

0789841

MATERIAL SAFETY DATA SHEET

REVASTOP-CHLORINE

MAREVA INC.
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1 - IDENTIFICATION OF THE SUBSTANCE :

CHEMICAL NAME : Sodium hyposulfite (in solution in water).
TRADE NAME : **REVASTOP-CHLORINE**
USE : Product (reducer) for neutralization of oxydizers(chlorinated, bromated derived).
DESCRIPTION: colourless liquid.
CAS N° : 7772-98-7

2 - PHYSICAL DATA :

pH (pure solution) 6.7 - 6.9 (at 68F / 20°C)
DECOMPOSITION TEMPERATURE : ca. 203F (95°C) (beginning of water evaporation)
FLASH POINT : not applicable
EXPLOSIVITY : not applicable
VOLUMIC MASS approx. 1100 - 1200 kg/m3
DYNAMIC VISCOSITY -
SOLUBILITY IN WATER soluble in water in all proportions.

3 - HAZARDOUS INGREDIENTS

MATERIAL	CAS N°	HAZARD DATA
Sodium hyposulfite	7772-98-7	none

4 - FIRE AND EXPLOSION HAZARD DATA

SPECIFIC DANGERS Production of sulphur dioxide (SO₂) in case of product exposure to high temperatures (decomposition of the active product).
EXTINCTION MEANS All fire fighting means are authorized . Beware of surrounding products.

5 - HEALTH HAZARD DATA

Reducing product, considered as hazardless.
This product is only slightly irritant to eyes and skin.

6 - EMERGENCY AND FIRST AID PROCEDURE

EYE CONTACT Wash contaminated parts
SKIN CONTACT Wash immediately with plenty of water

INGESTION Induce vomiting only if the victim is conscious and if swallowed quantities are large. Seek medical advice

7 - TOXICOLOGICAL INFORMATION

The toxicity of this solution is very weak.
The active substance (sodium hyposulfite) can even be used in a therapeutic way against intoxications due to heavy metals or cyanide.
No mutagenic, carcinogenic or teratogenic effects revealed at the day of publication, even at high exposure rates.

8 - REACTIVITY DATA

STABILITY The product is stable in normal storage conditions.
REACTIVITY Dangerous reactions with acids (emanations of sulphur dioxide: SO₂) and oxidizers (strong exothermic reaction)

9 - SPILL, LEAKAGE & DISPOSAL PROCEDURES

CLEAN UP PROCEDURE

Rinse contaminated parts with water.
It is possible to dispose cleaning up waters (largely diluted) in sewerage system.

DISPOSAL CONSIDERATIONS :

Small quantities : dilute and dispose in sewerage system.
Larger quantities : Neutralize the product with hydrogen peroxide or a solution of sodium hypochlorite.
Dilute the solution with water before disposal in sewerage system.

10 - SPECIAL PROTECTION DATA

No particular precaution
Use gloves and goggles in case of handling of large quantities.

11- SPECIAL PRECAUTIONS DATA

HANDLING Usual precautions for handling of chemical products.
STORAGE In original packaging. Keep away from strong acids

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.
