



MSDS FOR MAGNESIUM HYPOPHOSPHITE.

SECTION 1.

PRODUCT NAME : MAGNESIUM HYPOPHOSPHITE.

FORMULA : $\text{Mg}(\text{H}_2\text{PO}_2)_2 \cdot 6\text{H}_2\text{O}$.

MOLECULAR WT : 262.

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SECTION 2: HAZARDOUS INGREDIENTS / IDENTITY INFORMATION.

HAZARDOUS INGREDIENTS : WHITE / YELLOW PHOSPHOROUS
CALCIUM HYDROXIDE
SODIUM HYDROXIDE.
MAGNESIUM CARBONATE / OXIDE /
HYDROXIDE
HYDROCHLORIC ACID.

SECTION 3: PHYSICAL / CHEMICAL CHARACTERISTICS

BOILING POINT: UNKNOWN , MELTING POINT: UNKNOWN

VAPOUR PRESSURE (MM , HG): UNKNOWN.

VAPOUR DENSITY(AIR=1): UNKNOWN.

EVAPORATION RATE: UNKNOWN.

SOLUBILITY IN WATER: 1 GM IN 10 ML BOILED AND COOLED WATER.

APPEARANCE AND ODOR: WHITE ODORLESS CRYSTALLINE POWDER.

SECTION 7: PRECAUTIONS OF SAFE HANDLING AND USE.

STEPS IF MATL RELEASED/ SPILLED: REMOVE IGNITION SOURCES, CONTROL SPILL, SWEEP UP INTO DRUM FOR RECLAIM OR FOR DISPOSAL.FINALLY FLUSH SPILL AREA WITH WATER.

PRECAUTIONS HANDLING / STORING: STORE IN COOL , DRY, WELL VENTILATED AREA. PROTECT FROM PHYSICAL DAMAGE. AVOID ANY PHYSICAL CONTACT. KEEP CONTAINERS TIGHTLY CLOSED.

SECTION 8 : ACCIDENTAL RELEASE MEASURES.

Person related precautionary measures: Avoid generation of dusts; do not inhale dusts. Procedures for cleaning ; absorption: Take up dry. Forward for disposal. Clean up affected area.

Environmental- protection measures: Do not allow to enter sewerage system.

SECTION 9 : FIRST AID MEASURES:

After Inhalation : fresh air.

After skin contact : wash off with water.

After eye contact : Rinse out with plenty of water.

After swallowing: make victim drink plenty of water , induce vomiting. Summon doctor if not feeling well.

SECTION 10 : DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: DISSOLVE IN WATER THEN ROUTE TO TREATMENT FACILITY FOR OXIDATION AND LIME TREATMENT. BURY RESULTING SLUDGE AS LANDFILL IN ACCORDANCE WITH FEDERAL, STATE & LOCAL REGULATIONS.

SECTION 11:CONTROL MEASURES:

RESPIRATORY PROTECTION: USE APPROVED RESPIRATORE FOR DUSTS AND MISTS.

VENTILATION: USE ADEQUATE MECHANICAL VENTILATION.

PROTECTIVE GLOVES: RUBBER / NEOPRENE.

EYE PROTECTION: SAFETY GLASSES.

OTHER PROTECTIVE EQUIPMENT: NORMAL WORK CLOTHING COVERING ARMS AND LEGS.

WORK HYGIENIC PRACTISES: PRACTICE GOOD PERSONAL HYGENE AFTER USE. DO NOT SMOKE , EAT, DRINK UNTIL HANDS ARE WASHED.

SECTION 12 : ECOLOGICAL INFORMATION.

Ecotoxic effects: Quantitative data on the ecological effect of this product are not available.

The following applies to magnesium compounds in general: lethal for fish- 100 – 400 mg/l.

Further ecological data : No ecological problems are to be expected when the product is handled and used with due care and attention.

SECTION 13 : TOXICOLOGICAL INFORMATION

Quantitative data on the toxicity of this product are not available.

SECTION 14 : OTHER INFORMATION :

NONE.

SECTION 15 : REGULATORY INFORMATION

NONE.

SECTION 16: TRANSPORT INFORMATION.

Not subject to transport Regulations.

THE INFORMATION GIVEN ABOVE IS BASED ON THE PRESENT STATE OF OUR KNOWLEDGE. IT CHARACTERIZES THE PRODUCT WITH REGARD TO THE APPROPRIATE SAFETY PRECAUTIONS. IT DOES NOT REPRESENT A GUARANTEE OF THE PROPERTIES OF THE PRODUCT.

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