

SAFETY DATA SHEET

SYSTEMS STAIN REMOVER "S.S.R."



SECTION 1 – PRODUCT IDENTIFICATION

PRODUCT NAME: SYSTEMS STAIN REMOVER "S.S.R."

PRODUCT NUMBER: 018061

SYNONYMS: HYPOCHLORITE SOLUTION

CAS NUMNER: Mixture

UN NUMBER: UN1791

EMERGENCY RESPONSE GUIDE NUMBER: GUIDE 154

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SECTION 2 – HAZARDS IDENTIFICATION

HAZARD CLASSIFICATION: Skin Corrosive – 1B
Acute Toxicity – 4
Skin Sensitization – 1B
Aquatic Toxicity – 2

SIGNAL WORD: DANGER



HAZARD PICTOGRAMS:

HAZARD STATEMENTS: CAUSES SEVERE SKIN BURNS AND EYE DAMAGE
HARMFUL IF SWALLOWED
MAY CAUSE AN ALLERGIC SKIN REACTION
TOXIC TO AQUATIC LIFE

PRECAUTIONARY STATEMENTS:

PREVENTION: Read label before use. Keep/store away from heat, hot surfaces, sparks, open flames and other ignition sources. Use only non-sparking tools. Avoid breathing vapors. Do not eat, drink or smoke when using this product. Use only in a well-ventilated area. Wear protective gloves and eye protection. In case of inadequate ventilation, wear respiratory protection.

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RESPONSE: If swallowed, do NOT induce vomiting. Get medical attention. If on skin, rinse with plenty of water. If symptoms persist, get medical attention. If inhaled: remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms, get medical attention. If in eyes, rinse thoroughly for 15 minutes. Remove contact lenses and continue washing. Get medical attention. If on clothing, wash before reuse. In case of a fire, fight fire with normal precautions from a reasonable distance.

STORAGE: Store in a closed container. Keep in a cool well-ventilated place.

DISPOSAL: Dispose contents in accordance with federal, state, and local regulations.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE/MIXTURE:

INGREDIENT	PERCENT COMPOSITION	CAS NUMBER
Sodium hypochlorite 12.5%	60-70%	7681-52-9
Water	20-30%	7732-18-5
Proprietary Surfactant	1-5%	Proprietary
Proprietary Aqueous Surfactant Solution	1-5%	Proprietary
Proprietary Deodorizer	1-5%	Proprietary
Sodium hydroxide	<1%	1310-73-2
Potassium Chloride	<0.5%	7447-40-7

SECTION 4 – FIRST-AID MEASURES

IF INHALED: Remove to fresh air. If not breathing or breathing is difficult, give oxygen or artificial respiration and get medical attention.

IF SKIN CONTACT: Immediately wash skin with mild soap and large volumes of water. Remove contaminated clothing. Wash clothing before reuse. Get medical attention if symptoms persist.

IF EYE CONTACT: Thoroughly flush eyes with large volumes of clean, low pressure water for at least 15 minutes while holding eyelid open. Remove contact lenses, if worn, after initial flushing and then continue flushing. Get immediate medical attention.

IF SWALLOWED: Rinse mouth with water. Drink water. Do NOT induce vomiting. If vomiting occurs, keep head lower than hips to prevent aspiration. Get medical attention.

SECTION 5 – FIRE-FIGHTING MEASURES

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SUITABLE EXTINGUISHING MEDIA: Water fog or spray, alcohol resistant foam, dry chemical, carbon dioxide.

UNSUITABLE EXTINGUISHING MEDIA: Do not use water in a tight stream.

SPECIFIC FIREFIGHTING HAZARDS: If possible, keep nearby containers cool. Heat may build enough internal pressure to rupture a closed container, potentially spreading the fire and increasing risk. Oxides of carbon and other possible toxic solids, vapors, and/or gases may be emitted.

SPECIAL FIREFIGHTING EQUIPMENT/PROCEDURE: Wear full protective clothing and self-contained breathing apparatus or air mask. Fight large fires from a safe distance. If possible do not allow discharge runoff into the water environment.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPEMENT: Handle in accordance with good industrial hygiene and safety practice. Use chemical resistant gloves and safety glasses with side shields or goggles. To prevent contact with skin, wear clothing covering all exposed areas.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP/EMERGENCY PROCEDURE: Ventilate the area. Avoid breathing dust or vapor. Use a self-containing breathing apparatus or air mask for larger spills. Remove all sources of sparks or ignition. Clean and dispose contaminated area into an appropriate disposal container.

SECTION 7 – HANDLING AND STORAGE

HANDLING: Handle in accordance with good industrial hygiene and safety practice. Do not smoke near chemicals.

STORAGE: Keep in cool, well-ventilated area away from any source of heat, sparks, or open flames. Keep container sealed tight when not in use. Ensure proper labeling on the container.

SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION

INGREDIENTS:

INGREDIENT	OSHA	ACGIH	CERCLA RQ	SARA 302 EHS	SARA 313	HUMAN CARCINOGEN
Sodium hypochlorite 12.5%	No data	No data	100 lbs.	No	No	No
Water	No data	No data	None Listed	No	No	No
Proprietary Surfactant	No data	No data	None Listed	No	No	No

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Proprietary Aqueous Surfactant Solution	No data	No data	None Listed	No	No	No
Proprietary Deodorizer	No data	No data	None Listed	No	No	No
Sodium hydroxide	TWA 2 mg/m3	No data	1,000 lbs.	No	No	No
Potassium Chloride	No data	No data	None Listed	No	No	No

PERSONAL PROTECTIVE EQUIPMENT

Eye/Face Protection: Chemical goggles or face shield.
 Skin Protection: Protective gloves and impervious clothing.
 Respiratory Protection: In case of insufficient ventilation, wear suitable respiratory equipment. NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne containment concentrations. Respiratory protection must be provided in accordance with current regulations.

HYGIENE MEASURES: Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Wash thoroughly after handling.

ADDITIONAL MEASURES: Ensure adequate ventilation, especially in confined areas.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid
COLOR: Pale Yellow
ODOR: Chlorine Aroma
ODOR THRESHOLD: No data available
pH: 10-13
MELTING POINT/FREEZING POINT: No data available
BOILING POINT/RANGE: 230° F
FLASH POINT: >212° F
EVAPORATION RATE: No data available
LOWER EXPLOSIVE LIMIT: N/A
UPPER EXPLOSIVE LIMIT: N/A
VAPOR PRESSURE: No data available
VAPOR DENSITY: No data available
SPECIFIC GRAVITY: 9.51
SOLUBILITY IN WATER: Yes
SOLUBILITY IN OTHER SOLVENTS: No
PARTITION COEFFICIENT (N-OCTANOL/WATER): No data available
AUTO-IGNITION TEMPERATURE: No data available
DECOMPOSITION TEMPERATURE: No data available
VISCOSITY: No data available
VOC: 0.0

SECTION 10 – STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable under normal conditions of use

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HAZARDOUS POLYMERIZATIONS: None anticipated under normal conditions of use

HAZARDOUS DECOMPOSITION PRODUCTS: None anticipated under normal conditions of use

CONDITIONS TO AVOID: Keep away from heat, sparks, open flame, static electricity, and all ignition sources.

INCOMPATIBLE MATERIALS: Oxidizers

SECTION 11 – TOXICOLOGICAL INFORMATION

MEDICAL CONDITION AGGRAVATED: Pre-existing medical conditions in the following systems or organs may be aggravated by exposure to this product: Skin (dermatitis), eyes, liver, kidneys, nervous system, respiratory system (asthma, lungs). Repeated or prolonged exposure could produce target organ damage.

INHALATION: High concentrations may lead to Central Nervous System effects, including drowsiness, dizziness, nausea, headaches, paralysis, and possible unconsciousness. High vapor concentrations are irritating to the respiratory system and the eyes. Prolonged or repeated exposure may cause liver or kidney damage.

INGESTION: Product may be harmful or fatal if swallowed, as well as produce potential lung damage. It may produce Central Nervous System effects including dizziness, loss of balance and coordination, coma, or even death. It also is an irritant to the mouth, throat, and stomach.

EYES: The product will potentially cause moderate to significant eye irritation.

SKIN: Contact with the solution may cause mild to moderate skin irritation. Repeated contact may result in defatting and drying/cracking of the skin, which could result in significant skin irritation and dermatitis (rash). Skin absorption may produce systemic toxicity.

SECTION 12 – ECOLOGICAL INFORMATION

PERSISTENCE AND DEGRADABILITY: No data available

BIOACCUMULATIVE POTENTIAL: No data available

MOBILITY IN SOIL: No data available

OTHER ADVERSE EFFECTS: No data available

SECTION 13 – DISPOSAL CONSIDERATIONS

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WASTE DISPOSAL: Dispose of in accordance with federal, state and local regulations.

SECTION 14 – TRANSPORT INFORMATION

UN NUMBER: UN1791
UN PROPER SHIPPING NAME: HYPOCHLORITE SOLUTION
TRANSPORT HAZARD CLASS: 8
PACKING GROUP: III
CONSTITUENTS: Sodium Hypochlorite & Water

SECTION 15 – REGULATORY INFORMATION

TSCA STATUS: All known components of this product are listed or are exempt from listing.

SARA SECTION 311/312:

ACUTE:	Yes
CHRONIC:	Yes
FIRE:	No
REACTIVE:	No
PRESSURE RELEASE:	No

HMIS HEALTH: 3
HMIS FLAMMABILITY: 0
HMIS REACTIVITY: 1
HMIS PERSONAL PROTECTION: K

SECTION 16 – OTHER INFORMATION

PRODUCT REVISION DATE: 11/2/16
SDS REVISION DATE: August 23, 2023
SDS REVISION NUMBER: 1