product from entering drains. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water. Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. For waste disposal, see Section 13 of the SDS.

### ENVIRONMENTAL PRECAUTIONS:

Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

## 7. Handling and Storage

### SAFE HANDLING:

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. Ground and bond containers when transferring material. Close valve after each use and when empty. Protect cylinders from physical damage; do not drag, roll, slide, or drop. When moving cylinders, even for short distances, use a cart (trolley, hand truck, etc.) designed to transport cylinders. Suck back of water into the container must be prevented. Do not allow backfeed into the container. Purge air from system before introducing gas. Use only properly specified equipment which is suitable for this product, its supply pressure and temperature. Contact your gas supplier if in doubt. Do not reuse empty containers. Avoid breathing gas. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Should be handled in closed systems, if possible. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices.

### SAFE STORAGE & INCOMPATIBILITIES:

Level 1 Aerosol.

Store locked up. Contents under pressure. Do not expose to heat or store at temperatures above 120°F/49°C as can may burst. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. Cylinders should be stored upright, with valve protection cap in place, and firmly secured to prevent falling or being knocked over. Stored containers should be periodically checked for general condition and leakage. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).

## 8. Exposure Controls / Personal Protection

### Occupational exposure limits

#### US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

| COMPONENTS                    | TYPE | VALUE                              |
|-------------------------------|------|------------------------------------|
| Carbon Dioxide (CAS 124-38-9) | PEL  | 9000 mg/m <sup>3</sup><br>5000 ppm |

#### US. OSHA Table Z-2 (29 CFR 1910.1000)


| COMPONENTS                      | TYPE    | VALUE   |
|---------------------------------|---------|---------|
| Trichloroethylene (CAS 79-01-6) | Ceiling | 200 ppm |
|                                 | TWA     | 100 ppm |

#### US. ACGIH Threshold Limit Values

| COMPONENTS                      | TYPE | VALUE     |
|---------------------------------|------|-----------|
| Carbon Dioxide (CAS 124-38-9)   | STEL | 30000 ppm |
|                                 | TWA  | 5000 ppm  |
| Trichloroethylene (CAS 79-01-6) | STEL | 25 ppm    |
|                                 | TWA  | 10 ppm    |

#### US. NIOSH: Pocket Guide to Chemical Hazards

| COMPONENTS                    | TYPE | VALUE                                |
|-------------------------------|------|--------------------------------------|
| Carbon Dioxide (CAS 124-38-9) | STEL | 54000 mg/m <sup>3</sup><br>30000 ppm |

| US. Workplace Environmental Exposure Level (WEEL) Guides   |          | TWA                                  | 9000 mg/m <sup>3</sup> |
|--|----------|--------------------------------------|------------------------|
| COMPONENTS   |          | TYPE                                 | VALUE                  |
| Trichloroethylene (CAS 79-01-6)  |          | TWA                                  | 5000 ppm               |
| 1,2-Butylene Oxide (CAS 106-88-7)  |          | TWA                                  | 25 ppm                 |
| <b>BIOLOGICAL LIMIT VALUE:</b>   |          |                                      |                        |
| ACGIH Biological Exposure Indices  |          |                                      |                        |
| Components   | Value    | Determinant                          | Specimen               |
| Trichloroethylene (CAS 79-01-6)  | 15 mg/l  | Trichloroacetic Acid                 | Urine                  |
|  | 0.5 mg/l | Trichloroethanol, without hydrolysis | Blood                  |
| * - For sampling details, please see the source document.  |          |                                      |                        |
| <b>APPROPRIATE ENGINEERING CONTROLS:</b>   |          |                                      |                        |
| Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product. |          |                                      |                        |
| <b>INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT:</b>  |          |                                      |                        |
|   |          |                                      |                        |
| <b>EYE PROTECTION:</b> Wear safety glasses with side shields (or goggles).   |          |                                      |                        |
| <b>SKIN PROTECTION:</b> Hand: Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier. Other: Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.  |          |                                      |                        |
| <b>RESPIRATORY PROTECTION:</b> If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an air-supplied respirator.   |          |                                      |                        |
| <b>THERMAL HAZARDS:</b> Wear appropriate thermal protective clothing, when necessary.  |          |                                      |                        |
| <b>GENERAL HYGIENE CONSIDERATIONS:</b> Observe any medical surveillance requirements. When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.   |          |                                      |                        |

| 9. Physical & Chemical Properties  |                          |                               |                             |
|------------------------------------|--------------------------|-------------------------------|-----------------------------|
| Physical State:                    | Gas.                     | Flammability (solid/gas):     | Not available.              |
| Form:                              | Aerosol. Compressed gas. | Flammability Limit-upper (%): | 52% estimated.              |
| Color:                             | Not available.           | Explosive Limit – lower (%):  | Not available.              |
| Odor:                              | Not available.           | Explosive Limit – upper (%):  | Not available.              |
| Odor Threshold:                    | Not available.           | Vapor Pressure:               | 55-75 psig @70°F estimated. |
| pH:                                | Not available.           | Vapor Density:                | Not available.              |
| Melting/Freezing Point:            | Not available.           | Relative Density:             | Not available.              |
| Initial Boiling Point/Range:       | Not available.           | Solubility (water):           | Not available.              |
| Partition Coeff (n-octanol/water): | Not available.           | Auto-Ignition Temperature:    | 788°F (420°C) estimated     |
| Viscosity:                         | Not available.           | Decomposition Temperature:    | Not available.              |
| Specific Gravity:                  | 1.454 estimated.         | Explosive Properties:         | Not explosive.              |
| Flash Point:                       | Not available.           | Oxidizing Properties:         | Not oxidizing.              |
| Evaporation Rate:                  | Not available.           |                               |                             |

| 10. Stability & Reactivity Information  |  |
|---|--|
| <b>REACTIVITY:</b>  |  |
| The product is stable and non-reactive under normal conditions of use, storage and transport. |  |
| <b>CHEMICAL STABILITY:</b>  |  |
| Material is stable under normal conditions.   |  |
| <b>POSSIBILITY OF HAZARDOUS REACTIONS:</b>  |  |
| Hazardous polymerization does not occur.  |  |
| <b>INCOMPATIBLE MATERIALS:</b>  |  |
| Strong oxidizing agents.  |  |
| <b>CONDITIONS TO AVOID:</b>   |  |
| Heat. Contact with incompatible materials.  |  |
| <b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>  |  |
| No hazardous decomposition products are known.  |  |

| 11. Toxicological Information   |  |
|---|--|
| <b>PRIMARY ROUTE OF ENTRY:</b>  |  |
| <b>Eyes:</b> Causes serious eye irritation.   |  |
| <b>Skin:</b> Causes skin irritation.  |  |
| <b>Inhalation:</b> May cause drowsiness and dizziness. Headache. Nausea, vomiting. Prolonged inhalation may be harmful.                 |  |
| <b>Ingestion:</b> Expected to be a low ingestion hazard.  |  |
| <b>SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS:</b>  |  |
| May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, |  |

swelling, and blurred vision. Skin irritation. May cause redness and pain.

**ACUTE TOXICITY:**

In high concentrations, vapors are anesthetic and may cause headache, fatigue, dizziness and central nervous system effects. Narcotic effects.

| COMPONENTS                        | SPECIES                        | TEST RESULTS   |
|-----------------------------------|--------------------------------|--|
| 1,2-Butylene Oxide (CAS 106-88-7) |                                |  |
| <b>Acute</b>                      |                                |  |
| <i>Dermal</i>                     |                                |  |
| LD50                              | Rabbit                         | 1500 - 2950 mg/kg, 24 Hours<br>1.77 ml/kg, 24 Hours      |
| <i>Inhalation</i>                 |                                |  |
| <i>Vapor</i>                      |                                |  |
| LC50                              | Rat                            | > 6.3 mg/  |
| <i>Oral</i>                       |                                |  |
| LD50                              | Rat                            | 1 - 1.58 mg/kg<br>1100 µl/kg<br>1.3 ml/kg                |
| Trichloroethylene (CAS 79-01-6)   |                                |  |
| <b>Acute</b>                      |                                |  |
| <i>Dermal</i>                     |                                |  |
| LD50                              | Rat                            | 19031 mg/kg  |
| <i>Inhalation</i>                 |                                |  |
| LC50                              | Dog; Mouse; Rabbit; Rat<br>Rat | 8450 ppm, 4 Hours<br>12500 ppm, 4 Hours<br>1044 mg/l/4 h |
| <i>Oral</i>                       |                                |  |
| LD50                              | Dog; Mouse; Rat                | 2900 mg/kg   |

\* Estimates for product may be based on additional component data not shown.

**SKIN CORROSION/IRRITATION:**

Causes skin irritation.

**SERIOUS EYE DAMAGE/IRRITATION:**

Causes serious eye irritation.

**RESPIRATORY SENSITIZATION:**

Not a respiratory sensitizer.

**SKIN SENSITIZATION:**

This product is not expected to cause skin sensitization.

**GERM CELL MUTAGENICITY:**

Hazardous by WHMIS criteria. Suspected of causing genetic defects.

**CARCINOGENICITY:**

May cause cancer.

**IARC Monographs. Overall Evaluation of Carcinogenicity:**

1,2-Butylene Oxide (CAS 106-88-7): 2B Possibly carcinogenic to humans.

Trichloroethylene (CAS 79-01-6): If <1L: Consumer Commodity Carcinogenic to humans.

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):** Not regulated.

**US. National Toxicology Program (NTP) Report on Carcinogens:**

Trichloroethylene (CAS 79-01-6): Reasonably Anticipated to be a Human Carcinogen.

**REPRODUCTIVE TOXICITY:**

This product is not expected to cause reproductive or developmental effects.

**SPECIFIC TARGET ORGAN TOXICITY (single exposure):**

May cause drowsiness and dizziness.

**SPECIFIC TARGET ORGAN TOXICITY (repeated exposures):**

Not classified.

**ASPIRATION HAZARD:**

Not likely, due to the form of the product.

**CHRONIC EFFECTS:**

Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects.

**12. Ecological Information**

**ECOTOXICITY:**

Harmful to aquatic life with long lasting effects.

| COMPONENTS                        | SPECIES | TEST RESULTS  |
|-----------------------------------|---------|---|
| 1,2-Butylene Oxide (CAS 106-88-7) |         |   |
| <b>Aquatic</b>                    |         |   |
| Algae                             | IC50    | Algae 500 mg/L, 72 hours  |
| Crustacea                         | EC50    | Daphnia 69.8 mg/L, 48 hours   |
| Fish                              | LC50    | Fish 160, 96 hours  |
| Trichloroethylene (CAS 79-01-6)   |         |   |
| <b>Aquatic</b>                    |         |   |
| Crustacea                         | EC50    | Daphnia 2.2 mg/L, 48 hours  |
| Fish                              | LC50    | Fish 40.8933, 96 hours<br>Flagfish (Jordanella floridae) 3.1 mg/l, 96 hours |

\* Estimates for product may be based on additional component data not shown.

**PERSISTENCE AND DEGRADABILITY:**

No data is available on the degradability of this product.

**BIOACCUMULATIVE POTENTIAL:**

**Partition coefficient n-octanol / water (log Kow):** Trichloroethylene 2.61

**MOBILITY IN SOIL:**

No data available.

**OTHER ADVERSE EFFECTS:**

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

**13. Disposal Consideration****DISPOSAL INSTRUCTIONS:**

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

**LOCAL DISPOSAL REGULATIONS:**

Dispose in accordance with all applicable regulations.

**HAZARDOUS WASTE CODE:**

The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**WASTE FROM RESIDUES/UNUSED PRODUCTS:**

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

**CONTAMINATED PACKAGING:**

Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste-handling site for recycling or disposal. Do not reuse empty containers.

**14. Transportation Information**

**DOT:** UN Number: UN1950  
UN Proper Shipping Name: Aerosols, non-flammable, (each not exceeding 1 L capacity)  
Transport Hazard Class(es)

Class: 2.2  
Subsidiary Risk: -  
Label(s): 2.2

Packing Group: Not applicable.

Special Precautions for User: Read safety instructions, SDS and emergency procedures before handling.

Packaging Exceptions: 306

Packaging Nonbulk: None.

Packaging Bulk: None.



This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity. Until 12/31/2020, the "Consumer Commodity - ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/20 and may be used now in place of the "Consumer Commodity ORM-D" marking and both may be displayed concurrently.

**IATA:** UN Number: UN1950  
UN Proper Shipping Name: Aerosols, non-flammable  
Transport Hazard Class(es)

Class: 2.2  
Subsidiary Risk: -  
Label(s): 2.2

Packing Group: Not applicable.

Environmental Hazards: No.

ERG Code: 2L

Special Precautions for User: Read safety instructions, SDS and emergency procedures before handling.

Other Information:

Passenger and Cargo Aircraft: Allowed with restrictions.

Cargo Aircraft Only: Allowed with restrictions.

Packaging Exceptions: LTD QTY

**IMDG:** UN NUMBER: UN1950  
UN Proper Shipping Name: AEROSOLS  
Transport Hazard Class(es)

Class: 2.2  
Subsidiary Risk: -  
Label(s): 2.2

Packing Group: Not applicable.

Environmental Hazards:

Marine pollutant: No.

EmS: Not available.

Special Precautions for User: Read safety instructions, SDS and emergency procedures before handling

Packaging Exceptions: LDT QTY

**TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 and the IBC CODE:**

Not applicable.

**GENERAL INFORMATION:**

Avoid transport on vehicles where the load space is not separated from the driver's compartment. Ensure vehicle driver is aware of the potential hazards of the load and knows what to do in the event of an accident or an emergency. Before transporting product containers: Ensure that containers are firmly secured. Ensure cylinder valve is closed and not leaking. Ensure valve outlet cap nut or plug (where provided) is correctly fitted. Ensure valve protection device (where provided) is correctly fitted. Ensure adequate ventilation. Ensure compliance with applicable regulations.



**15. Regulatory Information****US FEDERAL REGULATIONS:**

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D):** Not regulated.

**CERCLA Hazardous Substance List (40 CFR 302.4):**

1,2-Butylene Oxide (CAS 106-88-7) Listed.

Trichloroethylene (CAS 79-01-6) Listed.

**SARA 304 Emergency release notification:** Not regulated.

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):** Not regulated.

**SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT of 1986 (SARA):**

**Hazard categories:** Immediate Hazard – Yes.

Delayed Hazard – Yes.

Fire Hazard – No.

Pressure Hazard – Yes.

Reactivity Hazard – No.

**SARA 302 Extremely hazardous substance:** Not listed.

**SARA 311/312 Hazardous Chemical:** No.

**SARA 313 (TRI reporting)**

| Chemical Name      | CAS #    | % by Wt |
|--------------------|----------|---------|
| Trichloroethylene  | 79-01-6  | 90-100  |
| 1,2-Butylene Oxide | 106-88-7 | 0.1-1   |

**OTHER FEDERAL REGULATIONS**

**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List:**

1,2-Butylene Oxide (CAS 106-88-7)

Trichloroethylene (CAS 79-01-6)

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):** Not regulated.

**Safe Drinking Water Act (SDWA):** Not regulated.

**US STATE REGULATIONS**

**US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100):** Not listed.

**US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a)):**

1,2-Butylene Oxide (CAS 106-88-7)

Trichloroethylene (CAS 79-01-6)

**US. Massachusetts RTK - Substance List:**

1,2-Butylene Oxide (CAS 106-88-7)

Carbon Dioxide (CAS 124-38-9)

Trichloroethylene (CAS 79-01-6)

**US. New Jersey Worker and Community Right-to-Know Act:**

1,2-Butylene Oxide (CAS 106-88-7)

Carbon Dioxide (CAS 124-38-9)

Trichloroethylene (CAS 79-01-6)

**US. Pennsylvania Worker and Community Right-to-Know Law:**

1,2-Butylene Oxide (CAS 106-88-7)

Carbon Dioxide (CAS 124-38-9)

Trichloroethylene (CAS 79-01-6)

**US. Rhode Island RTK:**

1,2-Butylene Oxide (CAS 106-88-7)

Trichloroethylene (CAS 79-01-6)

**US. California Proposition 65:**

WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

**US - California Proposition 65 - CRT: Listed date/Carcinogenic substance:**

Trichloroethylene (CAS 79-01-6) Listed: April 1, 1988

**US - California Proposition 65 - CRT: Listed date/Developmental toxin:**

Trichloroethylene (CAS 79-01-6) Listed: Jan 31, 2014

**US - California Proposition 65 - CRT: Listed date/Male reproductive toxin:**

Trichloroethylene (CAS 79-01-6) Listed: Jan 31, 2014

| Country(s) or region        | Inventory name   | On inventory (yes/no)* |
|-----------------------------|--|------------------------|
| Australia                   | Australian Inventory of Chemical Substances (AICS)                     | Yes                    |
| Canada                      | Domestic Substances List (DSL)   | Yes                    |
| Canada                      | Non-Domestic Substances List (NDSL)                                    | No                     |
| China                       | Inventory of Existing Chemical Substances in China (IECSC)             | Yes                    |
| Europe                      | European Inventory of Existing Commercial Chemical Substances (EINECS) | Yes                    |
| Europe                      | European List of Notified Chemical Substances (ELINCS)                 | No                     |
| Japan                       | Inventory of Existing and New Chemical Substances (ENCS)               | Yes                    |
| Korea                       | Existing Chemicals List (ECL)  | Yes                    |
| New Zealand                 | New Zealand Inventory  | Yes                    |
| Philippines                 | Philippine Inventory of Chemicals and Chemical Substances (PICCS)      | Yes                    |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory                          | Yes                    |

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

## 16. Other Information

### 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.



#### FOR INDUSTRIAL USE

Removes grease, dirt, oil, printing ink, tar, grime, adhesive, and resins. Will not harm most metals and painted surfaces. Do not use on plastics. Electric motors and generators may be cleaned while in use, when used in properly ventilated areas. Will not short electrical motors, generators or other electrical equipment. Not to be used for motorized vehicle maintenance, or their parts.

#### Energized equipment use only.

**USES:** Air compressors – alternators – generators – electric motors – power tools and other electrical equipment.

#### DIRECTIONS:

Spray surface with a heavy wet spray but do not allow to pool on metal. Use force of spray to loosen soil. Wipe clean.

**CAUTION:** Intentional misuse by concentrating and inhaling the product can be harmful or fatal.

#### NOT FOR SALE OR DISTRIBUTION IN CALIFORNIA.

#### KEEP OUT OF THE REACH OF CHILDREN.

See Safety Data Sheet for complete safety information.

#### PARA USOS INDUSTRIALES

Remueve grasa, suciedad, aceite, tinta de impresión, brea, adhesivos y resina. No daña la mayoría de los metales ni las superficies pintadas. No se usa con plásticos. Se pueden limpiar los motores eléctricos y generadores mientras en uso, cuando usado en áreas apropiadamente ventiladas. No provocará un cortocircuito en los motores eléctricos, generadores ni otros equipos eléctricos. No destinado a ser usado para el mantenimiento de vehículos a motor, ni para sus componentes.

#### Uso exclusivo para equipamiento eléctrico.

**USOS:** Compresores de aire – alternadores – generadores – motores eléctricos – herramientas eléctricas y otros equipos eléctricos.

#### INSTRUCCIONES:

Rociar la superficie con una capa abundante de spray sin permitir que el líquido se acumule sobre el metal. Usar la fuerza del pulverizador para aflojar la suciedad. Secar hasta que quede limpio.

**PRECAUCIÓN:** Un mal uso intencionado que conlleve la concentración e inhalación del producto puede ser nocivo o mortal.

#### NO ES PARA LA VENTA O DISTRIBUCIÓN EN CALIFORNIA.

#### MANTENER FUERA DEL ALCANCE DE LOS NIÑOS.

Mire la hoja de datos de seguridad de para la información completa de seguridad.



PLEASE RECYCLE WHEN EMPTY

Telephone Emergency:  
INFOTRAC  
1-800-535-5053

Made in the USA with globally sourced materials.

Hecho en los Estados Unidos con materiales globalmente fuentes.

Product Code: 1649



#### ELECTRO BLAST SAFETY SOLVENT



**DANGER:** Contains gas under pressure; may explode if heated. Causes skin irritation. Causes serious eye irritation. Suspected of causing genetic defects. May cause cancer. May cause drowsiness or dizziness. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. Protect from sunlight. Store in a well-ventilated place. Store locked up. Keep away from heat, sparks and flames. Do not puncture, incinerate or crush. Do not expose to heat or store at temperatures above 122°F (50°C) as container may burst. Dispose of contents/container in accordance with local/regional/national/international regulations.

**FIRST AID: IF INHALED:** Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell. **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 advice/attention. **IF ON SKIN:** Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing. **IF SWALLOWED:** Rinse mouth.

**CONTAINS (CAS No.):** Trichloroethene (79-01-6) and Carbon Dioxide (124-38-9).

**PELIGRO:** Contiene gas a presión; puede explotar si se calienta. Provoca irritación cutánea. Provoca irritación ocular grave. Se sospecha que provoca defectos genéticos. Puede provocar cáncer. Puede provocar somnolencia o vértigo. Lavarse concienzudamente tras la manipulación. Llevar guantes/prendas/gafas/máscara de protección. Pedir instrucciones especiales antes del uso. No manipular antes de haber leído y comprendido todas las precauciones de seguridad. Utilizar un equipo de protección individual, según corresponda. Evitar respirar polvos/humos/gases/nieblas/vapores/aerosoles. Utilizar únicamente en exteriores o en un área bien ventilado. Proteger de la luz solar. Almacenar en un lugar bien ventilado. Guardar bajo llave. Mantener alejado del calor, chispas y llamas. No punzar, incinerar ni aplastar. No exponga al calor o almacene a temperaturas superiores a 122°F (50°C) ya que el envase puede explotar. Eliminación de contenidos/contenedor en consonancia con los reglamentos locales/regionales/nacionales/internacionales pertinentes.

**PRIMEROS AUXILIOS: EN CASO DE INHALACIÓN:** Lleve a la persona al aire libre y manténgala en una posición confortable para respirar. Llamar a un CENTRO DE TOXICOLOGÍA o a un médico si la persona se encuentra mal. **EN CASO DE CONTACTO CON LOS OJOS:** Lavar cuidadosamente con agua durante varios minutos. Quitar las lentes de contacto cuando estén presentes y puede hacerse con facilidad. Proseguir con el lavado. Si persiste la irritación de los ojos: Consultar a un médico. **EN CASO DE CONTACTO CON LA PIEL:** Lavar con abundante agua. Si ocurre irritación de la piel: Consultar a un médico. Quitar las prendas contaminadas. **EN CASO DE INGESTIÓN:** Enjuagar la boca.

**CONTIENE (CAS NÚM):** Tricloroetano (79-01-6) y Dióxido de Carbono (124-38-9).

An Exclusive Product of: PRO CHEM, INC.  
1475 Bluegrass Lakes Pkwy. • Alpharetta, GA 30004  
1-800-241-8180

TO REORDER CALL 1-800-241-8180  
www.procheminc.com

PRO  
CHEM

# ELECTRO BLAST

## SAFETY SOLVENT



**NON-FLAMMABLE • FAST DRYING  
FOR ENERGIZED EQUIPMENT USE ONLY**

**30,000 VOLT  
DIELECTRIC STRENGTH  
NO INFLAMABLE • DE SECADO RÁPIDO  
PARA USO EXCLUSIVO EN  
EQUIPAMIENTO ELÉCTRICO  
30,000 VOLTIOS RESISTENCIA  
DIELECTRICA**

**DANGER / PELIGRO:**  
MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION /  
PUEDE CAUSAR IRRITACIÓN A LOS OJOS, PIEL  
Y A LAS VÍAS RESPIRATORIAS.  
CONTENTS UNDER PRESSURE /  
CONTENIDO BAJO PRESIÓN.

Read carefully other cautions on back panel /  
Lea cuidadosamente otras precauciones en el panel posterior.  
NET WT./PESO NETO 20 OZ. (1 LB. 4 OZ.) 567 g