SS932
LCD # 470 (Gallon)
LCD # 471 (Quart)

Safety Data Sheet

MICRO-KILL BLEACH GERMICIDAL BLEACH SOLUTION

Section 1. Identification

Product Identifier	MICRO-KILL BLEACH GERMICIDAL BLEACH SOLUTION
Synonyms	EVSCHEM900 ; EVSCHEM910 ; MSD_SDS0271
Manufacturer Stock Numbers	EVSCHEM900 ; EVSCHEM910
Recommended use	Hard, non-porous surface disinfectant. For professional and hospital use.
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 CHEMTREC	(847) 643-4436

Website
www.Medline.com

Section 2. Hazards Identification

Classification	This product is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).
Signal Word	
Pictogram	
Hazard Statements	No OSHA Hazard Classifications Applicable
Precautionary Statements	
Response	None
Prevention	None
Storage	None
Disposal	None
Ingredients of unknown toxicity	0%

Hazards not otherwise Classified:	Not applicable.
Unknown toxicity:	0.03 % of the mixture consists of ingredient(s) of unknown toxicity.
Other information:	No information available.
Interactions with Other Chemicals:	Reacts with ammonia or acids such as vinegar, rust removers, or toilet bowl cleaners to produce hazardous gases, such as chlorine and other chlorinated compounds.

Section 3. Ingredients

CAS	Ingredient Name	Weight %
7681-52-9	Sodium Hypochlorite	.65 %

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

Section 4. First-Aid Measures

General Advice:	Take proper precautions to ensure your own health and safety before attempting rescue and providing first aid. Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
Eye Contact:	If in eyes, hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
Skin Contact:	Wash skin thoroughly with soap and water. Call a poison control center or doctor for treatment advice.
Inhalation:	Remove to fresh air. Not a normal route of exposure. Call a poison control center or doctor for treatment advice.
Ingestion	If swallowed: Rinse mouth with water. Do not give sodium bicarbonate, fruit juices or vinegar. Do not induce vomiting. Call a physician or poison control center immediately. Only induce vomiting at the instruction of medical personnel. Never give anything by mouth to an unconscious person.
Most important symptoms and effects, both acute and delayed:	Exposed individuals may experience eye tearing, redness, and discomfort.
Indication of any immediate medical attention and special treatment needed:	There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media	In case of fire, use Water Spray. Dry chemical. Carbon Dioxide (CO2). Alcohol foam.
Unsuitable Extinguishing Media	N/A
Fire and Explosion hazards:	None known.
Hazardous combustion products:	Chlorine-containing gases.
Special Protective Equipment and Precautions for Fire-Fighters:	Evacuate area of unprotected personnel. Wear protective clothing including NIOSH-approved self-contained breathing apparatus. Remain upwind of fire to avoid hazardous vapors and decomposition products. Use water spray to cool fire-exposed containers and disperse vapors.

Section 6. Accidental Release Measures

Small Spill:	Absorb with an inert dry material and place in an appropriate waste disposal container.
Large Spills	Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. For personal protection, see section 8 of the SDS. Prevent entry into waterways, sewers or confined areas. Pick up and discard absorbing material. For waste disposal, see section 13 of the SDS. Avoid discharge into drains, water courses, or onto the ground.

Section 7. Handling and Storage

Precautions for Safe Handling:	Follow directions on product label to avoid contact with eyes or clothing. For use on hard non-porous surfaces only. Do not use with other chemicals such as ammonia, toilet bowl cleaners, rust removers, or acid. Not intended for use on fabrics. Prolonged use on metals may cause pitting or discoloration. If container is refillable, refill with this product only. Provide adequate ventilation. Avoid prolonged exposure. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. When using, do not eat, drink, or smoke. Wash hands before breaks and immediately after handling the product.
Conditions for safe storage, including any incompatibilities:	Keep containers tightly closed in a dry, cool and well-ventilated place. Do not contaminate water, food or feed by storage or disposal. Store away from incompatible materials (See section 10 of the SDS). Keep out of reach of children.

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits

Ingredient Name	ACGIH TLV	OSHA PEL	STEL
Sodium Hypochlorite	N/A	N/A	N/A

Personal Protective Equipment	N/A
Personal Protective Equipment:	Follow label directions.
Engineering Controls:	Ensure adequate ventilation. Ensure proper placement of safety shower and eyewash stations.
Eye Protection:	Wear eye protection as deemed necessary. Follow label directions.
Skin Protection:	Wear skin protection as deemed necessary. Follow label directions.
Respiratory Protection:	None required under normal conditions of use. Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.
Other protective equipment:	Wear suitable protective clothing as deemed necessary. Eye-wash station. Safety shower.
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.
General Hygiene Conditions:	Food, beverages, and tobacco products should not be carried, stored or consumed where this material is in use.

Section 9. Physical and Chemical Properties

Physical State	Liquid
Color	Clear liquid
Odor	Chlorine odor
Odor Threshold	N.D.
Solubility	Complete
Partition coefficient Water/n-octanol	N.D.
VOC%	N/A
Viscosity	N.D.
Specific Gravity	1.018
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	N.A.
FP Method	N.A.
Ph	12.5
Melting Point	N.D.
Boiling Point	N.D.
Boiling Range	N.D.
LEL	N/A
UEL	N/A
Evaporation Rate	N.D.
Flammability	N.D.
Decomposition Temperature	N.D.
Auto-ignition Temperature	No data
Vapor Pressure	N.D.
Vapor Density	N.D.

Relative density:	1.0180 @ 25°C
% Volatile (wt%):	N.D.
VOC (wt%):	N.D.
VOC (lbs/gal):	N.D.
Fire point:	N.D.

Section 10. Stability and Reactivity

Reactivity:	Do not use with ammonia, toilet bowl cleaner, rust removers or acids as this releases hazardous gases.
Chemical Stability:	Stable under recommended storage conditions.
Possibility of Hazardous Reactions:	Hazardous polymerization will not occur under normal conditions.
Conditions to avoid:	Do not use with ammonia or acids such as vinegar, rust removers, toilet bowl cleaners, etc, Do not mix with other chemicals. Do not place in contact with incompatible materials.
Incompatibility (Materials to Avoid):	Copper. Strong acids.
Incompatibility (Materials to Avoid)	Ammonia.
Incompatibility (Materials to avoid):	Ammonium compounds.
Incompatibility (Materials to Avoid)	Aluminum.
Incompatibility (Materials to Avoid):	Strong oxidizing agents. Reducing agents.
Incompatibility (Materials to Avoid)	Organic materials. Amines. Cleaners.
Incompatibility (Materials to Avoid):	Sodium sulfite
Incompatibility (Materials to Avoid)	Sodium thiosulfate.
Hazardous Decomposition or Byproducts:	Chlorine-containing gases. Reacts with acids to release poisonous chlorine gas. Sodium oxide.

Section 11. Toxicological Information

Route(s) of Exposure:	Eyes Skin Inhalation Ingestion
Information on likely routes of exposure:	Exposed induviduals may experience eye tearing, redness, and discomfort.
Symptoms/Effects: Acute, Delayed and Chronic:	Eye contact: May cause eye irritation. None expected under normal use. Skin contact: None expected under normal use. Inhalation: No adverse effects expected under normal use. Ingestion: Not normal route of exposure. None expected under normal use.
Acute Toxicity: Oral LD50:	Sodium Hypochlorite CAS-No. 7681-52-9 Species: Rat 8200 mg/kg
Acute Toxicity: Dermal LD50:	Sodium Hypochlorite CAS-No. 7681-52-9 Species: Rabbit > 10000 mg/kg
Acute Toxicity: Inhalation LC50	Sodium Hypochlorite CAS-No. 7681-52-9 No data available.
Cancer information:	This product does not contain 0.1% or more of the known or potential carcinogens listed in NTP, IARC, or OSHA.
Medical conditions aggravated by exposure to product:	Respiratory system disorders.
Other:	None known.

Section 12. Ecological Information

EPA:	Caution.
Ecotoxicological information:	No data available.
Chemical fate information:	No data available.

Section 13. Disposal

Hazardous Waste Number:	Assign as required.
Disposal Method:	Dispose of contents and containers according to the product label and in accordance with acceptable local, state, federal, national and international regulations. To dispose of non-refillable or refillable container, triple rinse container and offer for recycling. If recycling is not available, put in trash collection.

Section 14. Transport Information

UN Number	N/A
UN Proper Shipping Name	Not Regulated
DOT Classification	Not Regulated
Packing Group	Not Regulated

Section 15. Regulatory Information

US Federal Regulations:	This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other information, including directions for use.
Precautionary Statements:	Hazards to humans and domestic animals. CAUTION: Causes moderate eye irritation. Avoid contact with eyes and clothing. Wash hands thoroughly with soap and water after handling and before eating and drinking, chewing gum, using tobacco or using toilet.
EPA Regulations:	#37549-2
SARA 311/312:	N.A.
SARA 302:	N.A.
SARA 313:	Sodium hypochlorite.
TSCA:	N.A.
CERCLA Hazardous Substance List:	Sodium hypochlorite.
Clean Air Act (CAA) Section 112, 112 (r):	N.A.
US State Regulations:	This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.
New Jersey Right to Know Components:	SODIUM HYPOCHLORITE.
Massachusetts Right to Know Components:	SODIUM HYPOCHLORITE.
Pennsylvania Right to Know Components:	HYPOCHLOROUS ACID, SODIUM SALT Sodium hypochlorite.
Rhode Island Right to Know Components:	Sodium hypochlorite.
California Hazardous Substances:	Sodium hypochlorite.
California Proposition 65 Carcinogens & Reproductive Toxicity (CRT):	Not listed.
Illinois Chemical Safety Act:	Sodium hypochlorite.
Louisiana Spill Reporting:	Sodium hypochlorite.
Minnesota Haz Subs:	Sodium hypochlorite.
New York Release Reporting: Hazardous Substances:	Sodium hypochlorite.

Texas Effects Screening Levels:	Sodium hypochlorite.
Inventory status:	Country(s) or region: United States & Puerto Rico Inventory Name: Toxic Substances Control Act (TSCA) Inventory On inventory (yes/no)*: Yes A 'Yes' indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

Section 16. Other Information

Revision Date	12/21/2016
Legend	N.A. - Not Applicable N.E. - Not Established N.D. - Not Determined
HMIS (U.S.A.): Health Hazard	1
HMIS (U.S.A.): Flammability	O
HMIS (U.S.A.): Reactivity	1
National Fire Protection Association (U.S.A): Health Hazard	1
National Fire Protection Association (U.S.A): Flammability	O
National Fire Protection Association (U.S.A): Reactivity	1
National Fire Protection Association (U.S.A): Special Hazard	None.
Additional Information	This Safety Data Sheet was prepared to comply with the current OSHA Hazard Communication Standard (HCS) adoption of the Globally Harmonized System of Classification and Labeling of Chemicals (GHS). This SDS conforms to the ANSI Z400.1/Z129.1-2010 Standard. 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