



I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 0036

PRODUCT NAME: DIVOSAN ACTIV

USE: Acid Sanitizing

SUPPLIER:

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

EMERGENCY PHONE:

1-800-668-7171

WHMIS CLASSIFICATION: C D1A E

CHEMICAL FAMILY: Organic Peroxide

TRADE NAME / SYNONYMS: not applicable

CHEMICAL NAME: not applicable

II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Hydrogen peroxide	10-30	007722-84-1	LD50 >500 mg/kg	oral/rat
Peracetic acid	3-7	000079-21-0	LD50 1540 mg/kg	oral/rat
Acetic acid	10-30	000064-19-7	LD50 3310 mg/kg	oral/rat

III - HANDLING AND DISPOSAL PROCEDURES

PERSONAL PROTECTIVE EQUIPMENT:

Gloves: rubber or vinyl gloves

Eye: safety goggles

Footwear: boots

Respiratory: If mists are generated, use NIOSH approved mask

Other: face shield, impervious clothing

SPECIAL HANDLING PROCEDURES AND EQUIPMENT: Avoid eye and skin contact. Do not breathe mist, spray or vapours.

VENTILATION REQUIREMENTS: mechanical exhaust

INCOMPATIBILITY (Material to Avoid): Alkaline, chlorinated, organic materials. Reducing agents. Metals.

SPILL PROCEDURES: Keep combustible and organic materials away. Contain the spill. Do not allow the spilled product to go to drain. Mop up or soak up with absorbent clay for disposal. Wash spill area with large volumes of water.

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

STORAGE / SHIPPING REQUIREMENT: Store in a cool dry area in a closed container. Do not return unused material to container.
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IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: Clear, colourless liquid - sharp pungent odour

S.G. / BULK DENSITY(g/cc): 1.05

pH: (1%) 2.5

VAPOUR PRESSURE (mmHg): not available

VAPOUR DENSITY (air=1): not available

ODOUR THRESHOLD: not available

BOILING POINT: 105°C

FREEZING POINT: 0°C

PERCENT VOLATILE: not available

SOLUBILITY IN WATER: soluble

EVAPORATION RATE (water=1): not available

V - TOXICOLOGICAL PROPERTIES

EFFECTS OF ACUTE EXPOSURE TO MATERIAL:

EYES: Corrosive. May cause severe irritation. May cause temporary or permanent damage if not treated promptly.

SKIN: Corrosive. May cause severe irritation. Contact may cause permanent tissue damage.

INGESTION: Corrosive. May cause severe irritation. May cause tissue damage.

INHALATION: Corrosive. May cause severe irritation. Irritation to nose, throat and lungs will subside when exposure ceases.

LD50 (calculated): 462 mg/kg	LC50 (calculated): 524 mg/m3/1 hr-mouse
OTHER TOXIC EFFECTS: Peracetic Acid TLV-TWA 0.46 mg/m3; Hydrogen Peroxide TLV-TWA 1.4 mg/m3; Acetic Acid TLV-TWA 25 mg/m3, TLV-CEL 37 mg/m3	
EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: not available	
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. Remove contaminated clothing.
INGESTION:	Drink large volumes of water . Never give anything by mouth to an unconscious patient. Do not induce vomiting. Contact a physician immediately.
INHALATION:	Remove patient to fresh air. Give oxygen if necessary.
VII - FIRE AND EXPLOSION DATA	
FLAMMABLE: No. Promotes combustion of other materials.	
FLASH POINT, °C: not applicable	AUTO IGNITION TEMPERATURE, °C: N/Av
EXTINGUISHING MEDIA: Water [x] Dry Chemical [] Carbon Dioxide [] Foam [] Other []	
SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus.	
HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon.	
EXPLOSIVE SENSITIVITY TO: Impact [] Static Discharge [] Heat [x] Other []	
VIII - REACTIVITY DATA	
STABILITY: Stable [] Unstable [x]	
CONDITIONS TO AVOID: Open flames and elevated temperatures.	
INCOMPATIBILITY (Material to Avoid) : Mild steel, brass, bronze, aluminum, zinc, iron, copper, chromium, cobalt. Alkali. Organic materials. Reducing agents.	
HAZARDOUS DECOMPOSITION PRODUCTS: Acetic acid, methane, oxygen. Carbon monoxide and carbon dioxide.	
REACTIVITY: Contamination or elevated temperatures may cause the material to rapidly decompose.	
IX - MSDS PREPARATION	
SOURCES USED: Cheminfo	PREPARED BY: JohnsonDiversey Canada, Inc. Regulatory Department Food Division Phone (905) 829-1200
PREPARATION DATE: April 24, 2003	
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