

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION AND USE

Product Identifier: ORGANIC ACID DETERGENT
Product Use: ACIDIC CLEANER
Supplier: SHARE CANADA
Address: 1691 CHURCH AVENUE
Telephone: (204) 633-8553 Fax: (204) 633-8453 CANUTEC: (613) 996-6666

SECTION II - HAZARDOUS INGREDIENTS

Hazardous ingredients	CAS Number	Exposure limits	Weight %
Phosphoric acid	7664-38-2	1 mg/m ³ ACGIH TLV	35 - 45%
Poly(oxyethelene) nonylphenol	9016-45-9	Not established.	1 - 5 %

SECTION III- PHYSICAL DATA

Physical State: LIQUID
Specific Gravity (20 °C): 1.26
Odour and appearance: CLEAR YELLOW / GREEN LIQUID. CHARACTERISTIC ACID ODOUR.
Odour threshold: Not applicable.
pH: < 1
Vapour pressure (mm Hg): Not available. Vapour density (air = 1): Not available.
Evaporation rate (water = 1): ~ 1. % volatile by volume: < 1.0 %
Solubility in water: SOLUBLE Boiling point (C°): 106 ° C.
Freezing point (C°): Not available.
Coefficient of oil/water distribution: Not available.

SECTION IV - FIRE AND EXPLOSION DATA

Flammable or combustible: NOT FLAMMABLE OR COMBUSTIBLE.
Flash point (C°): NONE - CLOSED CUP Conditions of flammability: NONE
Upper flammable limit: Not applicable. Lower flammable limit: Not applicable.
Autoignition temperature: Not applicable. Flammability classification: NONE
Special fire fighting procedures: FIREFIGHTERS MUST BE EQUIPPED WITH FULL PROTECTIVE GEAR INCLUDING SELF-CONTAINED BREATHING APPARATUS. FIRE MAY PRODUCE HAZARDOUS FUMES. COOL FIRE-EXPOSED CONTAINERS WITH WATER FOG.
Means of extinction: WATER, FOAM, CARBON DIOXIDE, DRY CHEMICAL.
Hazardous combustion products: MATERIAL WILL REACT WITH METALS TO LIBERATE HYDROGEN GAS WHICH IS A FLAMMABLE GAS.
Sensitivity to mechanical impact: Not sensitive.
Sensitivity to static discharge: Not sensitive.

SECTION V - REACTIVITY DATA

Is the product stable? STABLE
Conditions of reactivity: NONE
Incompatible substances: ALKALINE MATERIALS, METALS, METAL SALTS, SULPHIDES AND SULPHATES.
Hazardous decomposition products: THERMAL DECOMPOSITION MAY PRODUCE OXIDES OF CARBON.

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SECTION VI - TOXICOLOGICAL PROPERTIES

WHMIS CLASSIFICATION: CLASS E - CORROSIVE MATERIAL

Primary routes of exposure: SKIN AND EYE CONTACT, INHALATION, INGESTION.

Exposure limits: SEE SECTION II FOR LIMITS FOR INGREDIENTS.

Acute effects of exposure: EYES: SEVERE IRRITATION, BURNS, DESTRUCTION OF TISSUE. DAMAGE MAY BE PERMANENT.

SKIN: SEVERE IRRITATION, BURNS, DESTRUCTION OF TISSUE.

INGESTION: SEVERE BURNS TO MUCUOUS MEMBRANES, DESTRUCTION OF TISSUE. DANGER - MAY BE FATAL IF SWALLOWED.

INHALATION: IRRITATION TO RESPIRATORY TRACT, PULMONARY EDEMA.

Chronic effects of exposure: NONE KNOWN. **Sensitizer:** NOT KNOWN TO BE A SENSITIZER.

Carcinogen: NOT LISTED - IARC, NTP, OSHA **Mutagen:** NOT KNOWN AS A MUTAGEN.

SECTION VII - PREVENTION MEASURES

Gloves: ACID RESISTANT GAUNTLET TYPE GLOVES	Respirator: WEAR A NIOSH APPROVED RESPIRATOR WHERE TLVs MAY BE EXCEEDED.	Eye protection: GOGGLES AND / OR FACE SHIELD
Footwear: NO SPECIAL REQUIREMENTS	Clothing: PROTECTIVE CLOTHING TO PREVENT SKIN CONTACT.	Other: EMERGENCY SHOWER AND EYE WASH STATION.

Engineering controls: LOCAL AND MECHANICAL VENTILATION RECOMMENDED.

Leak and spill procedures: CONTAIN SPILL AND VENTILATE AREA. SOAK UP SPILLED MATERIAL WITH INERT ABSORBENT AND PLACE IN A PROPERLY LABELLED CONTAINER FOR DISPOSAL. **Waste disposal:** CONSULT LOCAL ENVIRONMENTAL AUTHORITIES.

Handling and storage requirements: CORROSIVE MATERIAL. STORE AWAY FROM ALKALINE MATERIALS AND REACTIVE CHEMICALS. DO NOT MIX WITH CHLORINE BLEACH, AMMONIA OR ANY OTHER CLEANING CHEMICALS. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE. KEEP OUT OF THE REACH OF CHILDREN.

Special shipping information: CORROSIVE LIQUID, N.O.S. (PHOSPHORIC ACID) CLASS 8 - UN1760 PACKING GROUP III.

SECTION VIII - FIRST AID MEASURES

Eye contact: FLUSH EYES AND UNDER EYELIDS WITH PLENTY OF COOL WATER FOR AT LEAST 15 MINUTES. OBTAIN MEDICAL ATTENTION.

Skin contact: REMOVE CONTAMINATED CLOTHING AND LAUNDER SEPARATELY BEFORE RE-USE. WASH WITH SOAP AND WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS, OBTAIN MEDICAL ATTENTION.

Ingestion: CONTACT PHYSICIAN OR POISON CONTROL CENTRE IMMEDIATELY. DO NOT INDUCE VOMITING. GIVE 1 – 2 GLASSES OF WATER. DO NOT INDUCE VOMITING. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

Inhalation: REMOVE PERSON TO FRESH AIR AND CALL A PHYSICIAN IMMEDIATELY.

SECTION IX - PREPARATION DATA

Information sources: MANUFACTURER'S MSDS

Prepared by: SHARE CANADA

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