

MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA'S Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form 174

IDENTITY AND DISTRIBUTOR'S INFORMATION

NFPA Rating: Health-2; Flammability-0; Reactivity-1; Special- COR		HMIS Rating: Health-2; Flammability-0; Reactivity-1; Personal Protection-B	
Manufactured For: UNISOURCE WORLDWIDE, INC. Address: 133 Peachtree St. NE. Address: Atlanta, GA 30303		DOT Hazard Classification: Corrosive Liquid, Basic, Inorganic, N.O.S., 8 (When inner container is 1 gallon or smaller: Consumer Commodity, ORM-D) Identity (trade name as used on label): ALLSTAR MSR MILDEW STAIN REMOVER (U17711, U17712, U17713)	
Phone: 800-UNISOURCE		MSDS Number: B00954 Revision - 1	
Emergency Response Number: 1-888-660-6737		Date Prepared: 04/02 Prepared By: IB	
NOTICE: JUDGEMENT BASED ON INDIRECT TEST DATA		Information Calls: (770)422-2071	

SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS-CHEMICAL NAMES AND COMMON NAMES (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)	CAS Number	SARA III LIST	OSHA PEL (ppm)	ACGIH TLV (ppm)	Carcinogen Ref. Source **
SODIUM HYPOCHLORITE	7681-52-9	No	NE	NE	d

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 212°F	Specific Gravity (H2O=1): 1.08
Vapor Pressure: PSIG @ 70°F (Aerosols): N/A	Vapor Pressure (Non-Aerosols)(mm Hg and Temperature): <17mm Hg @ 20°C
Vapor Density (Air = 1): N/D	Evaporation Rate (water = 1): 1.0
Solubility in Water: Soluble	Water Reactive: No
Appearance and Odor: Clear, colorless liquid with chlorine odor.	

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols) N/A	Auto Ignition Temperature: N/A	Flammability Limits in Air by % in Volume: % LEL: N/A % UEL: N/A
FLASH POINT AND METHOD USED (non-aerosols): None to boiling (TCC)	EXTINGUISHER MEDIA: Non-Combustible. Use media appropriate for surrounding fire.	
SPECIAL FIRE FIGHTING PROCEDURES: Cool exposed containers with water fog to prevent rupture of containers. Use self contained breathing apparatus if spill occurs in presence of other chemicals.		
Unusual Fire & Explosion Hazards: When mixed with incompatible materials, toxic gases can be released.		

SECTION 4 - REACTIVITY HAZARD DATA

STABILITY <input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE	HAZARDOUS POLYMERIZATION <input type="checkbox"/> WILL <input checked="" type="checkbox"/> WILL NOT OCCUR
Incompatibility (Mat. to avoid): Acids, nitrogen containing compounds (amines and/or ammonia), organic chemicals, aluminum or other reactive metals.	Conditions to Avoid: Do not mix with acids, ammonia or other organic or inorganic chemicals.
Hazardous Decomposition Products: CO, CO2. Temperatures above 110°F will destabilize sodium hypochlorite and may initiate release of trace amounts of chlorine gas.	

SECTION 5 - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: <input type="checkbox"/> INHALATION <input checked="" type="checkbox"/> INGESTION <input checked="" type="checkbox"/> SKIN ABSORPTION <input checked="" type="checkbox"/> EYE <input type="checkbox"/> NOT HAZARDOUS	
ACUTE EFFECTS:	
Inhalation: Mists of product can cause severe irritation to mucous membranes.	Skin Contact: Highly irritating. Prolonged & repeated liquid contact may result in chemical burns.
Eye Contact: Corrosive to eye tissue. Can cause eye damage.	
Ingestion: Severely irritating to mucosal membranes of mouth and throat. May cause severe chemical burn to esophagus and stomach lining.	
CHRONIC EFFECTS: Repeated exposure can cause tissue damage and scarring.	
Medical Conditions Generally Aggravated by Exposure: Pre-existing dermatitis.	

EMERGENCY FIRST AID PROCEDURES

Eye Contact: Flush with large amounts of water for at least 15 minutes while holding lids apart. Get immediate medical attention.
Skin Contact: Remove contaminated clothing & wash contaminated areas with plenty of water for 15 minutes. If irritation persists seek medical attention.
Inhalation: Remove to fresh air. If not breathing, resuscitate & administer oxygen if available. Seek immediate medical attention.
Ingestion: DO NOT INDUCE VOMITING. Drink 3 to 4 glasses of water, milk if available. Never give anything by mouth to an unconscious person. Get immediate medical attention.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (specify type): None required when used as directed. Use NIOSH approved respirator where mist or spray may be generated.	Eye Protection: Chemical goggles.
Protective Gloves: Rubber.	
Ventilation Requirements: Normal room ventilation is generally adequate. Use adequate local exhaust ventilation where mist or spray may be generated.	
Other Protective Clothing & Equipment: Clothing as needed to minimize contact. Eyewash stations and safety shower.	
Hygienic Work Practices: Do not eat, drink or smoke in work area. Wash immediately on contact.	

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps To Be Taken If Material Is Spilled Or Released: Contain spill. Do not contaminate sewer, ground or surface waters. Soak up spill in inert absorbent material & place in properly labeled leak-proof containers for proper disposal.
Waste Disposal Methods: Dispose of in accordance with all local, state and federal regulations.
Precautions To Be Taken In Handling & Storage: Store in original shipping containers in temperature controlled environment. Keep closed when not in use. Protect from freezing. Avoid storing in temperatures above 90°F.
Other Precautions &/or Special Hazards: KEEP OUT OF REACH OF CHILDREN. Read & follow label directions. Avoid bodily contact.

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.

** Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only