



I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 0050

PRODUCT NAME: DIVOSAN FORTE**USE:** Acid Sanitizing**SUPPLIER:**

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

EMERGENCY PHONE:

1-800-668-7171

WHMIS CLASSIFICATION: B3 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	15-40	007722-84-1	LD50 >500 mg/kg	oral/rat
Peracetic acid	10-30	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**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: Shut off ignition sources e.g. flames, spark producing equipment. 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):** 1.15**pH:** (1%) 1.5**VAPOUR PRESSURE (mmHg):** not available**VAPOUR DENSITY (air=1):** not available**ODOUR THRESHOLD:** not available**BOILING POINT:** 105°C**FREEZING POINT:** not available**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): 522 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 -CL 27 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: Yes. Also promotes combustion of other materials.	
FLASH POINT, °C: 73°C Setaflash C.C.	AUTO IGNITION TEMPERATURE, °C: 246°C
EXTINGUISHING MEDIA: Water ☒ 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 ☒ Other ☐	
VIII - REACTIVITY DATA	
STABILITY: Stable ☐ Unstable ☒	
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.	
REACTIVITY: Contamination or elevated temperatures may cause the material to burn.	
IX - MSDS PREPARATION	
SOURCES USED: ChemInfo, RTECS	PREPARED BY: JohnsonDiversey Canada, Inc. Regulatory Department Food Division Phone (905) 829-1200
PREPARATION DATE: April 15, 2003	
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