



Safety Data Sheet

OPA Disinfectant

Section 1. Identification

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|------------------------------|---|---|-----------------------|
| Product Identifier | OPA Disinfectant | | |
| Synonyms | MDS88OPA28; MSD_SDS0280 | | |
| Manufacturer Stock Numbers | MDS88OPA28 | | |
| Recommended use | High-level disinfectant for professional medical use. | | |
| Uses advised against | N/A | | |
| Manufacturer Contact Address | Medline 3 Lakes Drive Northfield, IL, 6009 USA | | |
| | Phone (800) 633-5463 | Emergency Phone (800) 424-9300 CHEMTREC | Fax (847) 643-4436 |
| | Website www.Medline.com | | |

Section 2. Hazards Identification

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| Classification | EYE DAMAGE/IRRITATION - Category 2A SENSITIZATION - SKIN - Category 1 |
| Signal Word | Warning |
| Pictogram | |



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| Hazard Statements | Causes serious eye irritation May cause an allergic skin reaction |
| Precautionary Statements | |
| Response | If eye irritation persists: Get medical advice/attention. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If on skin: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse. |
| Prevention | Avoid breathing dust/fume/gas/mist/ vapors/spray. Contaminated work clothing must not be allowed out of the workplace. Wash hands thoroughly after handling. Wear eye protection/face protection/protective gloves. |
| Storage | N/A |
| Disposal | Dispose of contents/container in accordance with local/regional/national /international regulation. |
| Ingredients of unknown toxicity | 0% |
| Hazards not Otherwise Classified | No additional information available. |

Section 3. Ingredients

| CAS | Ingredient Name | Weight % |
|------------|------------------------------|-----------|
| 68439-46-3 | Alcohols, C9-11, ethoxylated | 1% - 5% |
| 643-79-8 | ortho-Phthalaldehyde | 0.1% - 1% |

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First-Aid Measures

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| Inhalation: | If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell. |
| Skin Contact: | In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Call a physician if irritation develops and persists. |
| Eye Contact: | In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. If irritation persists, get medical attention. |
| Ingestion: | If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell. |

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| Most important symptoms and effects, both acute and delayed: | Inhalation: May cause respiratory tract irritation. |
| | Skin contact: May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin. May cause sensitization by skin contact. |
| | Eye contact: Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. |
| | Ingestion: May be harmful if swallowed. May cause stomach distress, nausea or vomiting. |
| Indication of any immediate medical attention and special treatment needed: | Symptoms may not appear immediately. In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible). |

Section 5. Fire Fighting Measures

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| Suitable Extinguishing Media | Treat for surrounding material. |
| Unsuitable Extinguishing Media | None known. |
| Special hazards arising from the substance or mixture: | Fire hazard: Products of combustion may include, and are not limited to: oxides of carbon. |
| Advice for firefighters: | Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA). |

Section 6. Accidental Release Measures

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| Personal precautions, protective equipment and emergency procedures: | General measures: |
| | Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. |
| | Methods for Containment: |
| Methods and Materials for Containment and Cleaning up: | Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Use appropriate Personal Protective Equipment (PPE). |
| Reference to other sections: | Methods for Cleaning up: |
| | Scoop up material and place in a disposal container. |
| | See section 8 for further information on protective clothing and equipment and section 13 for advice on waste disposal. |

Section 7. Handling and Storage

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| Precautions for safe handling: | Precautions for safe handling: Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors /spray. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke. |
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Hygiene measures:
Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking.

Conditions for safe storage, including any incompatibilities:
Keep out of the reach of children. Keep container tightly closed.

Specific End use(s): Not available.

Section 8. Exposure Controls/Personal Protection

| Occupational Exposure Limits | Ingredient Name | ACGIH TLV | OSHA PEL | STEL |
|-----------------------------------|--|-----------|----------|------|
| | Alcohols, C9-11, ethoxylated | N/A | N/A | N/A |
| | ortho-Phthalaldehyde | N/A | N/A | N/A |
| Personal Protective Equipment | Goggles, Gloves, Apron | | | |
| Appropriate Engineering Controls: | Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits. | | | |
| Hand Protection: | Wear chemically resistant protective gloves. | | | |
| Eye Protection: | Wear eye protection. | | | |
| Skin and body protection: | Wear suitable protective clothing. | | | |
| Respiratory Protection: | In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. | | | |
| Environmental Exposure Controls: | Maintain levels below Community environmental protection thresholds. | | | |
| Other information: | Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking. Handle according to established industrial hygiene and safety practices. | | | |

Section 9. Physical and Chemical Properties

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| Physical State | Liquid |
| Color | Purple/Clear |
| Odor | Mild but distinctive |
| Odor Threshold | N.D. |
| Solubility | N.D. |
| Partition coefficient Water/n-octanol | N.D. |
| VOC% | N/A |
| Viscosity | N.D. |
| Specific Gravity | N/A |
| Density lbs/Gal | 1.013 |
| Pounds per Cubic Foot | N/A |
| Flash Point | N.D. |

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|---------------------------|-------------------|
| FP Method | N.D. |
| pH | 7.5-8 |
| Melting Point | N.D. |
| Boiling Point | >100°C (212°F) |
| Boiling Range | N.D. |
| LEL | N/A |
| UEL | N/A |
| Evaporation Rate | N.D. |
| Flammability | Not flammable |
| Decomposition Temperature | N.D. |
| Auto-ignition Temperature | N.D. |
| Vapor Pressure | N.D. |
| Vapor Density | N.D. |

Section 10. Stability and Reactivity

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| Reactivity: | No dangerous reaction known under conditions of normal use. |
| Chemical Stability: | Stable under normal storage conditions. |
| Possibility of hazardous reactions: | No dangerous reaction known under conditions of normal use. |
| Conditions to avoid: | Heat. |
| Incompatible materials: | None known. |
| Hazardous decomposition products: | May include, and are not limited to: oxides of carbon. |

Section 11. Toxicological Information

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| Information on Toxicological Effects: | Acute Toxicity: Not classified. |
| | OPA Disinfectant |
| | LD50 Oral rat: > 2000 mg/kg |
| | LD50 Dermal rabbit: > 2000 mg/kg |
| | LC50 Inhalation rat: > 20 mg/l/4h |
| | Alcohols, C9-11, ethoxylated CAS-No. 68439-46-3 |
| | LD50 Oral rat: 1400 mg/kg |
| | LD50 Oral rat: 1378 mg/kg |
| | LD50 Dermal rabbit: > 2 g/kg |
| | Ortho-Phthalaldehyde CAS-No. 643-79-8 |
| | LD50 Oral rat: 120 mg/kg |
| Skin corrosion/irritation: | Based on available data, the classification criteria are not met. |
| Serious eye damage/irritation: | Causes serious eye irritation. |

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| Respiratory/Skin Sensitization: | May cause an allergic skin reaction. |
| Germ cell mutagenicity: | Based on available data, the classification criteria are not met. |
| Carcinogenicity: | Based on available data, the classification criteria are not met. |
| Reproductive toxicity: | Based on available data, the classification criteria are not met. |
| Specific target organ toxicity (single exposure): | Based on available data, the classification criteria are not met. |
| Specific target organ toxicity (repeated exposure): | Based on available data, the classification criteria are not met. |
| Aspiration hazard: | Based on available data, the classification criteria are not met. |
| Symptoms/Injuries after inhalation: | May cause respiratory tract irritation. |
| Symptoms/Injuries after skin contact: | May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin. May cause sensitization by skin contact. |
| Symptoms/Injuries after eye contact: | Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. |
| Symptoms/Injuries after ingestion: | May be harmful if swallowed. May cause stomach distress, nausea or vomiting. |

Section 12. Ecological Information

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| Toxicity: | Ecology-general: May cause long-term adverse effects in the aquatic environment. |
| Persistence/degradability: | Not established. |
| Bioaccumulative potential: | Not established. |
| Mobility in soil: | No additional information available. |
| Other adverse effects: | Effect on ozone layer: No additional information available Effect on the global warming: No known ecological damage caused by this product. |

Section 13. Disposal

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| Waste Treatment Methods: | Waste disposal recommendations: This material must be disposed of in accordance with all local, state, provincial, and federal regulations. The generation of waste should be avoided or minimized wherever possible. |
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Section 14. Transport Information

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| UN Number | N/A |
| UN Proper Shipping Name | Not Regulated |
| DOT Classification | Not Regulated |
| Packing Group | Not Regulated |

Special transport
precautions:

Do not handle until all safety precautions have been read and understood.

Section 15. Regulatory Information

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| SARA 311/312: | Refer to Section 2 of the SDS. |
| SARA 302: | N.A. |
| SARA 304: | N.A. |
| SARA 313: | N.A. |
| TSCA: | All components are listed or exempt. |
| CERCLA Hazardous Substance List: | N.A. |
| Clean Air Act (CAA) Section 112, 112 (r): | N.A. |
| State Regulations: | N.A. |

Section 16. Other Information

Revision Date 9/24/2024

Legend
N.A. - Not Applicable
N.E. - Not Established
N.D. - Not Determined

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