

# MATERIAL SAFETY DATA SHEET

**HAZARD RATINGS**  
Health: 2  
Flammability: 0  
Reactivity: 1  
Personal Protection: B

NOTICE: Judgment may be based on indirect test and technical literature. The OSHA Hazard Communication Standard only requires MSDS's and special labeling for materials defined as "HAZARDOUS"; see 29 CFR 1910.1200 (c). This document may be about a product which is NOT hazardous but is provided as information for our customers. See references for information.

## SECTION I. PRODUCT IDENTIFICATION

Product Identifier: TCS Restoration Pro  
Product VOC: 36 g/L  
Manufactured for: Truckmounts & Cleaning Solutions Inc.  
5901 Goshen Springs Road  
Suite B  
Norcross, GA 30071

Product Identification #(PIF): 008  
Emergency Telephone #: 1-800-981-2855  
General Information #: 1-800-981-2855  
Prepared by: Sonya Lockhart  
Date Prepared: 10/27/03

## SECTION II. HAZARDOUS INGREDIENTS

		CAS #	OSHA/PEL	TLV	STEL	max. %
1.	Ethylene Glycol Butyl Ether	111-76-2	50 ppm/skin	25 ppm	NE	2-6
2.	Sodium Metasilicate	6834-92-0	2mg/m <sup>3</sup>	2mg/m <sup>3</sup>	NE	0-4

## SECTION III. HEALTH HAZARD INFORMATION

.....Primary Routes of Entry: X Skin Absorption X Eyes    Inhalation    Ingestion

◆ *Effects of overexposure:*

- Eye Contact: Corrosive to eyes.
- Skin Contact: Corrosive to body tissues. Dermatitis may result from repeated exposure.
- Inhalation: High Vapors may cause irritation to respiratory tract and result in CNS depression.
- Ingestion: May cause irritation and/or burning to the entire gastrointestinal tract, CNS depression, pain bleeding and ulceration.

## SECTION IV. EMERGENCY FIRST AID

- ◆ *Eyes:* Flush well with water for at least 15 minutes. Get medical help if irritation persists.
- ◆ *Skin:* Wash well with soap and water for 15 minutes.
- ◆ *Inhalation:* Move to fresh air.
- ◆ *Ingestion:* Drink lots of water to dilute, **DO NOT INDUCE VOMITING.** Get medical help.

## SECTION V. FIRE & EXPLOSION DATA

Flammability: NOT FLAMMABLE  
Means of extinction: Water spray, dry chemicals.  
Autoignition Temperature: NA  
Hazardous combustion products: Carbon monoxide, carbon dioxide.  
◆ *Special Fire Fighting Procedures:* Wear a self-contained breathing apparatus; avoid breathing vapor (fumes) of heated product.  
◆ *Unusual Fire Fighting Hazard:* NONE.

Flash Point: NA  
Upper Flammability Limit (% by volume): NA  
Lower Flammability Limit (% by volume): NA

## SECTION VI. REACTIVITY DATA

Chemical stability: Stable  
Hazardous polymerization: Will not occur.  
Reactivity, and under what conditions? Prolonged contact with metals such as aluminum, tin, lead, and zinc, may produce flammable hydrogen gas.  
Incompatibility with other substances: Strong acids and strong oxidizing agents.  
Hazardous decomposition products: Thermal decomposition: Carbon dioxide, and carbon monoxide.

## SECTION VII. HANDLING & STORAGE

*Storage:* Keep container closed, when not in use. Keep away from heat, flame, or sunlight. Protect from physical damage.  
*Handling:* Do not premix with other chemicals. Exercise reasonable care and precaution. Keep out of reach of children.

**SECTION VIII. EXPOSURE CONTROL/PERSONAL PROTECTION**

Personal protective equipment: Use rubber gloves and eye protection.

Gloves (specify): Chemical resistant gloves

Eye (specify): Chemical resistant eye ware

Clothing (specify): Normal materials handling clothing.

Respirator (specify): NA

Footwear (specify): Chemical resistant shoes

Other: Emergency shower/eyewash close-by.

**SECTION IX. SPECIAL PRECAUTIONS/ OTHER COMMENTS**

Carefully read all instructions on label before handling this product. "FOR INDUSTRIAL USE ONLY"

**SECTION X. PHYSICAL DATA**

Boiling point: >212<sup>0</sup>F

Specific Gravity, (water + 1.0): 1.02

% Volatile/ volume: 96%

Solubility: Complete

Description/odor: Clearblue liquid with citrus odor.

Vapor Density: (Air = 1): ND

pH, Neat: 12.6

Vapor Pressure: ND

Evaporation Rate: ND

**SECTION XI. TOXICOLOGICAL INFORMATION**

◆Effects of acute exposure to product: May result in temporary irritation.

◆Effects of chronic exposure to product: Dermatitis may result from repeated exposure. May cause blood changes leading to anemia, kidney and liver damage.

**SECTION XII. ECOLOGICAL INFORMATION**

Sodium Metasilicate: LC50 (96 hour) (Mosquitofish) = 530 mg/L, LC50 (48 hour) (Water Flea) = 113 mg/L

**SECTION XIII. ACCIDENTAL RELEASE MEASURES/ DISPOSAL INFORMATION**

Large spills cannot occur because of packaging. Dam up spill and neutralize with weak acid such as citric acid. Material should be soaked onto absorbent and shoveled into non-metal waste containers. Dispose of contaminated absorbent material in accordance to local, state and federal regulations. Do not release to open, public waters.

**SECTION XIV. TRANSPORT INFORMATION**

Not Regulated.

**SECTION XV. REGULATORY INFORMATION**

**SARA TITLE II REPORTING REQUIREMENTS**

SECTION 302: Not Listed

SECTION 311: Immediate, Delayed Health

SECTION 312: Immediate, Delayed Health

SECTION 313: Listed (Ethylene Glycol Butyl Ether)

CERCLA: This product is not reportable.

RCRA: A waste containing this product may have the RCRA hazardous waste no. D002 (Corrosive) (40 CFR 261.22)

**SECTION XVI. ADDITIONAL INFORMATION**

NONE.....

The information contained herein is based on data available to us and is believed to be correct. We make no warranty, however, expressed or implied regarding the accuracy of these data or the results obtained from the use thereof.

Regulatory Standards: DOT TITLE 49, Code of Federal Regulations 172.101: Parts 100 to 177, Revised 10/1/92.

SUPER FUND AMENDMENTS REAUTHORIZATION ACT OF 1986, TITLE III TOXIC SUBSTANCE CONTROL ACT LIST (TSCA)- INGREDIENTS LISTED. REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES NATIONAL TOXICOLOGICAL PROGRAM (NTP) REPORT OF CARCINOGENS INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) MONOGRAPHS, OCCUPATIONAL SAFETY & HEALTH REGULATIONS. CODE OF FED. REGS. FOOD & DRUG, 21 PARTS 170 to 199, Revised 4/1/91, 173.310.