



I - PRODUCT IDENTIFICATION AND USE		MSDS ID: TK-133		
PRODUCT NAME: ASCORBIC ACID (TK-133)				
USE: Test Kit Chemical				
SUPPLIER: JohnsonDiversey Canada, Inc. 2401 Bristol Circle Oakville Ontario, L6H 6P1, Canada	EMERGENCY PHONE: 1-800-668-7171			
WHMIS CLASSIFICATION: D2B CHEMICAL FAMILY: organic acid	TRADE NAME / SYNONYMS: Vitamin C CHEMICAL NAME: L-Ascorbic Acid			
II - HAZARDOUS INGREDIENTS				
HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Ascorbic acid	60-100	000050-81-7	LD50 8 g/kg	oral/mous
III - HANDLING AND DISPOSAL PROCEDURES				
PERSONAL PROTECTIVE EQUIPMENT:				
Gloves: Natural rubber or PVC	Eye: safety glasses	Footwear: not required		
Respiratory: not required	Other: not required			
SPECIAL HANDLING PROCEDURES AND EQUIPMENT: not required				
VENTILATION REQUIREMENTS: general ventilation				
INCOMPATIBILITY (Material to Avoid): Oxidising agents.				
SPILL PROCEDURES: Scoop, shovel or sweep into recovery container. Avoid dust formation.				
WASTE DISPOSAL: Dispose according to municipal, provincial, and federal regulations.				
STORAGE / SHIPPING REQUIREMENT: Store in a tightly closed container in a cool dry area.				
IV - PHYSICAL PROPERTIES				
APPEARANCE / ODOUR: white crystalline powder				
S.G. / BULK DENSITY(g/cc): not available		pH: (5% solution): 2		
VAPOUR PRESSURE (mmHg): not applicable		VAPOUR DENSITY (air=1): not applicable		
ODOUR THRESHOLD: not applicable		BOILING POINT: not applicable		
FREEZING POINT: not applicable		PERCENT VOLATILE: 0		
SOLUBILITY IN WATER: 33 g/100 mL		EVAPORATION RATE (water=1): not applicable		
V - TOXICOLOGICAL PROPERTIES				
EFFECTS OF ACUTE EXPOSURE TO MATERIAL:				
EYES: May cause irritation.				
SKIN: Excessive contact may cause irritation.				
INGESTION: Generally recognized as safe in foods.				
INHALATION: Excessive inhalation may cause minor respiratory irritation.				
LD50 (calculated): 8 g/kg		LC50 (calculated):		
OTHER TOXIC EFFECTS: None known.				

EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: None known.

VI - FIRST AID MEASURES

EYES: Flush eyes with plenty of water. If irritation persists, contact a physician.
SKIN: Wash with water.
INGESTION: Drink large volumes of water . If symptoms persist, contact a physician.
INHALATION: Remove patient to fresh air. If breathing difficulty occurs, contact a physician.

VII - FIRE AND EXPLOSION DATA

FLAMMABLE:

FLASH POINT, °C: not applicable **AUTO IGNITION TEMPERATURE, °C:** 660

EXTINGUISHING MEDIA: Water Dry Chemical Carbon Dioxide Foam Other

SPECIAL FIRE FIGHTING PROCEDURES: none required

HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon.

EXPLOSIVE SENSITIVITY TO: Impact Static Discharge Heat Other

VIII - REACTIVITY DATA

STABILITY: Stable Unstable

CONDITIONS TO AVOID: Contact with oxidising agents.

INCOMPATIBILITY (Material to Avoid) : Oxidising agents.

HAZARDOUS DECOMPOSITION PRODUCTS: none known

REACTIVITY:

IX - MSDS PREPARATION

SOURCES USED: Suppliers MSDS

PREPARED BY: JohnsonDiversev Canada. Inc.
Regulatory Department
Food Division
Phone (905) 829-1200

PREPARATION DATE: April 15, 2003

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