

MATERIAL SAFETY DATA SHEET

REVASPA SCHOCK

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1 - IDENTIFICATION OF THE SUBSTANCE :

CHEMICAL NAME & SYNONYMS : hydrogen peroxyde (7.5% by weight)
CHEMICAL FAMILY : Inorganic Peroxyd
FORMULA : H₂O₂
TRADE NAME : **REVASPA SHOCK**
USE : Product used to clarify spa water.
DESCRIPTION : Clear, colorless liquid, slightly pungent.
CAS NO. : 7722-84-1

2 - PHYSICAL DATA :

pH (pure product) < 2.00 at 68F/20°C
FLASH POINT not applicable
EXPLOSIVITY not explosive
VOLUME MASS 1020 to 1040 kg/m³
SOLUBILITY soluble in water in all proportions

3 – HAZARDOUS INGREDIENTS

MATERIAL	CAS N°	BY WEIGHT	HAZARD DATA
hydrogen peroxyde	7722-84-1	7.5%	Irritant to the eyes and skin at 7.5%

4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT not applicable
EXTINCTION MEANS Sprayed Water. Foam extinguishers. CO₂ extinguisher
FORBIDDEN EXTINCTION MEANS Powder extinguisher (catalyses decomposition of the product).
PROTECTION EQUIPMENT Chemical products fire fighting equipment . Weart a self-contained breathing apparatus
SPECIFIC DANGERS Packagings exposure to heat (> 60°C/140F) provokes the decomposition of the product, with formation of a large volume of oxygene (overpression and bursting of packaging). This oxygene pokes fire.
PRECAUTIONS In case of fire, keep other packagings away from the danger zone. Hose (sprayed water) the packagings near the fire (to cool down).

5 - HEALTH HAZARD DATA

SKIN AND EYE CONTACT Irritations (temporary bleaching of skin).

INGESTION Irritation of mucous membranes and abdominal pain.

INHALATION In case of prolonged exposure, the product is irritant to respiratory system.

6 - EMERGENCY AND FIRST AID PROCEDURE

INHALATION Bring the victim to open air.

EYE CONTACT Rinse immediately with plenty of water (eyes wide open)

See a specialist if irritations continue.

SKIN CONTACT Wash immediately with plenty of water.

Seek medical attention if irritations continue.

SWALLOWING Do not induce vomiting. Drink tepid water (if the victim is conscious)

See a specialist if pain continues.

7 - TOXICOLOGICAL INFORMATION

STRONG TOXICITY LD 50 ingestion (rat) = 1640 mg/kg

LD 50 skin (rabbit) = 1410 mg/kg

LD 50 inhalation (rat) = 450 mg/kg

8 - REACTIVITY DATA

STABILITY The product is stable between 14 to 140F (-10 to +60°C) in normal conditions of storage. Product stability diminishes with dilution, presence of heavy metals,..

REACTIVITY Decomposition of the product is exothermic and auto-catalysed with formation of a large volume of oxygene (overpression and bursting of packaging). This oxygene pokes fire. Do not put in contact with alkaline or reducer combustibles.

9 - SPILL, LEAKAGE & DISPOSAL PROCEDURES

PERSONAL PRECAUTIONS suitable clothing

WARNING prevent the product from being released in sewerage systems,

CLEAN UP PROCEDURE

for large quantities, absorb the product on a neutral material (sand, earth) but avoid rag, sawdust,... and any other combustible product. Rinse the container before disposal !

DESTRUCTION Dilute the product in large quantities of water.

Put the diluted solution in the sewerage system if regulations authorize it.

If not, the diluted product can be destroyed thanks to a reducer, for example : sodium thiosulfate in solution.

10 - SPECIAL PROTECTION DATA

previous version : 18/07/03

Last up-dating : 18/06/09

HAND PROTECTION waterproof gloves (rubber, PVC,...)

EYE PROTECTION goggles

BODY PROTECTION suitable clothing, body covering.

11- SPECIAL PRECAUTIONS DATA

HANDLING Usual precautions for handling of acid products.
Keep in original container, use degazing cap, supplied with original container

STORAGE Store in a fresh and well ventilated room. Avoid exposure to any heat source
(heating, sun,...). Store packagings straight (anti gas cap)

COMPATIBLE MATERIALS : Passive inoxidable steels (AISI 304 and 316) , high density polyethylene,
polypropylene, glass.

INCOMPATIBLE MATERIALS : Black steel, iron, and any other material potentially combustible...

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.
