M SDS OF ZINC SULPHATE MONOHYDRATE

SECTION 1: PRODUCT AND PRODUCER/SUPPLIER DETAILS
PRODUCT NAME: Zinc Sulfate Monohydrate
SYNONYMS, TRADE NAMES: Zinc Sulfate
SUPPLIER: PROMISING CHEMICALS CO., LTD
ROOM 1310, DONGYI INTERNATIONAL BUILDING, 488 NORTH SHAOSHAN ROAD
CHANGSHA HUNAN CHINA. POSTAL CODE: 410007
TEL: 0086 731 85328848 FAX: 0086 731 85328847
WEBSITE: WWW.PROMISINGCHEM.COM
Emergency Contact Number: 0086 731 85328848

SECTION 2: HAZARDS IDENTIFICATION
Harmful if swallowed. Risk of serious damage to eyes. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
CLASSIFICATION:
Hazard Class and Category Code (s): Acute Tox. 4 *, Eye Dam. 1, Aquatic Acute 1, Aquatic Chronic 1
Hazard Statement Code (s): H302, H318, H400, H410

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS
Name                    EC No.          CAS-No.              Content          Classification
ZINC SULPHATE     231-793-3       7733-02-0          50-100%      Xi;R36/38 N;R50/53
The Full Text for all R-Phrases are Displayed in Section 16

SECTION 4: FIRST-AID MEASURES
INHALATION
Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

INGESTION
Provide rest, warmth and fresh air. Immediately rinse mouth and drink plenty of water (200-300 ml). Get medical attention if any discomfort continues.

SKIN CONTACT
Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.

EYE CONTACT
Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention immediately. Continue to rinse.

SECTION 5 FIRE-FIGHTING MEASURES
EXTINGUISHING MEDIA
Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.

SPECIFIC HAZARDS
Oxides of: Sulphur.

PROTECTIVE MEASURES IN FIRE
Self contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 7 ACCIDENTAL RELEASE MEASURES

--ACUTE TOX. 4*

HAZARD STATEMENT: ORAL: H302: HARMFUL IF SWALLOWED
PRECAUTIONARY STATEMENT PREVENTION (ORAL): P264, P270
PRECAUTIONARY STATEMENT RESPONSE (ORAL): P301 + P312 + P330
PRECAUTIONARY STATEMENT DISPOSAL (ORAL): P501

--EYE DAM. 1

HAZARD STATEMENT: H318: CAUSES SERIOUS EYE DAMAGE
PRECAUTIONARY STATEMENT PREVENTION: P280
PRECAUTIONARY STATEMENT RESPONSE: P305 + P351 + P338 + P310
PRECAUTIONARY STATEMENT DISPOSAL

--AQUATIC ENVIRONMENT

HAZARD STATEMENT: H400: VERY TOXIC TO AQUATIC LIFE
PRECAUTIONARY STATEMENT PREVENTION: P273
PRECAUTIONARY STATEMENT RESPONSE: P391
PRECAUTIONARY STATEMENT DISPOSAL: P501

--CHRONIC
HAZARD STATEMENT: H410: VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS
PRECAUTIONARY STATEMENT PREVENTION : P273
PRECAUTIONARY STATEMENT RESPONSE : P391
PRECAUTIONARY STATEMENT DISPOSAL: P501

SECTION 8 HANDLING AND STORAGE

USAGE PRECAUTIONS
Avoid spilling, skin and eye contact. Provide good ventilation.

STORAGE PRECAUTIONS
Keep containers tightly closed. Keep in original container.

STORAGE CLASS
Chemical storage.

SECTION 9 EXPOSURE CONTROLS / PERSONAL PROTECTION

PROTECTIVE EQUIPMENT

RESPIRATORY EQUIPMENT
If ventilation is insufficient, suitable respiratory protection must be provided.

HAND PROTECTION
Rubber gloves are recommended.

EYE PROTECTION
Wear approved safety goggles.

OTHER PROTECTION
Wear rubber apron. Wear rubber footwear.

SECTION 10 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE
Solid Powder, dust

COLOUR
White

SOLUBILITY
Soluble in water

pH-VALUE, DILUTED SOLUTION 5 - 6 5

SECTION 11 STABILITY AND REACTIVITY

STABILITY
Stable under normal temperature conditions and recommended use.
CONDITIONS TO AVOID
Avoid excessive heat for prolonged periods of time.

MATERIALS TO AVOID
Strong oxidising substances.

HAZARDOUS DECOMPOSITION PRODUCTS
Oxides of: Carbon

SECTION 12    TOXICOLOGICAL INFORMATION

INHALATION
Irritating to respiratory system.

INGESTION
Harmful if swallowed.

SKIN CONTACT
Irritating to skin.

EYE CONTACT
Risk of serious damage to eyes.

SECTION 13    ECOLOGICAL INFORMATION

ECOTOXICITY
The product contains a substance which is very toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

MOBILITY
The product is soluble in water.

DEGRADABILITY
The product is not readily biodegradable.

SECTION 14    DISPOSAL CONSIDERATIONS

GENERAL INFORMATION
Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.
Do not puncture or incinerate even when empty.

DISPOSAL METHODS
Dispose of waste and residues in accordance with local authority requirements.

SECTION 15    TRANSPORT INFORMATION

PROPER SHIPPING: NAME ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (ZINC
SULPHATE

dangerous substances and articles.

ADR CLASS NO.  9  ADR CLASS  Class 9: Miscellaneous

ADR PACK  GROUP III  HAZARD No. (ADR)  90
ADR LABEL NO.  9  HAZCHEM CODE  2Z
IMDG CLASS  9  IMDG PACK GR.  III
EMS  F-A, S-F  MFAG  See Guide
MARINE POLLUTANT No.  UN NO. AIR  3077

SECTION 16  REGULATORY INFORMATION

LABELLING
Pictogram, Signal Word Code(s):  GHS05, GHS07, GHS09, Dgr
Hazard Statement Code(s): H302, H318, H410

STATUTORY INSTRUMENTS
Chemicals (Hazard Information and Packaging) Regulations.
APPROVED CODE OF PRACTICE
Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations

SECTION 17  OTHER INFORMATION

REVISION DATE: 10, MARCH, 2011
SIGNATURE: LIU YI