



I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 0596

PRODUCT NAME: DIVOSHEEN DIVBRAU

USE: Acid cleaner

SUPPLIER:

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

EMERGENCY PHONE:

1-800-668-7171

WHMIS CLASSIFICATION: E

CHEMICAL FAMILY: acid

TRADE NAME / SYNONYMS: not applicable

CHEMICAL NAME: not applicable

II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Phosphoric acid	40-70	007664-38-2	LD50 1530 mg/kg	oral/rat
Hydroxyacetic acid	5-10	000079-14-1	LD50 1950 mg/kg	oral/rat
Dipropylene glycol methyl ether	5-10	034590-94-8	LD50 5660 mg/kg	oral/rat
Linear alcohol ethoxylate	1-5	N/A	N/A	
Polypropoxylate	1-5	068022-97-1	N/A	

III - HANDLING AND DISPOSAL PROCEDURES

PERSONAL PROTECTIVE EQUIPMENT:

Gloves: Neoprene or Nitrile

Eye: Safety goggles

Footwear: not required

Respiratory: If mists are generated, use NIOSH approved mask

Other: Rubber apron

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

VENTILATION REQUIREMENTS: mechanical exhaust.

INCOMPATIBILITY (Material to Avoid): Alkaline and chlorinated materials.

SPILL PROCEDURES: Dispose of according to municipal, provincial, and federal regulations.

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

STORAGE / SHIPPING REQUIREMENT: Store in a cool dry area in a closed container. UN1760

IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: Clear pale yellow liquid

S.G. / BULK DENSITY(g/cc): 1.34

pH: (1% solution); 1.8

VAPOUR PRESSURE (mmHg): not available

VAPOUR DENSITY (air=1): not applicable

ODOUR THRESHOLD: not applicable

BOILING POINT: not available

FREEZING POINT: not available

PERCENT VOLATILE: 30%

SOLUBILITY IN WATER: soluble

EVAPORATION RATE (water=1): not applicable

V - TOXICOLOGICAL PROPERTIES

EFFECTS OF ACUTE EXPOSURE TO MATERIAL:

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

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

INGESTION: Corrosive. May cause severe irritation of the digestive tract. May cause temporary or permanent damage if not treated promptly.

INHALATION: May cause irritation of respiratory tract.	
LD50 (calculated): 1050 mg/kg	LC50 (calculated): Not available
OTHER TOXIC EFFECTS: Breathing vapours may cause delayed lung injury. Phosphoric Acid TLV-TWA 1 mg/m3, STEL 3 mg/m3; Dipropylene Glycol Methyl Ether TLV-TWA 606 mg/m3, STEL 909 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.
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. Get medical attention for any breathing difficulty.
VII - FIRE AND EXPLOSION DATA	
FLAMMABLE: No	
FLASH POINT, °C: not applicable	AUTO IGNITION TEMPERATURE, °C: N/Ap
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: Oxides of carbon, nitrogen, sulphur.	
EXPLOSIVE SENSITIVITY TO: not applicable	
VIII - REACTIVITY DATA	
STABILITY: Stable [x] Unstable []	
CONDITIONS TO AVOID: not applicable.	
INCOMPATIBILITY (Material to Avoid) : Alkaline and chlorinated materials. Aluminium, brass, copper, iron.	
HAZARDOUS DECOMPOSITION PRODUCTS: Contact with chlorinated materials will release chlorine gas. Contact with alkali will generate heat. Contact with metals forms flammable hydrogen gas.	
REACTIVITY: not dangerously reactive	
IX - MSDS PREPARATION	
SOURCES USED: RTECS	PREPARED BY: JohnsonDiversey Canada, Inc. Regulatory Department Food Division Phone (905) 829-1200
PREPARATION DATE: April 15, 2003	
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