

Medizysis India private Limited
Material Safety Data Sheet IDGUARD OPA

1. Product Identification And Company Identification

Product Name: IDGUARD OPA

Application of the substance / the preparation: Cold Sterilization of Surgical Instruments

Company Name: Medizysis India Pvt Ltd

Manufactured By: Zenith Chemical & Allied Industries

Emergency Phone: 09953172258, 011-22343535

2. Information on Ingredients:

Name	CAS No.	% Range
Ortho Phthalaldehyde (1,2 benzenedicarboxaldehyde)	643-79-8	0 -1.0

3. HAZARDS IDENTIFICATION

Emergency over view:

IDGUARD OPA Solution should not be used to reprocess instruments for patients that have shown previous sensitivity to this solution or any of its ingredients.

Properties affecting health: May cause Sensitization by repeated Skin Contact.

Oral: Not Toxic orally.

Eye Contact: May Cause eye irritation and redness.

Skin Contact: May cause skin irritation. Repeated exposure may cause skin dryness or cracking. Exposure to skin may cause temporary staining.

Ingestion: Ingestion may cause gastrointestinal irritation, nausea, Vomiting and diarrhea.

Exposure can irritate and discolor the tissue of the mouth, esophagus and other tissue of the digestive track.

Inhalation: May cause irritation, coughing, wheezing, tightness of chest and throat. Difficulty in breathing and stinging sensation in nose and throat. Symptoms are temporary and reversible.

Hazard information:

Target organ effects: None

Reproductive effects: This material does not cause reproductive effects in humans.

Sensitization: May cause sensitization.

Signs and symptoms : None

4. First aid Measures:

Eye Contact: In case of contact with eyes, rinse immediately with plenty of water for 20 minutes and seek medical help.

Ingestion: Do not induce vomiting. Rinse mouth followed by drinking large quantity of water.

Inhalation: Move to fresh air immediately. If experiencing difficulty in breathing, seek medical help.

Skin Contact: Wash contaminated area thoroughly with soap and wter. Remove contaminated clothing and wash before reuse.

5. Fire Fighting measures

Flash point—not applicable

Auto ignition temperature: Not applicable.

NFPA rating: Health:1 flammability:0 reactivity: 0

Fire fighting information:

Suitable extinguishing media: Use any extinguishing agent which is suitable for the surrounding fire.

Hazardous combustion products: None

Explosivity: None

6. Accidental release measures:

Personal Precautions: Wear eye and skin protection while handling the material for clean-up. Avoid breathing vapors and /or mists. Wear chemical resistant gloves and suitable body protection.

Environmental Precautions: Do not wash down sewers or waterways.

Methods for cleaning up: Neutralize by sprinkling 5 gms of deactivating powder (available with the manufacturer) per liter of IDGUARD OPA solution spill. Thoroughly blend the deactivating powder in to the spill using mop or other tools. Allow 10 minutes contact for neutralization. Allow neutralization to continue for further 1 hour dispose of in accordance with state and local regulations. Clean contaminated surface thoroughly.

Precautions: Use in well ventilated area and use exhaust ventilation.

Safe handling advice: Wear appropriate personal protection. Avoid contact with skin, eyes and clothing's. Remove contaminated clothing wash thoroughly before reuse.

Storage: IDGUARD OPA should be stored between 20⁰C and 32⁰C.

Keep container tightly closed. Avoid contact with strong acids and bases. Keep away from oxidizing materials.

7. Personal Protection:

Engineering control: Ensure adequate ventilation

Eye Protection: Required

Hand Protection: Chemical resistant gloves required.

Skin and body protection: Wear protective clothing's.

Respiratory protection: None required

Other/general protection: None required.

8 Physical and chemical Properties:

Appearance: Clear

Physical state: Liquid

Color: greenish blue

pH : 7.2-7.8

Boiling Temp: 100⁰C

Sp. Gravity:1.0002 g/cc

Evaporation rate: Similar to water.

Water solubility: Soluble.

9. Toxicological Information

Local effects:

Oral: Non toxic

Eye irritation: May cause eye irritation

Skin irritation: May cause skin irritation.

Inhalation: Not known on product

Specific effects:

Corrosive effects: Not corrosive

Sensitization: May cause an allergic reaction.

Target organ effect: None

Mutagenic effect: None

Reproductive effect: None

Carcinogenic effect: None

Notice: The information herein is based on data considered to be accurate as of the date of preparation of this material safety data sheet. However, no warranty or representation, expressed or implied is made as to the accuracy or completeness of the forgoing data and safety information. The user assumes all liability for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices or from any hazard inherent in the nature of the product

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