

MATERIAL SAFETY DATA SHEET

Prepared By:
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PRODUCT IDENTIFICATION

Product Name : **SATFAB HYPO**
Manufacture's Name : SATOL CHEMICALS
Telephone No. : +91 22 28913865
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Emergency : +91 9321496201 / +91 9869652046
Product : Chlorine Bleach
Chemical Composition : Sodium Hypo Chloride 50% - 60%
PBTC 0.5%

PHYSICAL & CHEMICAL CHARACTERISTICS

Appearance : Clear liquid
Specific Gravity : 1.09
pH : 11.71 (1% solution)
pH : 12.31 (Concentrate)

STABILITY & REACTIVITY DATA

Stability : No decomposition, if used according to specifications.
Incompatible Material : Reacts with soft metals such as aluminium.
Hazardous Decomposition : No dangerous decomposition products known.
Hazardous Polymerization : Will not occur.
Conditions to be avoided : Must not be disposed with domestic waste.

TOXICOLOGICAL INFORMATION

Acute Toxicity:

LD50/ RAT > 5000 mg/kg

Primary Irritant Effect:

On the skin: Irritation only after prolonged contact

On the eyes: Irritation

Note:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

SPILL OR LEAK PROCEDURES

Stop spill at sources. For small spills, soak up with towel, paper, mop or other available absorbent. For large spills, transfer to salvage drum, and wash surface with water & collect the washings.

Waste Disposal Method:

Dispose in accordance with all applicable Federal, State & Local regulations.

SAFETY AND HEALTH INFORMATION

Coping with health information:

HAZARD	EFFECT	PREVENTION	FIRST AID
Eyes	Irritation	Use safety goggles	Flush eyes with plenty of water for 15 min. Contact physician.
Skin	Irritation and burns	Use of protective clothing	Flush with plenty of water.
Ingestion	Irritation and burns	Use face shield as preventive measure in case of ingestion do not induce vomiting . Drink plenty of water or milk and call physician immediately.	

Coping with storage and handling hazard:

HAZARD	EFFECT	PREVENTION
Heat	N/A	Store the product in a well ventilated, cool and dry place.
Ageing	It is a stable compound under normal condition.	It should be kept free of reactive contaminants.
Light	N/A	Keep away from direct sunlight, strong radiations.
Spark	It is non flammable.	It should be kept free of reactive contaminants.
Flame	It is non flammable.	It should be kept free of reactive contaminants.

- Housekeeping procedures : Containers should be stored in a well ventilated cool, dry place, protected by sun and heat.
: Combustible material should not be stored with this material.
- Material of construction : When kept completely dry, this product is not corrosive to S.S. & glass lined containers.
- Material of construction of Transfer Equipments : Stainless steel, plastic, glass, HDPE

SPECIAL PRECAUTIONS

- Ventilation : Adequate ventilation required.
- Protective gloves : Chemical resistant
- Other protective instruments : Eye wash station & safety shower
- Work & hygienic practices : Wash hands after handling.
Ingestion will lead to a strong alkali effect on mouth and
- Other precautions : throat and to the danger of perforation of esophagus and stomach.

*The information contained is based on data believed to be reliable by Satol Chemicals.