



I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 11352

PRODUCT NAME: MULTI-TERJ 2112 ES**USE:** LOW TEMPERATURE LIQUID ALKALINE CLEANER FOR MULTI-METALS**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
Sodium xylene sulphonate	5-15	1300-72-7	5000 mg/kg	oral/rat
Tetrapotassium pyrophosphate	5-15	7320-34-5	2330 mg/kg	oral/rat

III - HANDLING AND DISPOSAL PROCEDURES

PERSONAL PROTECTIVE EQUIPMENT:**Gloves:** Wear impermeable gloves.**Eye:** Safety glasses**Footwear:** Not normally required.**Respiratory:** Not normally required.**Other:** not applicable**SPECIAL HANDLING PROCEDURES AND EQUIPMENT:** Avoid eye and skin contact.**VENTILATION REQUIREMENTS:** General ventilation**INCOMPATIBILITY (Material to Avoid):** Acidic Materials**SPILL PROCEDURES:** 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:** Avoid freezing
Store in a cool dry area in a closed container.

IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: Clear pale straw colored liquid**S.G. / BULK DENSITY(g/cc):** 1.13**pH:** 12.4**VAPOUR PRESSURE (mmHg):** 17.5**VAPOUR DENSITY (air=1):** 17.3**ODOUR THRESHOLD:** not available**BOILING POINT:** >100 C**FREEZING POINT:** 0 C**PERCENT VOLATILE:** 71.2**SOLUBILITY IN WATER:** complete**EVAPORATION RATE (water=1):** not available

V - TOXICOLOGICAL PROPERTIES

EFFECTS OF ACUTE EXPOSURE TO MATERIAL:**EYES:** May cause irritation.**SKIN:** Mild to moderate skin irritant.**INGESTION:** None known**INHALATION:** None known

LD50 (calculated): 7207 mg/kg	LC50 (calculated): Not determined.
OTHER TOXIC EFFECTS: Not determined.	
EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: Same as acute.	
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: Not expected to be harmful.	
INHALATION: Not expected to be harmful.	
VII - FIRE AND EXPLOSION DATA	
FLAMMABLE: No	
FLASH POINT, °C: not applicable	AUTO IGNITION TEMPERATURE, °C: not applicable
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: not applicable	
INCOMPATIBILITY (Material to Avoid) : Contact with acids will produce heat.	
HAZARDOUS DECOMPOSITION PRODUCTS: Burning may produce carbon monoxide, carbon dioxide and unidentified organic compounds	
REACTIVITY: None known	
IX - MSDS PREPARATION	
SOURCES USED: Raw Materials MSDS	PREPARED BY: JohnsonDiversey Canada, Inc. Regulatory Department Industrial Division Phone (905) 829-1200
PREPARATION DATE: July 1, 2003	
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