



# CYCLO<sup>®</sup> INDUSTRIES, INC

## MATERIAL SAFETY DATA SHEET

This MSDS is being provided to your company for the purpose of providing current health and safety information to your management and for your employees who work with this product. Please read the information on these sheets and then provide this information to those people at your company whose responsibility it is to comply with FEDERAL, STATE and COMMUNITY RIGHT TO KNOW regulations. Also, make this information available to any employee who requests it.

If Cyclo Industries, Inc. considers the formula of this product to be a trade secret, the exact chemical names of the ingredient(s) and the percentages in which they are combined will not appear in the body of this sheet. The exact composition is available upon request to physicians, industrial hygienists and other health professionals.

### SECTION 1 - PRODUCT & COMPANY IDENTIFICATION

**Product Name:** Cyclo<sup>®</sup>Faster Super Penetrant, Stock No. C-400

**Product Use:** Loosens rust, tar, grease, dirt, carbon deposits and corrosion from metal parts.

**Manufactured by:** Cyclo Industries, Inc.  
10190 Riverside Drive, Palm Beach Gardens, Florida 33410-4881  
Telephone: (561) 775-9600

**First Aid Emergency:** (800) 752-7869 or (312) 906-6194

**Shipping Emergency:** (800) 424-9300 or (703) 527-3887 (CHEMTREC)

### SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

| CAS Reg. No. | Material                       | Percentage | Exposure Limits  |
|--------------|--------------------------------|------------|--|
| 64742-47-8   | Hydrotreated light distillates | 85 - 100   | None established   |
| 11-28-01     | Oleic acid                     | 0 - 5      | None established   |
| 124-38-9     | Carbon dioxide                 | 0 - 5      | 5000 ppm = OSHA PEL TWA (exposures <10,000 ppm to be cited de minimus) |

### SECTION 3 - HAZARDS IDENTIFICATION

**Emergency Overview:** Contents under pressure. Keep away from heat, sparks and flame. This material is a skin irritant.

**Carcinogenicity:** NTP Carcinogen = No; IARC Monographs = No; OSHA Regulated = No

**SECTION 4 – FIRST AID MEASURES****First Aid Procedures:**

- Ingestion:** If swallowed, do NOT induce vomiting. Call a physician immediately. Never give anything by mouth to an unconscious person. Get medical attention. If vomiting occurs, keep head lower than hips to prevent aspiration.
- Skin Contact:** Wash with soap and water for 15 minutes. If irritation persists or signs of toxicity occur, seek medical attention. Remove contaminated clothing and shoes and launder before reuse.
- Inhalation:** If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Get medical attention.
- Eye Contact:** In case of contact or suspected contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention immediately after flushing.

**SECTION 5 – FIRE FIGHTING MEASURES****Flash Point:** >100°F (38°C)**Method Used:** TAG Closed Cup**Flammable Limits in Air by Volume:** Lower Limit = 0.9%

Upper Limit = Not Determined

**Extinguishing Media:** Carbon dioxide, foam. Use water spray to keep containers cool that are exposed to heat or flames.**Special Fire Fighting Procedures:** Wear approved positive-pressure self-contained breathing apparatus and protective clothing.**HMIS Code:** Health = 1      Flammability = 2      Physical Hazard = 2**NFPA Rating:** Health = 1      Flammability = 2      Reactivity = 0**SECTION 6 – ACCIDENTAL RELEASE MEASURES****Personal Precautions:** Wear appropriate protective clothing and equipment to prevent skin and eye contact.**Spill/Leak Procedures:** Contain any liquid from leaking containers. Avoid all sources of ignition, heat, sparks and open flames. Do not puncture or incinerate containers. Contents under pressure. Wear proper protective equipment as specified in the protective equipment section. Remove sources of ignition. Leaking containers should be removed to an isolated well-ventilated area and transferred to other suitable containers. Wipe, scrape or soak up in an inert material and put in a container intended for flammable materials for disposal.**Environmental Precautions:** Do not allow to enter sanitary drains, sewer or surface and subsurface waters. Keep out of lakes, ponds or streams.**SECTION 7 – HANDLING AND STORAGE****Handling & Storage Procedures:** Contents under pressure. Keep away from heat and open flame. Use only in a well ventilated area. Avoid breathing vapors, if exposed to high vapor concentration, leave area at once. Avoid contact with skin and eyes. Do not puncture, incinerate or store above 120°F (49°C). Exposure to high temperatures may cause bursting. DO NOT store in the passenger compartment of an automobile. See product label for additional information. KEEP OUT OF THE REACH OF CHILDREN.

**SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Respiratory Protection:** Do not breathe mist or vapor. Use in a well ventilated area. Appropriate respiratory protection shall be worn when applied engineering controls are not adequate to protect against inhalation exposure.

**Ventilation:** Use in a well ventilated area. Local exhaust ventilation as necessary to maintain exposures to within applicable limits.

**Skin Protection:** Avoid skin contact. Wear protective clothing and gloves.

**Eye Protection:** Chemical goggles; also wear a face shield if splashing hazard exists.

**Work/Hygienic Practices:** Eye washes and safety showers in the workplace are recommended.

**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

**Boiling Point:** >300°F (liquid) (149°C)

**Specific Gravity (H<sub>2</sub>O=1):** 0.76 @ 60°F (liquid)

**Solubility in Water:** Moderate

**Evaporation Rate (Butyl Acetate = 1):** Not determined

**Appearance and Odor:** Colorless to pale yellow liquid with hydrocarbon odor

**Volatile Organic Compound (VOC) (as packaged minus water):** 49.2%

**SECTION 10 – STABILITY AND REACTIVITY**

**Stability:** Stable

**Conditions to Avoid:** Keep away from heat, sparks and flame. Avoid any source of ignition. Do not expose to heat or store at temperatures above 120°F.

**Incompatibility (materials to avoid):** Strong oxidizing agents.

**Hazardous Decomposition or Byproducts:** Carbon monoxide, carbon dioxide, oxides of carbon and nitrogen. Avoid extreme heat.

**Hazardous Polymerization:** Will not occur.

**SECTION 11 – TOXICOLOGICAL INFORMATION**

**Toxicological Data:** Long-term toxicological studies have not been conducted for this product. See Section 3 of this MSDS for acute symptoms of overexposure and carcinogenicity information.

**SECTION 12 - ECOLOGICAL INFORMATION**

**Aquatic/Terrestrial Toxicity Environmental Fate** No data is available at this time.

**SECTION 13 - DISPOSAL CONSIDERATIONS**

**Waste Disposal Method:** Dispose of in accordance with local, state and federal regulations. Before attempting clean up, refer to other sections of this MSDS for hazard caution information.

**SECTION 14 - TRANSPORT INFORMATION****U.S. DOT**

**Shipping Description:** Aerosols, Consumer Commodity ORM-D  
**ID Number:** Not applicable  
**Hazard Class:** ORM-D  
**Packing Group:** Not applicable  
**Label:** Not applicable  
**Placards:** Not applicable

**IMDG**

**Shipping Description:** Aerosols, Ltd. Qty.  
**ID Number:** UN1950  
**Hazard Class:** 2  
**Packing Group:** Not applicable  
**Label:** Not applicable  
**Markings:** Not applicable  
**Placards:** Not applicable

**SECTION 15 - REGULATORY INFORMATION**

**TSCA Inventory:** All components of this product are listed on the Toxic Substance Control Act (TSCA) Inventory of chemical substances maintained by the U.S. Environmental Protection Agency.

**SARA Extremely Hazardous Substances** None

**SARA Section 313** This product contains the following toxic chemical subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372 (SARA 313 - Toxic Chemical Release Reporting)

| <u>Chemical Name</u> | <u>CAS#</u> | <u>Weight %</u> |
|----------------------|-------------|-----------------|
| None                 |             |                 |

**CERCLA/Superfund (RQ):** This product is not subject to CERCLA reporting requirements. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

**California Proposition 65:** This product does not contain chemicals known to the State of California to cause cancer, birth defects and other reproductive harm.

**SECTION 16 - OTHER INFORMATION**

**Document Date:** June 21, 2004

**Supersedes:** New

**Revisions:** Not applicable

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