



# TC-G TRI-CLEAN

Written by Super User. Posted in **MSDS SHEETS**

## SECTION I - PRODUCT IDENTIFICATION

Product Name: **TC-G TRI-CLEAN**

Revision: 10/22/98

## SECTION II - HAZARDOUS INGREDIENTS & OTHER COMPONENTS

<b>INGREDIENT CHEMICAL NAME</b>	<b>OSHA PEL</b>	<b>ACGIH TLV</b>	<b>OTHER LIMITS RECOMMENDED</b>	<b>CAS NUMBER</b>
n-Propanol	200ppm	200ppm		71-23-8
+2-Butoxyethanol	25ppm	25ppm		111-76-2
Propylene Glycol	N/A	N/A		5131-
n-Butyl Ether				66-8
Nonylphenol	N/A	N/A		9016-
Polyethoxylate				45-9

## SECTION III - PHYSICAL DATA / CONTENTS WITHOUT PROPELLENT

**BOILING POINT:** Approx. 216°F

**SPECIFIC GRAVITY (H2O=1):** .99 typical

**VAPOR PRESSURE (mm Hg):** N/A

**MELTING POINT:** N/A

**VAPOR DENSITY (AIR = 1):** Heavier than  
air

**EVAPORATION RATE (Butyl Acetate =  
1):** Slower than ether

**SOLUBILITY IN WATER:** N/A

**APPEARANCE AND ODOR:** N/A

## SECTION IV: FIRE AND EXPLOSION HAZARD DATA

**FLASH POINT (METHOD  
USED):** 119°F

**FLAMMABLE LIMITS** Class II Combustible Liquid

**EXTINGUISHING MEDIA:** WATER FOG                      STANDARD FOAM x                      CO<sub>2</sub> x

DRY CHEMICAL x                      HALON

**UNUSUAL FIRE AND EXPLOSION  
HAZARDS:**

Empty containers with residual amounts of material are still potentially flammable. Pressure may develop in closed containers if overheated. Flammable liquids may release vapors which can form a flammable mixture with air at or above the flashpoint.

**SPECIAL PRECAUTIONARY  
STATEMENTS:****SECTION V: REACTIVITY DATA**

**STABILITY:** x Stable Unstable

**Incompatibility :** Strong oxidizers like chlorine.

**Hazardous Decomposition:** Fumes, smoke, COx, oxides of other organic elements.

**HAZARDOUS  
POLYMERIZATION:** May Occur xWill not occur

**Conditions to Avoid:** High heat, sparks, open flame and other sources of ignition. Avoid high temperatures, direct heat.

**SECTION VI: HEALTH HAZARD DATA****ROUTES OF ENTRY & HEALTH HAZARDS (ACUTE AND CHRONIC)**

**INGESTION:** Ingestion may cause gastrointestinal distress, pain, etc. Overexposure to certain components in this product may cause or aggravate pre-existing kidney, blood or liver effects. Pre-existing lung disorders may be aggravated by exposure. Health studies have shown that many chemicals pose human health risks which may vary from person to person. Prolonged or repeated occupational overexposure to solvents may cause permanent brain and nervous system damage. Intentional misuse by deliberate concentration and inhalation of contents may be harmful or fatal. Exposure to liquids, vapors, or mists should be minimized.

**EYES:** May cause irritation.

**INHALATION:** Inhalation of high vapor concentrations may result in nose, throat, and respiratory tract irritation.

**SKIN:** May cause irritation.

**EMERGENCY AND FIRST AID PROCEDURES**

- INGESTION:** If swallowed, do not induce vomiting, get medical attention immediately.
- EYES:** Flush with running water for 15 minutes, holding lid open to expose surface of eye, contact physician.
- INHALATION:** If affected by vapors or spray mists, remove to fresh air at once. Apply artificial respiration if necessary, contact physician immediately.
- SKIN:** Remove contaminated clothing and shoes, wash with mild soap and water.

**SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE**

- STEPS TO BE TAKEN IN CASE LARGE AMOUNTS ARE RELEASED:** Remove ignition sources. Dike and take up with absorbent material like earth or floor dry. Ensure adequate ventilation, avoid buildup of vapors.
- WASTE DISPOSAL METHOD:** Dispose in accordance with local, state, and federal regulation.
- PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** All containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.
- OTHER PRECAUTIONS:** Keep containers closed when not in use. Do not use or store near open flame or strong oxidizers. Avoid breathing vapors or spray mists. Avoid prolonged or repeated personal contact. Wash thoroughly after use.

**SECTION VIII: CONTROL MEASURES**

- RESPIRATORY PROTECTION:** None required in normal use, but an appropriate, properly fitted NIOSH/MSHA approved respirator should be used when exposure exceeds published standards.
- VENTILATION:** Control airborne concentrations below exposure guidelines. Local exhaust ventilation may be necessary.
- LOCAL EXHAUST:** N/A
- PROTECTIVE GLOVES:** Chemical resistant as needed to protect from personal exposure.
- EYE PROTECTION:** Safety glasses or face shield.

**SECTION IX: SPECIAL PRECAUTIONS**

HEALTH: 2	<b><u>HAZARD RATING KEY</u></b>
FLAMMABILITY: 2	0 = MINIMAL
REACTIVITY: 0	1 = SLIGHT
PERSONALPROTECTION:	2 = MODERATE
	3 = SERIOUS
	4 = SEVERE
	* = CHRONIC HEALTH EFFECTS

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