

(10638)

**Cantol****MATERIAL SAFETY DATA SHEET****SECTION 1 – MATERIAL IDENTIFICATION AND USE**

MATERIAL NAME IDENTIFIER	<b>GAT (Aerosol) - Removes graffiti, grease, asphalt, tar and other stubborn soils.</b>		
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 <sub>50</sub> OF MATERIAL (SPECIFY SPECIES AND ROUTE)	LC <sub>50</sub> OF MATERIAL (SPECIFY SPECIES)
1-Methyl-4-(1-Methylethenyl) Cyclohexene	10-30	5989-27-5	4.4 g/kg RAT, ORAL 5.0 g/kg RABBIT, DERMAL	NONE
1-Methyl-2-Pyrrolidone	10-30	872-50-4	4200 mg/kg RAT, ORAL 8000 mg/kg RABBIT, DERMAL	NONE
Tetrahydrofurfuryl Alcohol	5-10	97-99-4	2500 mg/kg RAT, ORAL	12,600 ppm (6 hrs.), RAT
Monoethanolamine	5-10	141-43-5	2700 mg/kg, RAT, ORAL 1000 mg/kg, RABBIT, DERMAL	NONE
Diethylene Glycol Butyl Ether	5-10	112-34-5	5660 mg/kg RAT, ORAL	NONE
Nonylphenoxypolyethoxyethanol	1-5	68412-54-4	5000 mg/kg RAT, ORAL 2 g/kg RABBIT, DERMAL	NONE
Propane	10-30	74-98-6	NONE	NONE
<div style="border: 1px solid black; padding: 5px; display: inline-block;"> <b>APPROVED MATERIAL</b>   APR 01 2013   MSDS # <u>10638</u>  APPROVED BY <u>[Signature]</u> </div>				

**SECTION 3 – PHYSICAL DATA**

PHYSICAL STATE GAS <input type="checkbox"/> LIQUID <input checked="" type="checkbox"/> SOLID <input type="checkbox"/>	ODOUR AND APPEARANCE <b>Aerosol gel-type spray with citrus odour</b>	ODOUR THRESHOLD (PPM) <b>Not Available</b>		
VAPOUR PRESSURE (mm Hg.) <b>Not Available</b>	VAPOUR DENSITY (AIR=1) <b>Greater than one</b>	EVAPORATION RATE <b>Butyl Acetate = 1 Less than one</b>	BOILING POINT (°C) <b>Not Applicable</b>	FREEZING POINT (°C) <b>Not Available</b>
% VOLATILE (BY VOLUME) <b>Not Available</b>	SOLUBILITY IN WATER (20°C) <b>Appreciable</b>	pH <b>Not Applicable</b>	SPECIFIC GRAVITY <b>0.934</b>	COEFF. WATER OIL DIST. <b>Not Applicable</b>

**SECTION 4 – FIRE AND EXPLOSION DATA**

FLAMMABILITY YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> IF YES, UNDER WHICH CONDITIONS? <b>▶ Flammable Aerosol</b>				
MEANS OF EXTINCTION <b>Foam, Dry Chemical, Carbon Dioxide, Water Spray</b>				
SPECIAL PROCEDURES <b>Use water spray to keep containers cool. Use equipment or shielding required to protect personnel against bursting, rupturing or venting containers.</b>				
FLASHPOINT (°C) AND METHOD <b>Positive Flame Extension</b>	UPPER EXPLOSION LIMIT (% BY VOLUME) <b>Not Applicable</b>	LOWER EXPLOSION LIMIT (% BY VOLUME) <b>Not Applicable</b>		
AUTO IGNITION TEMPERATURE (°C) <b>Not Applicable</b>	TDG FLAMMABILITY CLASSIFICATION <b>Not Applicable</b>	HAZARDOUS COMBUSTION PRODUCTS <b>Carbon Dioxide, Carbon Monoxide</b>		
EXPLOSION DATA <b>▶</b>	SENSITIVITY TO IMPACT <b>Not Available</b>	RATE OF BURNING <b>Not Available</b>	EXPLOSIVE POWER <b>Not Available</b>	SENSITIVITY TO STATIC DISCHARGE <b>Not Available</b>

**SECTION 5 – REACTIVITY DATA**

CHEMICAL STABILITY YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> IF NO, UNDER WHICH CONDITIONS? <b>▶</b>
COMPATIBILITY WITH OTHER SUBSTANCES YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> IF NO, WHICH ONES? <b>▶ Strong oxidizers, acids</b>
REACTIVITY, AND UNDER WHAT CONDITIONS <b>Not Available</b>
HAZARDOUS DECOMPOSITION PRODUCTS <b>Burning may yield carbon dioxide, carbon monoxide.</b>

**GAT (AEROSOL)**

<b>SECTION 6 – TOXICOLOGICAL PROPERTIES</b>			
ROUTE OF ENTRY			
SKIN CONTACT <input checked="" type="checkbox"/> SKIN ABSORPTION <input type="checkbox"/> EYE CONTACT <input checked="" type="checkbox"/> INHALATION ACUTE <input checked="" type="checkbox"/> INHALATION CHRONIC <input type="checkbox"/> INGESTION <input checked="" type="checkbox"/>			
EFFECTS OF ACUTE EXPOSURE TO MATERIAL			
Eye and skin irritant. Harmful if swallowed. Overexposure to vapour may be irritating.			
EFFECTS OF CHRONIC EXPOSURE TO MATERIAL			
None Known			
LD <sub>50</sub> OF MATERIAL SPECIFY SPECIES AND ROUTE	LC <sub>50</sub> OF MATERIAL SPECIFY SPECIES	EXPOSURE LIMIT OF MATERIAL	IRRITANCY OF MATERIAL
Not Available	Not Available	Not Available	Irritant to skin and eyes
SENSITIZING CAPABILITY OF MATERIAL	CARCINOGENICITY OF MATERIAL	REPRODUCTIVE EFFECTS OF MATERIAL	SYNERGESTIC MATERIALS
Not Available	None	None	None Known
<b>SECTION 7 – PREVENTIVE MEASURES</b>			
PERSONAL PROTECTIVE EQUIPMENT			
Gloves and eye protection			
GLOVES (SPECIFY)	RESPIRATORY (SPECIFY)	EYE (SPECIFY)	
Plastic, Rubber, Neoprene	None	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. Soak up spill with oil absorbant. Remove all sources of ignition. Use detergent to clean up residue.			
WASTE DISPOSAL			
Discard used absorbant in proper receptacle. Do not puncture or incinerate containers. Give to a disposal company equipped to safely handle and dispose of pressurized containers. Follow all government disposal regulations.			
HANDLING PROCEDURES AND EQUIPMENT			
Do not spray near heat, sparks, or open flame. Use with adequate ventilation. Avoid contact with skin and eyes. Wear rubber gloves and eye protection. Wash thoroughly after handling.			
STORAGE REQUIREMENTS			
Contents under pressure. Do not store at temperatures above 120°F (49°C). <b>KEEP OUT OF THE REACH OF CHILDREN.</b>			
SPECIAL SHIPPING INFORMATION			
Consumer Commodity			
<b>SECTION 8 – FIRST AID MEASURES</b>			
EYES: Immediately flush with plenty of water for at least 15 minutes. Seek prompt medical attention.			
SKIN: Flush with water.			
INGESTION: Give water and induce vomiting. Call a physician.			
INHALATION: If overexposure occurs, 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.			
<b>SECTION 9 – PREPARATION DATE OF THE MSDS</b>			
PREPARED BY	PHONE NUMBER	DATE	
A, B5, E, D1B, D2B Cantol WHMIS Group	(905) 475-6141	March 1, 2013	