



I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 3105203

PRODUCT NAME: TIM HORTONS GLASS & MULTISURFACE CLEANER**USE:** Multi Purpose Cleaner**SUPPLIER:**JohnsonDiversey Canada, Inc.
2401 Bristol Circle
Oakville Ontario, L6H 6P1, Canada**EMERGENCY PHONE:****1-800-668-7171****WHMIS CLASSIFICATION:** B3 D2B**CHEMICAL FAMILY:** not applicable**TRADE NAME / SYNONYMS:** not applicable**CHEMICAL NAME:** not applicable

II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Ammonium hydroxide	1-5	1336-21-6	350 mg/kg	oral/rat
Propylene Glycol Monomethyl Ether	5-20	107-98-2	7200 mg/kg	oral/rat
Isopropanol	5-20	67-63-0	5940 mg/kg	oral/rat

III - HANDLING AND DISPOSAL PROCEDURES

PERSONAL PROTECTIVE EQUIPMENT:**Gloves:** Not normally required.**Eye:** Safety glasses**Footwear:** Not normally required.**Respiratory:** Not normally required.**Other:** Not normally required.**SPECIAL HANDLING PROCEDURES AND EQUIPMENT:** Avoid eye contact.
Do not expose to heat, spark or open flame.**VENTILATION REQUIREMENTS:** General ventilation**INCOMPATIBILITY (Material to Avoid):** Oxidizing agents**SPILL PROCEDURES:** Turn off sources of ignition.
Wear protective clothing.
Contain the spill.
Mop up or soak up with absorbent clay for disposal.
Wash spill area with large volumes of water.**WASTE DISPOSAL:** Dispose of according to municipal, provincial, and federal regulations.**STORAGE / SHIPPING REQUIREMENT:** Do not freeze.
Store in a cool dry area in a closed container.
Store away from heat.

IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: Clear blue liquid with ammoniacal odor**S.G. / BULK DENSITY(g/cc):** 0.97**pH:** 10.4**VAPOUR PRESSURE (mmHg):** 17.5**VAPOUR DENSITY (air=1):****ODOUR THRESHOLD:** not applicable**BOILING POINT:** 62.7 C**FREEZING POINT:** 0 C**PERCENT VOLATILE:** 97.32**SOLUBILITY IN WATER:** very soluble**EVAPORATION RATE (water=1):** not determined

V - TOXICOLOGICAL PROPERTIES

EFFECTS OF ACUTE EXPOSURE TO MATERIAL:**EYES:** May cause severe irritation.

SKIN: Mild to moderate skin irritant.	
INGESTION: May cause irritation of digestive tract.	
INHALATION: May cause irritation of respiratory tract.	
LD50 (calculated): 3455 mg/kg	LC50 (calculated): Not determined.
OTHER TOXIC EFFECTS: Not determined.	
EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: Not determined.	
VI - FIRST AID MEASURES	
EYES: Flush eyes with plenty of water for at least 15 minutes. Hold eyelids open while rinsing. Contact a physician immediately.	
SKIN: Flush affected area thoroughly with water. If irritation develops, contact a physician.	
INGESTION: Drink large volumes of water or milk. Never give anything by mouth to an unconscious patient. Contact a physician immediately.	
INHALATION: Remove patient to fresh air. Get medical attention for any breathing difficulty.	
VII - FIRE AND EXPLOSION DATA	
FLAMMABLE: Yes, combustible if heated.	
FLASH POINT, °C: 43.3	AUTO IGNITION TEMPERATURE, °C: not available
EXTINGUISHING MEDIA: Water [x] Dry Chemical [x] Carbon Dioxide [x] Foam [x] Other []	
SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus.	
HAZARDOUS COMBUSTION PRODUCTS: Incomplete burning can produce carbon monoxide and/or carbon dioxide and other harmful products.	
EXPLOSIVE SENSITIVITY TO: not applicable	
VIII - REACTIVITY DATA	
STABILITY: Stable [x] Unstable []	
CONDITIONS TO AVOID: Excessive heat Keep from freezing and avoid heating.	
INCOMPATIBILITY (Material to Avoid) : Strong acids, strong oxidizers.	
HAZARDOUS DECOMPOSITION PRODUCTS: May form carbon monoxide and carbon dioxide	
REACTIVITY: Not dangerously reactive.	
IX - MSDS PREPARATION	
SOURCES USED: MSDS	PREPARED BY: JohnsonDiversey Canada, Inc. Regulatory Department Institutional Division Phone (905) 829-1200
PREPARATION DATE: July 17, 2003	
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