Cantol

MATERIAL SAFETY DATA SHEET

SECTION 1 – MATERIAL IDENTIFICATION AND USE

MATERIAL NAME IDENTIFIER: **CANTOL COLD ZINC GALVANIZE - Aerosol Spray**

MANUFACTURERS NAME/ADDRESS

Cantol Corp.
199 Steelcase Road West
Markham, ON L3R 2M4

CONTACTS

Canutec (24 hours)
(613) 996-6666
Web: www.cantol.com

SECTION 2 – HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	%	CAS NUMBER	LD_{50} OF MATERIAL (SPECIFY SPECIES AND ROUTE)	LC_{50} OF MATERIAL (SPECIFY SPECIES)
Toluene	**15-40**	**108-88-3**	**2500 mg/kg, ORAL, RAT**	**8000 PPM, RAT, 4 Hrs.**
Stoddard Solvent	**5-10**	**8052-41-3**	**NONE**	**NONE**
Propane/n-Butane Propellant	**30-60**	**68476-86-8**	**NONE**	**NONE**

SECTION 3 – PHYSICAL DATA

PHYSICAL STATE GAS ☐ LIQUID ☒ SOLID ☐	ODOUR AND APPEARANCE **Gray aerosol liquid spray with sweet odour**		ODOUR THRESHOLD (PPM) **Not Available**	
VAPOUR PRESSURE (mm Hg.) **62**	VAPOUR DENSITY (AIR=1) **Greater than one**	EVAPORATION RATE **Butyl Acetate = 1** **Less than one**	BOILING POINT (°C) **Not Available**	FREEZING POINT (°C) **Not Available**
% VOLATILE (BY VOLUME) **71**	SOLUBILITY IN WATER (20°C) **Negligible**	pH **Not Applicable**	SPECIFIC GRAVITY **On Concentrate 1.15**	COEFF. WATER OIL DIST. **Not Applicable**

SECTION 4 – FIRE AND EXPLOSION DATA

FLAMMABILITY
YES ☒ NO ☐
IF YES, UNDER WHICH CONDITIONS? ▶ **Flammable Aerosol**

MEANS OF EXTINCTION **Foam, Dry Chemical, Carbon Dioxide**

SPECIAL PROCEDURES **Keep containers cool. Use equipment or shielding required to protect personnel against bursting, rupturing, or venting containers.**

FLASHPOINT (C°) AND METHOD **Positive Flame Extension**	UPPER EXPLOSION LIMIT (% BY VOLUME) **Not Available**	LOWER EXPLOSION LIMIT (% BY VOLUME) **Not Available**
AUTO IGNITION TEMPERATURE (°C) **Not Available**	TDG FLAMMABILITY CLASSIFICATION **Not Applicable**	HAZARDOUS COMBUSTION PRODUCTS **Possible trace amounts of Phosgene**

EXPLOSION DATA ▶	SENSITIVITY TO IMPACT **Not Available**	RATE OF BURNING **Not Available**	EXPLOSIVE POWER **Not Available**	SENSITIVITY TO STATIC DISCHARGE **Not Available**

SECTION 5 – REACTIVITY DATA

CHEMICAL STABILITY
YES ☒ NO ☐
IF NO, UNDER WHICH CONDITIONS? ▶

COMPATIBILITY WITH OTHER SUBSTANCES
YES ☐ NO ☒
IF NO, WHICH ONES? ▶ **Strong oxidizers, acids, bases and selected amines.**

REACTIVITY, AND UNDER WHAT CONDITIONS **Not Available**

HAZARDOUS DECOMPOSITION PRODUCTS **Burning may yield trace amounts of phosgene.**

CANTOL COLD ZINC GALVANIZE

SECTION 6 – TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY

SKIN CONTACT [x] SKIN ABSORPTION [ ] EYE CONTACT [x] INHALATION ACUTE [x] INHALATION CHRONIC [ ] INGESTION [ ]

EFFECTS OF ACUTE EXPOSURE TO MATERIAL **EYES: Causes severe irritation. SKIN: Prolonged contact can cause moderate irritation. INHALATION: Causes nasal and respiratory irritation. INGESTION: Causes gastro-intestinal irritation. Aspiration into lungs can cause chemical pneumonitis.**

EFFECTS OF CHRONIC EXPOSURE TO MATERIAL

None Known

LD_{50} OF MATERIAL SPECIFY SPECIES AND ROUTE	LC_{50} OF MATERIAL SPECIFY SPECIES	EXPOSURE LIMIT OF MATERIAL	IRRITANCY OF MATERIAL
Not Available	**Not Available**	**ACGIH TLV for Toluene 100 PPM; Stoddard Solvent 100 PPM; Propellant 1000 PPM**	**Irritant to eyes and skin**
SENSITIZING CAPABILITY OF MATERIAL	CARCINOGENICITY OF MATERIAL	REPRODUCTIVE EFFECTS OF MATERIAL	SYNERGESTIC MATERIALS
Not Available	**None**	**None**	**None Known**

SECTION 7 – PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT

Gloves and eye protection

GLOVES (SPECIFY)	RESPIRATORY (SPECIFY)	EYE (SPECIFY)
Rubber, Neoprene, Plastic	**Not Applicable**	**Goggles**
FOOTWEAR (SPECIFY)	CLOTHING (SPECIFY)	OTHER (SPECIFY)
None	**None**	**None**

ENGINEERING CONTROLS (SPECIFY E.G. VENTILATION ENCLOSED PROCESS)

NONE

LEAK AND SPILL PROCEDURE

Ventilate area. Remove all sources of ignition. Soak up spill with oil absorbant.

WASTE DISPOSAL

Discard used absorbant in proper receptacle for landfill. Follow all government disposal regulations.

HANDLING PROCEDURES AND EQUIPMENT **Use in a well ventilated area. Avoid contact with eyes and skin. Do not use or store near heat, sparks or open flame. Wash thoroughly after handling.**

STORAGE REQUIREMENTS **Contents under pressure. Do not store where temperatures exceed 49°C (120°F). KEEP OUT OF THE REACH OF CHILDREN.**

SPECIAL SHIPPING INFORMATION

Consumer Commodity

SECTION 8 – FIRST AID MEASURES

EYES: Flush with plenty of water for at least 15 minutes. Seek prompt medical attention.

SKIN: Wash with soap and water.

INGESTION: Do not induce vomiting. Call a physician.

INHALATION: Remove to fresh air.

SOURCES USED

Canadian Centre for Occupational Health and Safety, Vendor Material Safety Data Sheets

ADDITIONAL INFORMATION

For industrial and institutional use only. Read and follow all label directions and precautions. Do not mix with other chemicals.

SECTION 9 – PREPARATION DATE OF THE MSDS

PREPARED BY	PHONE NUMBER	DATE
A, B5, D2B Cantol WHMIS Group	**(905) 475-6141**	**March 1, 2016**