

MATERIAL SAFETY DATA SHEET

REVAFLOCK

MAREVA INC.
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1 - IDENTIFICATION OF THE SUBSTANCE :

CHEMICAL NAME : Aluminum chloride hydroxide sulfate
TRADE NAME : **REVAFLOCK**
USE : Flocculating product for clarification of sand filter swimming pool waters.
DESCRIPTION: colourless to slightly yellowish liquid (may have a white deposit).
CAS N° : 39290-78-3

2 - PHYSICAL DATA :

pH (pure solution) 3.2 +/- 0.3 (at 68F / 20°C)
TEMPERATURES - Boiling Point : 221F (105°C)
- Fusion point : 15.8F (-9°C)
FLASH POINT : not applicable
EXPLOSIVITY : not applicable
DENSITY (at 20°C.) 1.17
SOLUBILITY IN WATER soluble in all proportions

3 - HAZARDOUS INGREDIENTS

MATERIAL	CAS N°	BY WEIGHT	HAZARD DATA
Aluminum chloride hydroxide sulfate	39290-78-3	>8.5 % in equivalent Al ₂ O ₃	irritant to eyes

4 - FIRE AND EXPLOSION HAZARD DATA

GENERAL POINT The product is not combustible. It may release sulphur oxyde.
EXTINCTION MEANS All fire fighting means are authorized.
Use preferably sprayed water.

5 - HEALTH HAZARD DATA

EYE CONTACT Red blotches, strong irritations.
SKIN CONTACT Possible irritations
INGESTION Possible abdominal pain.

6 - EMERGENCY AND FIRST AID PROCEDURE

EYE CONTACT	Rinse immediately with water, keeping eyes well open and seek medical advice if irritation persists or develops.
SKIN CONTACT	Rinse immediately with water contaminated parts.
INGESTION	Rinse mouth with water. Give several glasses of drinking water and induce vomiting.

In case of trouble, seek medical advice

7 - TOXICOLOGICAL INFORMATION

ACUTE TOXICITY	swallowing: LD50/oral/rat: 11.8g/kg almost not harmful to animals.
LOCAL EFFECTS	Not irritant to skin (rabbit) Irritant to eyes (rabbit)

8 - REACTIVITY DATA

STABILITY	The product is physically and chemically stable. It turns into sulphur dioxide in case of overheating at temperatures over 1112F / 600°C.
REACTIVITY	The product reacts with: strong bases, chlorites, hypochlorites, sulfites.

9 - SPILL, LEAKAGE & DISPOSAL PROCEDURES

PRECAUTION	Use personal protection. Avoid releasing product in "rain water" networks
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CLEAN UP PROCEDURE
Adsorbe on a neutral material and pick up mechanically. Rinse with plenty of water contaminated parts.

NEUTRALIZATION Dilute in water. Neutralize with a weakly alkaline solution (pH=7.5)

DISPOSAL CONSIDERATIONS :
Dilute the product to be disposed in plenty of water (possibly: neutralize it with an alkaline product). Dispose the product according to regulations in force.

10 - SPECIAL PROTECTION DATA

OCCASIONAL HANDLING OF THE PRODUCT :

gloves and goggles recommended.

REPEATED OR CONTINUOUS HANDLING OF THE PRODUCT:

working clothes covering body and members, gloves and goggles.

VME= 2mg/m³ (in AI)

11- SPECIAL PRECAUTIONS DATA

HANDLING Take usual precautions for handling of chemicals.

STORAGE In a dry place, in original well closed packaging.
Do not store next to strong bases.

INCOMPATIBLE MATERIALS iron, inox, aluminium,...

12- TRANSPORTATION INFORMATION

This material is not a hazardous material and is not regulated by the D.O.T.

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.
