



## I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 04474

PRODUCT NAME: T.O.P. AEROSOL

USE: General Purpose Cleaner

## SUPPLIER:

JohnsonDiversey Canada, Inc.  
2401 Bristol Circle  
Oakville Ontario, L6H 6P1, Canada

## EMERGENCY PHONE:

1-800-668-7171

WHMIS CLASSIFICATION: B3

CHEMICAL FAMILY: Hydrocarbon

TRADE NAME / SYNONYMS: not applicable

CHEMICAL NAME: not applicable

## II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Propane	10-30	000074-98-6	not available	
Isobutane	10-30	000075-28-5	LC50 520000 ppm (2 hr)	inh/mou

## III - HANDLING AND DISPOSAL PROCEDURES

## PERSONAL PROTECTIVE EQUIPMENT:

Gloves: Not normally required

Eye: Safety glasses

Footwear: Not required

Respiratory: If mists are generated, use NIOSH approved mask

Other: Not required

## SPECIAL HANDLING PROCEDURES AND EQUIPMENT:

Avoid eye contact. Individuals with sensitive skin may require impermeable gloves to prevent irritation. A NIOSH approved respirator is required if the permissible exposure limit (PEL) of 5 mg/m<sup>3</sup> for oil mist is exceeded.

VENTILATION REQUIREMENTS: General ventilation

INCOMPATIBILITY (Material to Avoid): Oxidizing materials

SPILL PROCEDURES: Contain the spill. Do not allow the spilled product to go to drain. Mop up or soak up with absorbent clay for disposal.

WASTE DISPOSAL: Dispose according to municipal, provincial, and federal regulations.

STORAGE / SHIPPING REQUIREMENT: Store in a cool dry area in a closed container.

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## IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: Light amber, viscous oil

S.G. / BULK DENSITY(g/cc): 0.85

pH: not applicable

VAPOUR PRESSURE (mmHg): not applicable

VAPOUR DENSITY (air=1): not applicable

ODOUR THRESHOLD: not applicable

BOILING POINT: 355°C

FREEZING POINT: not applicable

PERCENT VOLATILE: negligible

SOLUBILITY IN WATER: insoluble

EVAPORATION RATE (water=1): not available

## V - TOXICOLOGICAL PROPERTIES

## EFFECTS OF ACUTE EXPOSURE TO MATERIAL:

EYES: No serious or irreversible effects expected.

SKIN: No serious or irreversible effects expected.

INGESTION: No serious or irreversible effects expected.

INHALATION: No serious or irreversible effects expected.

<b>LD50 (calculated):</b> not available	<b>LC50 (calculated):</b> not available
<b>OTHER TOXIC EFFECTS:</b> not available	
<b>EFFECTS OF CHRONIC EXPOSURE TO MATERIAL:</b> Not available	
<b>VI - FIRST AID MEASURES</b>	
<b>EYES:</b>	Flush eyes with plenty of water for at least 15 minutes. Hold eyelids open while rinsing.
<b>SKIN:</b>	Wash affected area thoroughly with soap and water.
<b>INGESTION:</b>	Do not induce vomiting. Drink large volumes of water . Never give anything by mouth to an unconscious patient. Contact a physician.
<b>INHALATION:</b>	Remove patient to fresh air.
<b>VII - FIRE AND EXPLOSION DATA</b>	
<b>FLAMMABLE:</b> Yes, ignited by spark or open flame	
<b>FLASH POINT, °C:</b> not available	<b>AUTO IGNITION TEMPERATURE, °C:</b> N/Ap.
<b>EXTINGUISHING MEDIA:</b> Water [ ] Dry Chemical [x] Carbon Dioxide [x] Foam [x] Other [ ]	
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b> Wear self-contained breathing apparatus.	
<b>HAZARDOUS COMBUSTION PRODUCTS:</b> not applicable.	
<b>EXPLOSIVE SENSITIVITY TO:</b> not applicable	
<b>VIII - REACTIVITY DATA</b>	
<b>STABILITY:</b> Stable [x] Unstable [ ]	
<b>CONDITIONS TO AVOID:</b> Extreme heat and open flame.	
<b>INCOMPATIBILITY (Material to Avoid) :</b> oxidizing materials	
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b> not available	
<b>REACTIVITY:</b> not dangerously reactive	
<b>IX - MSDS PREPARATION</b>	
<b>SOURCES USED:</b> Supplier MSDS	<b>PREPARED BY:</b> JohnsonDiversey Canada, Inc. Regulatory Department Food Division Phone (905) 829-1200
<b>PREPARATION DATE:</b> April 15, 2003	
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