

MATERIAL SAFETY DATA SHEET

State Chemical Division – State Industrial Products
5915 Landerbrook Drive, Suite 300 Mayfield Hts., Ohio 44124-4034 -- 866-747-2229

State Chemical Ltd.
1745 Meyerside Dr., Unit #1, Mississauga, Ontario L5T 1C6
(905) 670-4669

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: **FIX “TERG-O-CIDE IN A CAN”
FIX “TERG-O-CIDE”**

Product Description: An aerosol cleaner, deodorizer, disinfectant
EPA Registration Number: 70799- 9 or 10900-57-70799
Canadian PCP Number: 24472

24 Hour Emergency CHEMTREC Number: 800-424-9300
MSDS Number: 700108
EPA Establishment Number: 10900-OH-1
Canadian DIN Number: 02298910

2. COMPOSITION/INFORMATION ON INGREDIENTS

Active Ingredients

Alkyl (60% C14, 30% C16, 5% C12, 5% C18) Dimethyl Benzyl Ammonium Chloride
Alkyl (68% C12, 32% C14) Dimethyl Ethylbenzyl Ammonium Chloride

CAS Number

68391-01-5
68956-79-6

Weight

0.10%
0.10%

ACGIH

NE
NE

OSHA

NE
NE

Hazardous Ingredients

Ethylene Glycol Monobutyl Ether
Propane
Butane / Isobutane
Tetrasodium EDTA
Diethylene Glycol Monoethyl Ether

CAS Number

111-76-2
74-98-6
106-97-8 / 75-28-5
64-02-8
111-90-0

Weight

< 5.0%
< 3.0%
< 5.0%
< 5.0%
< 5.0%

ACGIH

25 ppm
2500 ppm
800 ppm
2 mg/m3
25 ppm

OSHA

25 ppm
1000 ppm
800 ppm
2 mg/m3
25 ppm

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Contents under pressure. Do not puncture, incinerate or expose to temperature above 120°F(49°C). Causes moderate eye irritation. Harmful if swallowed or absorbed through skin.

POTENTIAL HEALTH EFFECTS

Eye Contact: Causes moderate eye irritation.
Skin Contact: May cause skin irritation. Contains 2-Butoxyethanol which may be absorbed through skin.
Inhalation: May cause irritation of the respiratory tract. Symptoms of overexposure are drowsiness, dizziness, headache, nausea, vomiting and in-coordination.
Ingestion: Harmful if swallowed.
General: Long term exposure to 2-Butoxyethanol may cause blood cell abnormalities; lung, liver, kidney or nervous system damage.

4. FIRST AID MEASURES

Have the product container or label with you when calling a poison control center or doctor or going for treatment.

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. Call a poison control center or doctor for treatment advice.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have a person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for treatment advice.

5. FIRE FIGHTING MEASURES

Flashpoint: No flame extension.

Lower Explosive Limit(LEL): 1.1 Upper Explosive Limit(UEL): 10.6 Autoignition Temperature: NA

Flammable Properties: Contents under pressure. Do not puncture, incinerate or expose to temperature above 120°F. Closed containers may explode when exposed to extreme heat.

Extinguishing Media: Carbon Dioxide, dry chemical, alcohol foam.

Fire Fighting Instructions: Wear self-contained breathing apparatus and full protective clothing. Water may be used to cool closed containers to prevent possible explosion when exposed to extreme heat.

6. ACCIDENTAL RELEASE MEASURES

Remove sources of ignition. Ventilate area.. Use absorbent to pick up residue and dispose of properly. Dispose of in accordance with Federal, State and local regulations regarding pollution.

7. HANDLING AND STORAGE

Handling: Keep away from heat, flames, sparks or other sources of ignition. Vapors may ignite explosively at ambient temperatures. Use approved grounding procedures. Contents under pressure. Do not puncture, incinerate or expose to temperature above 120°F. Do not take internally. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

Storage: Keep away from sunlight, heat and all sources of ignition. Keep out of reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Use general or local ventilation to keep exposure levels below exposure limits.

Personal Protective Equipment:

Respiratory: If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials listed in Section 2.

Eye: Wear approved safety glasses with side shields.

Skin: Wear chemical resistant gloves for long or repeated contact.

Other: An emergency eyewash station or source of clean potable water should be available in case of accidental eye contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White to pale yellow foam.	Odor:	Fragrant.
Physical State:	Liquid aerosol.	pH:	NA
Vapor Pressure:	NA	Vapor Density:	Heavier than air.
Solubility in Water:	100%	Specific Gravity:	0.96 – 1.00

10. STABILITY AND REACTIVITY

Stability:	Stable.
Hazardous Polymerization:	Will not occur.
Conditions to Avoid:	Heat, sparks, flames or other sources of ignition.
Incompatibility:	None expected.
Hazardous Decomposition Products:	Carbon Dioxide, Carbon Monoxide.

11. TOXICOLOGICAL INFORMATION

IARC / NTP / OSHA: This product contains no ingredients at 0.1% or greater that is listed as a human carcinogen.

<u>Ingredients</u>	<u>CAS Number</u>	<u>LD50</u>	<u>LC50</u>
Alkyl (60% C14, 30% C16, 5% C12, 5% C18) Dimethyl Benzyl Ammonium Chloride	68391-01-5	250 mg/kg (oral rat)	3400 mg/kg (rabbit)
Alkyl (68% C12, 32% C14) Dimethyl Ethylbenzyl Ammonium Chloride	68956-79-6	3400 mg/kg (oral rabbit)	86 mg/l/1 hr (rat)
Ethylene Glycol Monobutyl Ether	111-76-2	1480 mg/kg (oral rat)	700 ppm/7 hr (mouse)
Propane	74-98-6	NE	NE
Butane / Isobutane	106-97-8 / 75-28-5	NE	658 mg/l/4 hr (rat) / 52 mg/kg 1 hr (mouse)
Tetrasodium EDTA	64-02-8	3030 mg/kg rat	NE
Diethylene Glycol Monoethyl Ether	111-90-0	5500 mg/kg rat	NE

12. ECOLOGICAL INFORMATION

NA

13. DISPOSAL CONSIDERATIONS

Do not incinerate. Depressurize container. Dispose of in accordance with Federal, State and local regulations regarding pollution.

14. TRANSPORT INFORMATION

DOT Shipping Data:	Consumer Commodity, ORM-D. After 12/31/13: Ship: Limited Quantity
Canadian TDG:	Shipped in accordance with 49 CFR as part of a transborder shipment authorized under Section 5.2 (1) of the Canadian Transportation of Dangerous Goods.
For International Shipments by Air:	Aerosols, NonFlammable, 2.2, UN1950.
For International Shipments by Vessel:	Aerosols, NonFlammable, 2.2, UN1950, Limited Quantity

15. REGULATORY INFORMATION

TSCA:	All ingredients in this product are listed or exempt from listing on the TSCA Chemical Inventory.
CEPA:	All ingredients in this product are listed or exempt from listing on the Canadian DSL/NDL.
Proposition 65:	This product contains no chemicals known to the state of California to cause cancer, birth defects or other reproductive harm.
SARA 313:	This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40CFR372): Glycol Ethers < 10%

HMIS CLASSIFICATION: Health = 2 Flammability = 2 Reactivity = 0 Personal Protection = B

WHMIS CLASSIFICATION: Not regulated by WHMIS.

16. OTHER INFORMATION

NA = Not Available or Not Applicable

NE = Not Established

Read and follow all label directions and precautions before using the product. These products are intended for industrial and institutional use only. NOT FOR HOUSEHOLD USE OR RESALE. KEEP OUT OF THE REACH OF CHILDREN. While we believe that the data contained herein is factual and the opinions expressed are those of qualified experts, the data are not to be taken as a warranty or representation for which the company assumes legal responsibility. They are offered solely for your consideration, investigation, and verification. Any use of these data and information must be determined by the user to be in accordance with applicable Federal, State, and Local Laws and regulations.

HEALTH AND SAFETY INFORMATION: (216) 861-7114

Prepared On: October 2013

Replaces: October 2010

Completed By: Regulatory Affairs Specialist