



HASA HI-TEMP SPA NEUTRALIZER

Material Safety Data Sheet

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HASA HI-TEMP SPA NEUTRALIZER
Material Safety Data Sheet MSDS No. 406

IDENTIFICATION OF PRODUCT

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| Product Name: | Hasa Hi-Temp Spa Neutralizer |
| Common Chemical Names: | Antichlor |
| Chemical Names of Ingredients: | Sodium thiosulfate |
| Chemical Family: | Inorganic compound |
| CAS Registry Number: | 7772-98-7 |
| Empirical Formula: | Na O S |
| Molecular Weight: | 158.13 |

PHYSICAL AND CHEMICAL PROPERTIES

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|-----------------------------|----------------------|------------------------|--------------------|
| Vapor Pressure: | N/A | Flash Point: | N/A |
| Weight/Gallon: | N/A | pH: | 6.5 to 8.0 |
| Density [liquid]: | N/A | Odor: | None |
| Density: | 1.69 Sp Gr | Boiling Point: | 212 F |
| Melting Point: | 118 F | Freezing Point: | N/A |
| Physical State: | Transparent crystals | Color: | Clear, transparent |
| Solubility in Water: | 0.5 g/ml | Stability: | Stable |

PHYSICAL HAZARDS

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| Potential for Fire: | None |
| Potential for Explosion: | None |
| Reactivity: | None |
| Extinguishing Media: | Water |

| HEALTH HAZARDS | |
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| Signs and Symptoms of Exposure: | Mild irritant and relatively nontoxic in vivo. |
| Medical Conditions Aggravated by Exposure: | Allergic contact dermatitis |
| Oral [ingestion] LD₅₀: | 0.5 to 5 g/kg |
| Dermal [skin absorption] LD₅₀: | Mild irritant |
| Inhalation [breathing] LC₅₀: | Not a target organ |
| Eye Irritation: | Avoid eye contact |
| Skin Irritation: | Avoid skin contact |
| OSHA PEL | None established |
| NIOSH REL | None established |

| POTENTIAL ROUTE [S] OF ENTRY | |
|--------------------------------|---|
| Inhalation [Breathing]: | Use OSHA respirator regulations 29 CFR 1910.133 |
| Dermal [Skin]: | Wear gloves, boots to prevent repeated or prolonged skin contact. |
| Eyes: | Wear protective eyeglasses or safety goggles. |
| Ingestion: | Never eat, drink or smoke in work areas. |

| CARCINOGENIC [CANCER POTENTIAL] INFORMATION | |
|---|------------|
| National Toxicological Program [NTP] <i>Sixth Annual Report on Carcinogens</i>: | No listing |
| International Agency for Research on Cancer [IARC] <i>Monographs</i>, V. 1-53, Supps. 1-8: | No listing |
| Listed by Federal OSHA as Carcinogens: | No listing |
| Safe Drinking Water and Toxic Enforcement Act of 1986 [Proposition 65, California only]: | No listing |

| GENERAL PRECAUTIONS FOR SAFE USE AND HANDLING |
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| Avoid dust inhalation, use a OSHA approved respirator. |

| PERSONAL PROTECTION AND HYGIENE |
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| Wash hands before eating or drinking. |

| CLEAN-UP OF SPILLS |
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| Scoop spilled material into appropriate disposal container. |

| FIRST AID | |
|--------------------------------|---|
| Eye Contact: | Flush immediately with running water for 15 minutes. |
| Skin Contact: | Remove contaminated clothing, wash affected skin with soap and water. |
| Ingestion [swallowing]: | Give 1 to 2 glasses of water, then induce repeated vomiting. |

| FEDERAL/STATE LISTS/REGISTRATION/S/REPORTING REQUIREMENTS | |
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| CERCLA Hazardous Substance [Section 1010 [4], P.L. 96-510]: | Not listed |
| Extremely Hazardous Substance [40 CFR 355, Appendix A]: | Not listed |
| Pesticide Product 7 U.S.C. 136 et seq.: | Not listed |
| Toxic Substance under TSCA: | Not listed |

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| Pesticide Product [various State Laws]: | Not listed |
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| MATERIAL CLASSIFICATION | |
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| OSHA Hazard Communication Standard, Department of Labor, Occupational Safety and Health Division, 29 CFR 1910.1200: | None |
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| Hazardous Materials Transportation Regulations, Department of Transportation (Federal) 49 CFR 172.101 | |
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| Proper Shipping Description [1 gallon or less]: | None |
| Proper Shipping Description [greater than 1 gallon]: | None |

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| National Fire Protection Association NFPA 704 [1990]: | None |
| BOCA National Fire Prevention Code/National Building Code [1999 editions]: | None |
| Standard Fire Prevention Code/Standard Building Code [1997 editions]: | None |
| Uniform Fire Code/Uniform Building Code [1997 editions]: | None |
| Uniform Fire Code Standards 79-3, Uniform Fire Code, V. II [1997 edition]: | None |

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| RETURNABLE CONTAINERS | |
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| N/A |
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