



Safety Data Sheet

3% U.S.P HYDROGEN PEROXIDE

Section 1. Identification

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|------------------------------|--|-------------------|----------------|
| Product Identifier | 3% U.S.P HYDROGEN PEROXIDE | | |
| Synonyms | HYDROGEN PEROXIDE 3% SOLUTION ; MDS098001; MDS098002; HDX10; HDX11 | | |
| Manufacturer Stock Numbers | MDS098001; MDS098002; HDX10; HDX11 | | |
| Recommended use | N/A | | |
| Uses advised against | N/A | | |
| Manufacturer Contact Address | Medline Industries, Inc. One Medline Place Mundelein, IL, 60060 USA | | |
| | Phone | Emergency Phone | Fax |
| | (800) 633-5463 | (800) 424-9300 | (847) 643-4436 |
| | | CHEMTREC CHEMTREC | |
| | Website | | |
| | www.Medline.com | | |

Section 2. Hazards Identification

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| Classification | ACUTE TOXICITY - DERMAL - Category 5 ACUTE TOXICITY - ORAL - Category 5 EYE DAMAGE/IRRITATION - Category 2B SENSITIZATION - SKIN - Category 1B |
| Signal Word | Warning |
| Pictogram | A red diamond-shaped border containing a black exclamation mark, which is the standard GHS pictogram for a warning. |

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| Hazard Statements | Causes eye irritation May be harmful if swallowed May be harmful in contact with skin May cause an allergic skin reaction |
| Precautionary Statements | |
| Response | Call a poison center/doctor/ ... /if you feel unwell. 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. Specific treatment (see ... on this label) 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 ...thoroughly after handling. Wear protective gloves. |
| Storage | N/A |
| Disposal | Dispose of contents/container to ... |
| Ingredients of unknown toxicity | 0% |
| Hazards not Otherwise Classified | No Data Available |

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| Section 3. Ingredients |
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| CAS | Ingredient Name | Weight % |
|-----------|--------------------------|----------|
| 7722-84-1 | Hydrogen peroxide (H2O2) | Unknown |

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

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| Section 4. First-Aid Measures |
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| Eye Contact: | Flush eyes with large amounts of water for at least 15 minutes. Remove contact lenses, if worn. If irritation persists, seek medical attention. |
| Inhalation | Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention. |
| Ingestion: | If swallowed, call a physician immediately. Rinse mouth and throat thoroughly with water. Do not induce vomiting unless directed to do so by a physician. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs. |
| Skin Contact: | Immediately flush skin with plenty of water while removing contaminated clothing and shoes. Do not reuse clothing or shoes until cleaned. If irritation develops or persists, get medical attention. Wash with soap and water. Do not apply oils or ointments unless ordered by the physician. |

Section 5. Fire Fighting Measures

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| Suitable Extinguishing Media | In case of fire, use Water, Carbon Dioxide (CO ₂), Foam, Dry Chemical |
| Unsuitable Extinguishing Media | |
| Unusual Fire and Explosion Hazards | |
| Special Fire Fighting Procedures: | Self contained breathing apparatus and full protective clothing recommended. |

Section 6. Accidental Release Measures

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| Non-hazardous Small Spill: | Should be cleaned up at the time of the spill. Take all necessary precautions and wear any personal protective equipment that is applicable. Dispose of per local and state regulations. |
| Non-hazardous Large Spill: | Should be cleaned up at the time of the spill. May require special treatment, equipment and/or emergency assistance. Dispose of per local and state regulations. |

Section 7. Handling and Storage

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| Handling Non-hazardous: | This product is considered to be an article which does not release or otherwise result in exposure to a hazardous chemical under normal use conditions. |
| Storage Non-hazardous: | Store in original package. Discard unused portion. Do not reuse. No special storage conditions required. |

Section 8. Exposure Controls/Personal Protection

| Occupational Exposure Limits | Ingredient Name | ACGIH TLV | OSHA PEL | STEL |
|-------------------------------|---|-----------|----------|------|
| | Hydrogen peroxide (H ₂ O ₂) | N/A | N/A | N/A |
| Personal Protective Equipment | Goggles, Gloves | | | |
| Engineering Controls: | Ventilation: Local exhaust. | | | |
| Respiratory Protection: | If vapor or mists are generated, wear a NIOSH/MSHA certified respirator that will protect against dust/mist. anic vapor/mist respirator. | | | |
| Skin Protection: | Protective gloves: Rubber Protective gloves: Vinyl. | | | |
| Eye Protection: | Wear chemical safety goggles while handling this product. Do not wear contact lenses. Wear additional eye protection such as face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material. | | | |
| Work/hygienic practices: | Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Safety shower and eye wash should be available close to work areas. | | | |

Section 9. Physical and Chemical Properties

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| Physical State | Liquid |
| Color | Clear colorless |
| Odor | No odor |
| Odor Threshold | N/A |
| Solubility | Soluble |
| Partition coefficient Water/n-octanol | N/A |
| VOC% | N/A |
| Viscosity | N/A |
| Specific Gravity | 1.1 |
| Density lbs/Gal | N/A |
| Pounds per Cubic Foot | N/A |
| Flash Point | N.A. |
| FP Method | N.A. |
| Ph | N/A |
| Melting Point | N.A. |
| Boiling Point | 21 Degrees F |
| Boiling Range | N/A |
| LEL | N/A |
| UEL | N/A |
| Evaporation Rate | > 1 |
| Flammability | N.A. |
| Decomposition Temperature | N/A |
| Auto-ignition Temperature | N/A |
| Vapor Pressure | 23 mmHg |
| Vapor Density | N/A |

Section 10. Stability and Reactivity

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| Stability: | Stable. |
| Reactivity: | None |
| Incompatibility (Materials to Avoid): | Reducing agents. |
| Hazardous Decomposition or Byproducts | None |
| Hazardous Polymerization | N.D. |
| Conditions to avoid: | Keep away from heat. |

Section 11. Toxicological Information

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| Acute Toxicity: Eye Contact | Contact may cause temporary moderate irritation |
| Acute Toxicity: Skin Contact | May cause mild irritation on patients with sensitive skin |
| Acute Toxicity: Inhalation | N.A. |
| Acute Toxicity: Ingestion | May be harmful if swallowed |
| Carcinogenicity: | None known |
| Chronic Toxicity: | None known |

Section 12. Ecological Information

Toxicity: N.A.

Section 13. Disposal

Waste Disposal: Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14. Transport Information

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| UN Number | N/A |
| UN Proper Shipping Name | Not Regulated |
| DOT Classification | Not Regulated |
| Packing Group | N/A |
| IMDG: | N.A. |
| IATA: | N.A. |

Section 15. Regulatory Information

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| US Federal Regulations: General Product Information | N.A. |
| US Federal Regulations: Clean Air Act | N.A. |
| US Federal Regulations: Component Analysis | N.A. |
| US Federal Regulations: Food & Drug Administration | N.A. |
| State Regulations: General Product Information | N.A. |
| State Regulations: Component Analysis | N.A. |
| Other Regulations: | N.A. |
| Other Classifications: | N.A. |
| WHMIS (Canada): | N.A. |
| California Prop.65: | N.A. |

Section 16. Other Information

Revision Date

5/29/2015

Legend

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

Additional Information

The information contained herein is furnished without warranty or legal responsibility of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees

Additional Information

NFPA - 1-0-0