

# MATERIAL SAFETY DATA SHEET

## SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

### Product Identification

Product Name: Totaline Switch and Contact Cleaner  
 Product Number(s): P902-4120  
 Product Class: Aerosol Solvent Cleaner

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### Company Identification

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## SECTION 2 HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Chemical Name	CAS Number	OSHA PEL	ACGIH TLV
Butane/Propane/Isobutane Propellant	(106-97-8) (74-96-6) (75-28-5)	1000 PPM	800 PPM
Hexane	110-54-3	50 PPM	50 PPM
Ethanol	64-17-5	1000 PPM	1000 PPM

## SECTION 3 PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point.....:	Not available	Odor.....:	Characteristic
Vapor Pressure (mm Hg.).....:	Not available	Appearance.....:	Clear, colorless fluid
Vapor Density (Air = 1).....:	Not available	Evaporation Rate (Butyl Acetate = 1).....:	Not available
Solubility in Water.....:	None	Melting Point.....:	Not applicable
Specific Gravity.....:	.76	pH.....:	Not applicable
Form.....:	Liquid aerosol		

## SECTION 4 FIRE and EXPLOSION HAZARD DATA

### Flammable Properties

Flash Point: >18 inches (Flame Candle)

### Flammable Limits in Air

LEL: Not available

UEL: Not available

Extinguishing Media: Regular foam, dry chemical, CO<sub>2</sub>

Special Fire Fighting Procedures: Wear self-contained breathing apparatus. Use water spray to cool fire exposed aerosol containers.

Unusual Fire and Explosion Hazards: Positive flashback will occur if sprayed into flame. Contents under pressure! Exposure to temperatures above 120°F may cause bursting.

## SECTION 5 REACTIVITY DATA

Stability: Stable Conditions to Avoid: Extreme temperatures

Incompatibility (Materials to Avoid): Strong acids and oxidizers

Hazardous Decomposition or Byproducts: CO, CO<sub>2</sub>

Hazardous Polymerization: Will not occur Conditions to Avoid: None known

**SECTION 6 HEALTH HAZARD DATA**

Routes of Entry:                      Inhalation? Yes                      Skin? Yes                      Ingestion? Yes

Health Hazards (Acute and Chronic): Harmful or fatal if swallowed.

Carcinogenicity:                      NTP? No                      IARC Monographs? No                      OSHA Regulated? No

**Signs and Symptoms of Exposure:** Overexposure and toxicity depend upon duration of exposure. Symptoms of overexposure include dizziness, nausea, headache, and loss of consciousness. Aspiration may be a hazard. Harmful or fatal if swallowed.

**Medical Conditions Generally Aggravated by Exposure:** None known

**Emergency and First Aid Procedures:**

**Inhalation...** : Remove to fresh air. If breathing has stopped, administer artificial respiration. Call a physician.

**Eyes .....** : Flush eyes immediately for at least 15 minutes. Call a physician.

**Skin .....** : Flush with plenty of water while removing contaminated clothing and shoes. Wash with plenty of soap and water for at least 15 minutes.

**Ingestion....** : Do not induce vomiting. Contact a physician immediately.

**SECTION 7 PRECAUTIONS for SAFE HANDLING and USE**

**Steps to Be Taken in Case Material is Released or Spilled:** Ventilate area and avoid breathing vapors. Dike and contain spill with inert absorbent material. Place in sealed container for disposal. Mop up residue. Keep runoffs out of sewer.

**Waste Disposal Method:** Consult federal, state, and local authorities for proper disposal methods. Wrap empty container with newspaper and put in trash can.

**Precautions to Be Taken in Handling and Storing:** Avoid breathing vapors. Use only with adequate ventilation. Keep out of the reach of children. Keep at room temperature away from direct sunlight.

**Other Precautions:** Wash hands after using product and before eating, drinking, or using the restroom.

**SECTION 8 CONTROL MEASURES**

**Respiratory Protection .....** : Use organic vapor respirator if exposure is high

**Ventilation.....** : Mechanical exhaust if necessary

**Protective Gloves.....** : Rubber gloves

**Eye Protection.....** : Safety goggles with side splash protection

**Other Protective Clothing or Equipment:** Not expected to be necessary for normal use

**Work/Hygienic Practices:** Use good industrial safety practice.

**SECTION 9 OTHER INFORMATION**

**TSCA:** All components of this product are listed on the TSCA inventory

**SARA Section 313:** Hexane, CAS# 110-54-3, is subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and 40CFR 372

**Transportation**

**U.S. DOT Shipping Name:** Consumer commodity ORM-D (U.S. domestic, ground shipments only)

**IATA:** Aerosols, flammable, UN 1950, 2.1 (Consult IATA regulations for specific requirements.)

**IMDG:** Aerosols, UN 1950, 2 (Consult IMDG regulations for specific requirements.)

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