



The Optical Supply Resource

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Job Tray Cleaner Safety Data Sheet

1. Identification

Product Identifier: OPTISOURCE JOB TRAY CLEANER

Other means of identification: Polish off, 99-278-1

Application or recommended use: Process cleaner

Restrictions on use: Do not use in any fashion not specified on the product label

Manufacturer / supplier: OptiSource

40 Sawgrass Drive

Bellport, NY 11713

Phone number: 631-924-8360

Emergency phone: +1-703-527-3887

2. Hazards Identification

GHS Classification: Classification of this mixture in accordance with paragraph (d) of §1910.1200.

Skin Corrosion/Irritation - Category 1B

Eye Damage/Irritation - Category 1

Corrosive to Metals - 1

Label Elements:



Symbol:

Signal word: DANGER

Hazard statements:

Causes severe skin burns

Causes serious eye damage.

May be corrosive to metals.

Precautionary statements:

Do not breathe mist/vapors/spray.

Wash hands, face and any skin contact thoroughly after handling.

Wear protective gloves/protective clothing/eye protection/face protection.

Keep only in original container.

Absorb spillage to prevent material damage.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. See 4. First-Aid Measures for specific treatment.

Store locked up in corrosive resistant container. Dispose of contents/container to an approved disposal facility.

Hazards Not Otherwise Classified: Harmful if swallowed.

3. Composition / Information on Ingredients:

Chemical characterization:

Hydrochloric acid solution, blended with detergents, germicides and auxiliary agents. Hazardous ingredients: 9.0% Hydrochloric acid (Muriatic acid) CAS 7647-01-0, EINECS/ELINCS 231-595-7

Remaining ingredients are not considered hazardous as per 29 CFR

4. First-Aid Measures:

Symptoms: Causes irritation or burning sensation. Causes severe skin burns and serious eye damage. Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

Inhalation: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth to an unconscious person. If respiratory irritation, dizziness, or unconsciousness occurs, seek immediate medical assistance.

Skin Contact: Remove contaminated clothing and wash before reuse. Wash contaminated area with soap and water for 15-20 minutes. Call a poison control center or doctor for treatment advice. **Eye Contact:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

Ingestion: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to a person who is unconscious or convulsing. If vomiting occurs, keep head below hips to reduce risk of aspiration. Probable mucosal damage may contraindicate the use of gastric lavage. Note to Physician: Treat exposed patients symptomatically.

5. Fire-Fighting Measures:

Suitable Extinguishing Media: Not applicable. Product is not a fire hazard.

Unsuitable Extinguishing Media: High pressure water jet.

Specific hazards in case of fire: Hydrogen chloride gas may be generated at high temperatures.

Special Fire Fighting Precautions: Fire fighters should wear appropriate protective equipment, including self-contained breathing apparatus and impervious clothing.

6. Accidental Release Measures Emergency Procedures:

Depending on the extent of release, consider the need for emergency responders with adequate personal protective equipment for clean up, need for evacuation or restriction of access to spill area.

Personal Precautions: Provide adequate ventilation. Do not eat, drink or smoke during clean up. If necessary, use self-contained respirator, or filtered mask. Wear protective clothing, eye protection and impervious gloves (e.g. neoprene). Wash thoroughly after clean up.

Environmental Precautions: Prevent spills from entering storm sewers/drains or contact with soil.

Clean up Methods: Small spills may be wiped up and rinsed with water. For larger spills, neutralize with sodium carbonate and absorb on fire retardant material (e.g. sand). Pick up absorbent and dispose of at an appropriate waste disposal facility.

7. Handling and Storage Precautions for Safe Handling:

Read label before use. Never use with chlorine products. Can react to give chlorine gas. If this occurs, flush toilet to remove chemicals and leave area. Do not return for half hour. Ventilate if possible. Never use or mix with other cleaners or chemicals. Do not use on any surface damaged by acid materials. Do not breathe mist/vapors. Wash hands, face and any skin contact thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves, protective clothing, eye protection, face

protection. Use product only according to label directions. If unsure about safe use, contact your supervisor. Use only in a well-ventilated area.

Conditions for Safe Storage: Keep out of reach of children. Do not contaminate water, food or feed by storage and disposal. Store locked up in tightly closed, original, corrosive resistant container in a cool (10° - 30° C), dry, well-ventilated area. Incompatibility: Chlorine bleach, alkali. Do not mix with anything but water.

8. Exposure Controls / Personal Protection

Components with occupational exposure limits: Component Reference TWA PEL Hydrochloric acid ACGIH 2 ppm (C) OSHA 5 ppm (C)

Engineering Controls: Proper ventilation in accordance with good industrial hygiene should be provided.

Personal Protective Equipment Respiratory: Respiratory protection is not necessary under normal conditions of use. If necessary to prevent exposure above occupational limits, use an approved cartridge style respirator. **Gloves:** Use water impervious gloves (latex or neoprene rubber). No breakthrough time has been established. **Eye Protection:** Chemical resistant goggles and face protection. **Other:** Protective clothing (long sleeves, pants), eyewash, safety shower are always advisable when working with chemicals.

9. Physical and Chemical Properties

Physical State - Liquid Color - Blue

Odor - Sassafras, acidic

Odor Threshold - No data available

Boiling Point - 212°F

Decomposition temperature - No data available

Freezing Point - 0°F

pH (Neat) - < 1

Relative Density - 1.040

Evaporation Rate - Similar to water

Auto-ignition temperature - Not applicable

Flash Point - None

Flammability - Not applicable

Flammability Limits - Not applicable

Partition coefficient - Not applicable

Solubility (Water) - Complete

Vapor Density - No data available

Vapor Pressure - No data available

Viscosity - Water thin % VOC - < 0.5 (Excluding LVP material)

10. Stability and Reactivity

Reactivity: No specific reactivity test data is available. Under normal conditions of storage and use, hazardous reactions are not expected.

Incompatible materials: Mixing with bleach, alkali, or oxidizers may generate toxic gases. Never use with chlorine products. Can react to form chlorine gas. Never use or mix with other cleaners or chemicals.

Chemical stability: This product is stable at ambient temperatures and pressures.

Conditions to avoid: Temperatures above 50°C or below 10°C.

Hazardous decomposition products: Hydrogen chloride

Possibility of Hazardous Reactions: No data available.

11. Toxicological Information

Acute Toxicity: Toxicity data is not available for this mixture. Data below are estimates based on summation methods. Test Results Classification (A.0.4.1(c)) Basis (A.1.3.6.1)

Oral > 2000mg/kg Not applicable Ingredient literature (Additive formula)

Dermal > 2000mg/kg Not applicable Ingredient literature (Additive formula)

Inhalation > 20 mg/L Not applicable Ingredient literature (Additive formula)

Eye Damage/Irritation Corrosion Category 1 Ingredient literature

Skin Damage/Irritation Corrosion Category 1B Ingredient literature Summary: Skin and eye contact are most likely routes of exposure. Exposure causes skin burns and serious eye damage.

Subchronic/Chronic Toxicity: Test Results Classification Basis Skin Sensitization Not a sensitizer Not applicable Ingredient literature. Summary: Repeated or prolonged contact causes skin burns and eye damage.

Carcinogens - Ingredients are not listed on the NTP Report on Carcinogens, *IARC Monographs or by OSHA *IARC does list "strong inorganic acid mists" as carcinogenic, but under normal conditions, no exposure to acid mists occurs. Acid solutions are not listed. Other data - No other toxicological information is available for this mixture.

12. Ecological Information:

This material has not been tested for acute environmental effects. Persistence and degradability: Material is not persistent. All organic components > 1% are readily biodegradable. Bio-accumulative potential: No evidence to suggest bio-accumulation will occur. Mobility: Accidental spillage may lead to penetration of soil and groundwater. However, due to degradability, no evidence suggests this would cause adverse ecological effects. Material will lower pH of affected area.

13. Disposal Considerations: RCRA Class - D002. Do not contaminate water, food or feed by disposal. If material cannot be disposed of by use according to label directions, contact your State Environmental Control Agency, or the hazardous waste representative at the nearest EPA Regional Office for guidance. Rinse container after emptying. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill. If container is one gallon or less, wrap empty container in plastic bag and discard in trash.

14. Transport Information:

Proper Shipping Name: UN1789 Hydrochloric acid solution RQ - 5000 Lbs. (Hydrochloric Acid)
Transport hazard class: 8 Hazard Label: Corrosive (When shipped as a Limited Quantity, labeling is not required.) Packing Group: II Emergency Guide No.: 154 Marine Pollutant: No 1

15. Regulatory Information

Inventory status: All components are listed on TSCA(US), EINECS/ELINCS(EU), DSL(Canada), AICS(Australia). OSHA Hazard Communication Standard: This product meets the §1910.1200 definition of a "Hazardous Chemical". Superfund Amendments and Reauthorization Act of 1986 Title III (EPCRA) Sections 311 and 312 Immediate (Acute) Health Hazard Yes Delayed (Chronic) Health Hazard No Fire Hazard No Reactive Hazard No Sudden Release of Pressure Hazard No Superfund Amendments and Reauthorization Act of 1986 Title III (EPCRA) Section 313 *Chemicals marked with an asterisk in "3. Composition/Information on Ingredients" are subject to reporting requirements for Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40CFR Part 372. Pennsylvania/New Jersey/Massachusetts Right to Know See "3. Composition/Information on Ingredients" for hazardous and top five ingredients over 1% (w/w). California Proposition 65: This product does not contain a listed substance known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute.

16. Other information

Date issued: 06/21/2022 F300-001 Revision: N/A

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