

PRODUCT: REMOVALL**SECTION 01 : CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

MANUFACTURER : SUPERTEK CANADA
 8605 CH. DARNLEY
 MONT-ROYAL, QUEBEC, CANADA
 H4T 1X2
 (514) 737-8354

PRODUCT NAME : REMOVALL
 SYNONYMS : NOT APPLICABLE
 CHEMICAL FORMULA : INORGANIC ACID
 CHEMICAL FORMULA: NOT APPLICABLE
 PRODUCT USES: CLEANER/DESCALER

SECTION 02 : COMPOSITION/INFORMATION ON INGREDIENTS

1	C.A.S. / T.L.V.	LD/50, ROUTE, SPECIES	LC/50,ROUTE,SPECIES
HYDROXYETHANOIC ACID 1-10	79-14-1 / N/A	NOT AVAILABLE	NOT AVAILABLE
PHOSPHORIC ACID 10-50	7664-38-2 / N/A	1530 mg/kg RAT/ORAL 2740 mg/kg RABBIT/DERMAL	NOT AVAILABLE
ALKYL PHENOL POLOXYETHYLENE GLYCOL ETHER 0.1 – 1	9016-45-9 / N/A	1310 mg/kg RAT/ORAL	NOT AVAILABLE

SECTION 03 : HAZARDS IDENTIFICATION

EFFECTS OF ACUTE EXPOSURE.

SKIN CONTACT: IRRITANT
 SKIN ABSORPTION: SENSITIZER
 INHALATION: IRRITANT
 EYE CONTACT: IRRITANT
 EFFECTS OF CHRONIC EXPOSURE: NOT APPLICABLE
 INGESTION: IRRITANT

SECTION 04: FIRST AID MEASURES

SKIN CONTACT: REMOVE CONTAMINATED CLOTHING. WASH AFFECTED AREAS WITH COPIOUS AMOUNTS OF WATER. NEUTRALISE EXPOSED SKIN WITH A DILUTE SOLUTION OF SODIUM CARBONATE. SEEK MEDICAL ATTENTION.

INHALATION: REMOVE PATIENT TO FRESH AIR. IF NOT BREATHING, QUALIFIED PERSONNEL SHOULD ADMINISTER ARTIFICIAL RESPIRATION. GET MEDICAL ATTENTION.

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INGESTION: DO NOT INDUCE VOMITING. HAVE VICTIM DRINK PLENTY OF MILK OR WATER. SEEK MEDICAL ATTENTION.

EYE CONTACT: IMMEDIATELY FLUSH EYES WITH RUNNING WATER FOR 15 MINUTES. DO NOT USE AN EYE OINTMENT. SEEK MEDICAL ATTENTION.

SECTION 05: FIRE FIGHTING MEASURES

FLASH POINT. (deg) METHOD: NOT APPLICABLE
AUTO IGNITION TEMP. (deg): NOT APPLICABLE
UPPER FLAMMABLE LIMIT (1 VOL): NOT APPLICABLE
LOWER FLAMMABLE LIMIT (1 VOL): NOT APPLICABLE
EXTINGUISHING MEDIA : NOT APPLICABLE
HAZARDOUS COMBUSTION PRODUCTS: NOT APPLICABLE
SENSITIVITY TO MECHANICAL IMPACT: NONE
SENSITIVITY TO STATIC DISCHARGE: NONE

SECTION 06: ACCIDENTAL RELEASE MEASURES

SMALL SPILL : DILUTE WITH WATER AND MOP UP, OR ABSORB WITH DRY INERT MATERIAL. PLACE IN APPROPRIATE WASTE DISPOSAL CONTAINERS.

LARGE SPILL : CONTAIN SPILL BY DIKING. ABSORB SPILLED MATERIAL WITH DRY INERT MATERIALS. PREVENT ENTRY INTO SEWERS, WATERWAYS OR CONFINED AREAS. NEUTRALISE RESIDUES WITH DILUTE SODIUM CARBONATE SOLUTION. DISPOSE IN ACCORDANCE WITH LOCAL AND/OR FEDERAL AUTHORITIES.

SECTION 07: HANDLING AND STORAGE

HANDLING PROCEDURES : KEEP DRY. AVOID INHALING VAPOURS, EYE CONTACT. DO NOT DILUTE WITH WATER.

STORAGE NEEDS : STORE IN SECURE, DRY AREA.

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

PROTECTIVE EQUIPMENT: FOR NORMAL USE CONDITIONS.

EYE/TYPE: FULL FACE SHIELD/SPLASH PROOF GOGGLES.

RESPIRATOR/TYPE: MSHA/NIOSH APPROVED RESPIRATOR.

GLOVES/TYPE: WEAR RUBBER GLOVES.

CLOTHING/TYPE: FULL BODY SUIT/APRON.

FOOTWEAR/TYPE: RUBBER BOOTS.

OTHER/TYPE: SCOTT AIR PAK FOR HANDLING LARGE SPILLS.

VENTILATION REQUIREMENTS: LOCAL VENTILATION.

PRODUCT: REMOVALL**SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE:	CLEAR
PHYSICAL STATE:	LIQUID
ODOUR:	ODOURLESS
ODOUR THRESHOLD (ppm):	NOT AVAILABLE
SPECIFIC GRAVITY (B20=1):	1.14
VAPOUR PRESSURE (mmPg @ deg):	15.12 @ 20°C
VAPOUR DENSITY (AIR-1)(mg/m3):	NOT APPLICABLE
EVAPORATION RATE (oBuAc):	NOT APPLICABLE
BOILING POINT (deg):	100°C
PH:	2 (1% SOLUTION IN WATER)
SOLUBILITY IN WATER (%W/W):	ALL PROPORTIONS
COEFFICIENT OF WATER/OIL:	NOT AVAILABLE
DISTRIBUTION	
FREEZING POINT (deg):	NOT AVAILABLE
MELTING POINT (deg):	NOT AVAILABLE

SECTION 10: STABILITY AND REACTIVITY

HAZARDOUS POLYMERISATION:	NONE
STABILITY:	STABLE
INCOMPATIBILITY:	ALKALIS, METALS, REDUCING AGENTS, ORGANIC MATERIALS
CONDITIONS OF REACTIVITY:	NOT AVAILABLE
HAZARDOUS PRODUCTS OF DECOMPOSITION:	NOT AVAILABLE

SECTION 11: TOXICOLOGICAL INFORMATION

IRRITANCY OF MATERIAL:	SEVERE EYE, SKIN AND MUCOUS MEMBRANE IRRITANT.
SENSITISING CAPABILITY OF:	MAY CAUSE ALLERGIC SKIN REACTIONS WITH MATERIAL REPEATED EXPOSURES.
CARCINOGENICITY OF MATERIAL:	NOT AVAILABLE
TERATOGENICITY:	NOT AVAILABLE
MUTAGENICITY:	NOT AVAILABLE
REPRODUCTIVE EFFECTS:	NOT AVAILABLE
SYNERGISTIC MATERIALS:	NOT AVAILABLE

SECTION 12: ECOLOGICAL INFORMATION

ENVIRONMENTAL:	NOT AVAILABLE
BIODEGRADABILITY:	DEGRADES TO OXIDES CARBON (CO ₂ , CO) AND NITROGEN (NO ₂ , NO)

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:	IN ACCORDANCE WITH MUNICIPAL, PROVINCIAL AND FEDERAL REGULATIONS.
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SECTION 14: TRANSPORT INFORMATION

SHIPPING NAME:	PHOSPHORIC ACID.
TDG CLASSIFICATION:	TDG CLASS 8 = CORROSIVE LIQUID. TDG CLASS 9.2 = ENVIRONMENTALLY HAZARDOUS MATERIAL.
P.I.N.:	UN 1805
PACKING GROUP:	II
LABEL REQUIRED:	CORROSIVE & ORIENTATION ARROWS UP.

SECTION 15: REGULATORY INFORMATION

WHMIS CLASSIFICATION:	D1B MATERIALS CAUSING SERIOUS AND IMMEDIATE TOXIC EFFECT. TOXIC MATERIAL. D2A MATERIALS CAUSING OTHER TOXIC EFFECTS. VERY TOXIC MATERIAL. CORROSIVE LIQUID.
CPR COMPLIANCE:	THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF THE CPR AND THE MSDS CONTAINS ALL OF THE INFORMATION REQUIRED BY THE CPR.

SECTION 16: OTHER INFORMATION

TRANSPORTATION EMERGENCIES:	CALL CANUTEC (613) 996-6666
OTHER INQUIRIES:	CALL (514) 737-8354
EMERGENCY:	CALL 1-800-463-5060