

MATERIAL SAFETY DATA SHEET

REVAFILTER

MAREVA INC.
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1 - IDENTIFICATION OF THE SUBSTANCE :

COMPOSITION : Strong acids, solvants (alcohol), detergents
TRADE NAME : **REVAFILTER**
USE : Cleaning product for swimming pool filters.
DESCRIPTION: green liquid (foaming) with a slight odor.

2 - PHYSICAL DATA :

pH at 68F / 20°C(pure product) : < 0.5
FLASH POINT : no detected
AUTO FLAMMABILITY :not auto flammable
EXPLOSIVITY : not explosive
VOLUME MASS : 1000 to 1100 kg/m3
SOLUBILITY - soluble in water in all proportions
- Soluble in alcohols and polar solvents
- Not soluble in acetone, toluene, apolar solvents.

3 - HAZARDOUS INGREDIENTS

MATERIAL	CAS N°	HAZARD DATA (pure product)
Orthophosphoric acid	7664-38-2	Corrosive Product
Sulfuric acid	7664-93-9	Corrosive product
Hydrogen chloride	7647-01-0	Corrosive product
2-propanol	67.63.0	Irritant to eyes and respiratory system
Polymer	9036-19-5	Harmful if swallowed, risk of serious damage to eyes, irritant to skin
Sodium cumene sulfonate	32073-22-6	Irritant to eyes

4 - FIRE AND EXPLOSION HAZARD DATA

SPECIFIC DANGERS

The product is not flammable and there is not explosion danger

EXTINCTION MEANS All fire fighting means are authorized.

5 - HEALTH HAZARD DATA

HAZARDOUS FOR HUMANS

EYE CONTACT Cause severe burns to the eyes
SKIN CONTACT Cause severe burns to the skin.
INHALATION Cause severe burns to the respiratory system

6 - EMERGENCY AND FIRST AID PROCEDURE

EYE CONTACT Rinse thoroughly with water during 5 to 10 minutes.
Seek medical advice if eye irritation persists.
SKIN CONTACT Remove contaminated clothing. Rinse thoroughly with water during 5 to 10 minutes. Seek medical advice if eye irritation persists.
SWALLOWING Make the victim drink alkalised but not carbonated water.
Do not induce vomiting. Seek medical advice.

7 - TOXICOLOGICAL INFORMATION

STRONG TOXICITY Not harmful to human.
CHRONICAL TOXICITY No chronical toxicity.
EFFECTS ON HUMAN The product causes severe burns.

8 - REACTIVITY DATA

STABILITY Stable between -14 F (10°C) and 176 F (80°C).
CONDITIONS TO AVOID Temperatures over 140 F (60°C) (emission of dimethylcarbinol steam).
REACTIVITY Despite its low pH (pH = approx. 0.4) this product does not imply violent reactions with alkaline products (exothermical reaction only)

9 - SPILL, LEAKAGE & DISPOSAL PROCEDURES

PERSONAL PRECAUTIONS Stay away from possible ejections.

CLEAN UP PROCEDURE

Absorb on a solid neutral material (sand, ...), Pick up mechanically,
Rinse contaminated surface with water.

DESTRUCTION Dilute the product in large quantities of water, Adjust pH in order to reach neutrality, Dispose according to local regulations in force.

10 - SPECIAL PROTECTION DATA

Ocasional handling of product: gloves and goggles recommended.

Repeated or continuous handling of product : labour clothing covering body and limbs, and wear gloves and goggles.

11- SPECIAL PRECAUTIONS DATA

HANDLING Handle preferably away from any ignition source.
Take all usual precautions, as those for handling of domestic products.

STORAGE Store in a cool and ventilated place (storage temperature < 40°C).
Keep in original and well closed packaging.

RECOMMENDED MATERIAL Polyethylene, Polypropylene, PVC.

INADVISABLE MATERIAL Metallic materials

12- TRANSPORTATION INFORMATION

ONU N° = 3264 corrosive inorganic acid liquid, n.s.a. (Sulfuric acid, orthophosphonic acid, hydrogen chloride)
ROAD TRANSPORT Class 8 – PG = II
danger code = 80

The above information is based on the present state of our knowledge of the product at the time of the up-dating. It is given in good faith, no warranty is implied with respect to the quality or the specification of the product. The user must satisfy himself that the product is entirely suitable for his purpose.
