



I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 3105182

PRODUCT NAME: TIM HORTONS ANTI-SLIP FLOOR CLEANER**USE:** Cleaner/maintainer**SUPPLIER:**JohnsonDiversey Canada, Inc.
2401 Bristol Circle
Oakville Ontario, L6H 6P1, Canada**EMERGENCY PHONE:****1-800-668-7171****WHMIS CLASSIFICATION:** 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 bifluoride	1-5	1341-49-7	Not available	not available

III - HANDLING AND DISPOSAL PROCEDURES

PERSONAL PROTECTIVE EQUIPMENT:**Gloves:** Not normally required.**Eye:** Not normally required.**Footwear:** Not normally required.**Respiratory:** Not normally required.**Other:** Not normally required.**SPECIAL HANDLING PROCEDURES AND EQUIPMENT:** Avoid freezing**VENTILATION REQUIREMENTS:** General ventilation**INCOMPATIBILITY (Material to Avoid):** Strong acids or alkali**SPILL PROCEDURES:** Wear protective equipment during clean up.
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:** Store in a cool dry area in a closed container.

IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: Orange liquid, mild odor**S.G. / BULK DENSITY(g/cc):** 1.02**pH:** 4-5**VAPOUR PRESSURE (mmHg):** 17.5**VAPOUR DENSITY (air=1):** 17.3**ODOUR THRESHOLD:** not determined**BOILING POINT:** 100 C**FREEZING POINT:** 0 C**PERCENT VOLATILE:** 84**SOLUBILITY IN WATER:** very soluble**EVAPORATION RATE (water=1):** not determined

V - TOXICOLOGICAL PROPERTIES

EFFECTS OF ACUTE EXPOSURE TO MATERIAL:**EYES:** May cause irritation.**SKIN:** May cause irritation.**INGESTION:** May cause irritation of digestive tract.**INHALATION:** None known

LD50 (calculated): 4600 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 affected area thoroughly with water. If irritation develops, contact a physician.			
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.			
VII - FIRE AND EXPLOSION DATA			
FLAMMABLE: No			
FLASH POINT, °C: >93.9		AUTO IGNITION TEMPERATURE, °C: not available	
EXTINGUISHING MEDIA: Water ☒ Dry Chemical ☒ Carbon Dioxide ☒ Foam ☒ Other ☐			
SPECIAL FIRE FIGHTING PROCEDURES: This material in contact with water can create extremely slippery walking surfaces. self-contained breathing apparatus should be used.			
HAZARDOUS COMBUSTION PRODUCTS: Carbon monoxide, ammonia, nitrogen oxides. Hydrogen fluoride and fluoride compounds.			
EXPLOSIVE SENSITIVITY TO: not available			
VIII - REACTIVITY DATA			
STABILITY: Stable ☒ Unstable ☐			
CONDITIONS TO AVOID: Avoid freezing			
INCOMPATIBILITY (Material to Avoid) : Alkalis Acids			
HAZARDOUS DECOMPOSITION PRODUCTS: Reacts with acids to liberate hydrogen fluoride and alkali to liberate ammonia.			
REACTIVITY: Not dangerously reactive.			
IX - MSDS PREPARATION			
SOURCES USED: Raw Materials MSDS		PREPARED BY: JohnsonDiversey Canada, Inc. Regulatory Department Institutional Division Phone (905) 829-1200	
PREPARATION DATE: July 17, 2003			
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