

# SUPER GEM HEALTH AND SAFETY DATA SHEET



## 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

**PRODUCT NAME:** SUPER GEM

## 2. HAZARDS IDENTIFICATION

**MAIN HAZARDS:** Irritating to eyes and skin.

## 3. TOXICOLOGICAL INFORMATION

- SKIN CONTACT:** There may be irritation and redness at the site of contact.
- EYE CONTACT:** There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.
- INGESTION:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.
- INHALATION:** There may be irritation of the throat with a feeling of tightness in the chest.

## 4. FIRST AID MEASURES (ACTION)

- SKIN CONTACT:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.
- EYE CONTACT:** Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.
- INGESTION:** Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.
- INHALATION:** Remove casualty from exposure ensuring one's own safety whilst doing so.

## 5. FIRE-FIGHTING MEASURES

- EXTINGUISHING MEDIA:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

**SPECIAL EQUIPMENT:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## 6. ACCIDENTAL RELEASE MEASURES

**ENVIRONMENTAL PRECAUTIONS:**

Do not discharge into drains or rivers. Contain the spillage using bunding.

**CLEAN UP PROCEDURES:** Absorb into dry earth or sand. Transfer to a closable, labeled salvage container for disposal by an appropriate method.

## 7. HANDLING AND STORAGE

**HANDLING REQUIREMENTS:** Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Avoid the formation or spread of mists in the air.

**STORAGE CONDITIONS:** Store in cool, well ventilated area. Keep container tightly closed.

## 8. PHYSICAL AND CHEMICAL PROPERTIES

**STATE:** Liquid

**COLOUR:** Colourless

**ODOUR:** Barely perceptible odour

**SOLUBILITY IN WATER:** Soluble

**RELATIVE DENSITY:** 1.15 - 1.25

## 9. STABILITY AND REACTIVITY

**MATERIALS TO AVOID:** Strong Oxidising agents. Strong acids.

**HAZARD DECOMP:** In combustion emits toxic fumes.

## 10. ECOLOGICAL INFORMATION

Biodegradable. No bioaccumulation potential.

## 11. DISPOSAL CONSIDERATIONS

The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

## 12. TRANSPORT INFORMATION – ADR / RID

**UN no:** 3264 **ADR Class:** 8 **Packing group:** III **Classification code:** C1  
**Shipping name:** CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (ORTHOPHOSPHORIC ACID...20%)  
**Labelling:** 8 **Hazard ID no:** 80  
**IMDG / IMO**  
**UN no:** 3264 **Class:** 8  
**Packing group:** III **EmS:** F-A,S-B  
**Marine pollutant:** .  
**Labelling:** 8

## 13. REGULATORY INFORMATION

### SAFETY PHRASE:

S2: Keep out of the reach of children.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

## 14. COMPOSITION/INFORMATION ON INGREDIENTS

### Hazardous ingredients:

(C9 - C18)PARETH(2 - 18) 1-10%  
ORTHOPHOSPHORIC ACID 10-30%  
EINECS: 231-633-2 CAS: 7664-38-2  
[C] R34  
COCODIMETHYLAMINEOXIDE 30% 1-10%

## 15. EXPOSURE CONTROLS AND PERSONAL PROTECTION

**HAND PROTECTION:** Protective gloves.

**EYE PROTECTION:** Tightly fitting safety goggles. Ensure eye bath is to hand.

**SKIN PROTECTION:** Protective clothing.

## 16. OTHER INFORMATION