

CYCLO[®] INDUSTRIES, LLC

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, LLC 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: Tanner's Preserve[®] Leather Conditioning Cream, Stock No. 65893

Product Use: Leather Treatment

Manufactured by: Cyclo Industries, LLC
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
107-21-1	Ethylene glycol	0.01 – 2	100 mg/m ³ (aerosol)
Mixture	Organo-polydimethylsiloxanes	5 – 10	None Established
57-55-6	Propylene Glycol	5 – 10	None Established

SECTION 3 – HAZARDS IDENTIFICATION

Effects of Overexposure:

Ingestion: May cause irritation of the mouth and throat and other harmful effects

Skin Contact: Prolonged skin contact may cause irritation

Eye Contact: Direct contact may cause eye irritation.

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

SECTION 4 – FIRST AID MEASURES

First Aid Procedures:

- Ingestion:** Get immediate medical attention by calling a physician, Poison Control Center or hospital emergency room. If medical advice cannot be obtained, then take the person and product to the nearest medical emergency treatment center or hospital. Never give anything by mouth to a person who is unconscious or drowsy.
- Skin Contact:** Wash all affected and exposed areas with soap and water. If irritation develops, seek medical attention.
- Inhalation:** If symptoms of exposure develop, remove to fresh air. If breathing becomes difficult, administer oxygen. Administer artificial respiration if breathing has stopped. Seek medical attention.
- Eye Contact:** Exposed eyes should be immediately flushed with copious amounts of water using a steady stream for a minimum of 15 minutes. If irritation, pain, swelling or tearing develops, seek medical attention.

Notes to Physician: Treatment of overexposure should be directed at the control of symptoms and the clinical conditions of the patient. Ingestion of very large amounts of this product may lead to ethylene glycol toxicity and subsequent renal damage. Consult your Poison Control Center.

SECTION 5 – FIRE FIGHTING MEASURES

Flash Point: >232°F (>111°C)

Flammable Limits in Air by Volume:

Lower Flammable Limit = Not determined Upper Flammable Limit = Not determined

Extinguishing Media: Alcohol foam, CO₂, dry chemical, water fog to extinguish fire. High pressure water or foam may cause frothing.

Special Fire Fighting Procedures: Use self-contained breathing apparatus when entering a confined space. Cool fire exposed containers and structures with water.

Unusual Fire and Explosion Hazards: None known.

Auto-ignition Temperature: Not determined.

Explosion Data: Not an explosion hazard.

HMIS Code: Health = 1 Flammability = 1 Reactivity = 0

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Spill/Leak Procedures: Wear appropriate personal protective equipment. Collect material for disposal in a suitable container. Do not allow runoff to discharge into streams or sewer systems.

SECTION 7 – HANDLING AND STORAGE

Handling Procedures: Avoid contact with eyes. Avoid prolonged or repeated skin contact. Avoid breathing mists. Wash exposed skin with soap and water after use. Keep container closed when not in use. “Empty” containers retain product residue and can be hazardous. Do not re-use empty containers without proper cleaning. **KEEP OUT OF THE REACH OF CHILDREN.**

Storage Procedures: Store in a cool, dry, well-ventilated areas. Keep away from excessive and open flames.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory Protection: None needed under normal use conditions. If significant quantities of mist are generated, a NIOSH/MSHA approved organic vapor respirator with a dust/mist pre-filter is recommended. Equipment selection depends on contaminant type and concentration, select in accordance with 29 CFR 1910.134 and good industrial hygiene practice. For firefighting, use self-contained breathing apparatus.

Ventilation: General ventilation should be adequate for normal use. For specific operations where the exposure limit may be exceeded, local exhaust ventilation is recommended.

Protective Gloves: Impervious gloves such as rubber are recommended where needed to prevent prolonged or repeated contact.

Eye Protection: Safety glasses or splash-proof goggles recommended if needed to prevent eye contact.

Other Protective Equipment: Protective clothing if needed to avoid prolonged / repeated skin contact. Contaminated clothing should be removed and laundered before re-use.

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

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: >219°F (>99°C) **Specific Gravity (H₂O=1):** 0.9996

Vapor Pressure: Not determined **Vapor Density:** 2.1

Solubility in Water: 100% **pH:** Not determined

Percent Volatile By Volume (%): 18.5 – 20.5 **Viscosity:** Not determined

Evaporation Rate (Butyl Acetate = 1): 1.35 **Freezing Point:** Not determined

Appearance and Odor: Tan flowable cream with characteristic odor

SECTION 10 – STABILITY AND REACTIVITY

Stability: Stable

Incompatibility (materials to avoid): Strong oxidizing agents

Hazardous Decomposition or Byproducts: Carbon monoxide, carbon dioxide, oxides of silicone and oxides of nitrogen may result from product combustion.

Hazardous Polymerization: Will not occur

SECTION 11 – TOXICOLOGICAL INFORMATION

Oral Toxicity: Accidental ingestion of a small amount of this product is expected to have little acute toxicity. May cause mild mouth, throat and gastrointestinal irritation. Ingestion of large amounts may result in ethylene glycol toxicity with symptoms of abdominal discomfort or pain, nausea, dizziness, drowsiness, visual disturbance, irritability, back pain, decrease in urine output, kidney failure and central nervous system effects. A delayed red skin rash may develop.

Eye Irritation: May cause irritation with possible excess tearing, reddening and swelling of the conjunctiva and possibly corneal injury.

Skin Irritation: Prolonged skin contact may cause moderate irritation.

Dermal Toxicity: No information available. No adverse effects expected.

Inhalation Toxicity: May cause irritation to mucous membranes, headache and nausea.

Acute Toxicity Values: Ethylene Glycol: LD50 Oral rat: 4,700 mg/kg
LD50 Skin rabbit: 9,530 mg/kg
Organo-polydimethylsiloxanes: No toxicity data available
Propylene Glycol: LD50 Oral rat: 20 gm/kg
LD50 Skin rabbit: 20.8 gm/kg

Sensitization: Based on data from the components, this product is not expected to cause skin sensitization.

Chronic Toxicity: None currently known

Carcinogenicity: No evidence of carcinogenicity from available information.

Mutagenicity: No evidence of mutagenicity from available information.

Reproductive Toxicity and Teratogenicity: Ethylene glycol has been found to cause birth defects in laboratory animals. The significance of this finding to humans has not been determined.

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: None – Not Regulated
ID Number: None
Hazard Class: None
Packing Group: None
Label: None
Placards: None

IMDG Shipping

Description: None – Not Regulated
ID Number: None
Hazard Class: None
Packing Group: None
Label: None
Markings: None
Placards: None

SECTION 15 – REGULATORY INFORMATION

TSCA Inventory: All of the components of this product are listed on the TSCA inventory. This product is not subject to export notification.

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>
Ethylene Glycol	107-21-1	2 Max.

CERCLA/Superfund (RQ): Spills of this product over the RQ (reportable quantity) must be reported to the National Response Center. The RQ for the product, based on the RQ for Ethylene Glycol (2% maximum) of 5,000 lbs., is 250,000 lbs. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

SECTION 15 – REGULATORY INFORMATION continued

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

Canada: All of the components of this product are listed on the Canadian Domestic Substances List (DSL).

SECTION 16 – OTHER INFORMATION

Document Date: February 11, 2003

Supersedes: July 27, 1999

Revisions: Section 1 - New owner information, first aid telephone number; Section 5 – Added HMIS Code; Section 16 Removed HMIS Code, new owner information

Cyclo Industries, LLC provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgement in determining its appropriateness for a particular purpose. Cyclo Industries, LLC makes no representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose with respect to the information set forth herein or to the product to which the information refers. Accordingly, Cyclo Industries, LLC will not be responsible for damages resulting from use of or reliance upon this information.