SS933
LCD # 469

Safety Data Sheet

Micro-Kill Bleach Germicidal Bleach Wipes

Section 1. Identification

Product Identifier	Micro-Kill Bleach Germicidal Bleach Wipes
Synonyms	MSC351400A ; MSC351410A ; MSC351420A ; MSC351440A ; MSC351430A ; MSC351410AN; MSC351400AN; MSC351420AN; MSC351440AN; MSC351450AN; MSD_SDS0228
Manufacturer Stock Numbers	MSC351430A ; MSC351410AN; MSC351440AN; MSC351420AN; MSC351400AN; MSC351400A ; MSC351410A ; MSC351420A ; MSC351440A ; MSC351450AN
Recommended use	Disinfectant for hard, non-porous surfaces.
Uses advised against	Use only according to label instructions.

Manufacturer Contact

Address

Medline Industries, Inc.
3 Lakes Drive
Northfield, IL, 60093
USA

Phone	Emergency Phone	Fax
(800) 633-5460	(800) 424-9300 CHEMTREC	(847) 643-4436

Website

www.Medline.com

Section 2. Hazards Identification

Classification	SERIOUS EYE DAMAGE /EYE IRRITATION - Category 1 SERIOUS EYE DAMAGE /EYE IRRITATION - Category 2B SKIN CORROSION/IRRITATION - Category 1B
Signal Word	Warning
Pictogram	

Hazard Statements	Causes eye irritation Causes serious eye damage Causes severe skin burns and eye damage
Precautionary Statements	
Response	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.
Prevention	Wash hands thoroughly after handling.
Storage	N/A
Disposal	N/A
Ingredients of unknown toxicity	0%
Hazards not Otherwise Classified	
	No Data Available

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

First-Aid Measures General:	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
Inhalation:	Assure fresh air breathing. Allow the victim to rest.
Skin Contact:	Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
Eye Contact:	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Ingestion:	Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.
Most important symptoms and effects, both acute and delayed:	Symptoms/injuries After Eye Contact: Causes eye irritation.
Indication of Any Immediate Medical Attention and Special Treatment Needed:	Treat symptomatically.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media	Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable Extinguishing Media	Do not use a heavy water stream.
Special hazards arising from the substance or mixture:	Reactivity: Sodium hypochlorite reacts with (some) acids/bases. Reacts with (some) metals and their compounds.
Advice for firefighters:	Firefighting Instructions: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment. Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Section 6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:	For non-emergency personnel: Emergency Procedures: Evacuate unnecessary personnel. For emergency responders: Protective Equipment: Equip cleanup crew with proper protection. Emergency Procedures: Ventilate area.
Environmental Precautions:	Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.
Methods and Materials for Containment and Cleaning up:	Methods for Cleaning Up: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.
Reference to other sections:	See Heading 8. Exposure controls and personal protection.

Section 7. Handling and Storage

Precautions for Safe Handling:	Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor.
Conditions for safe storage, including any incompatibilities:	Storage conditions: Keep only in the original container in a cool, well ventilated place away from : Ammonia., Strong acids, strong bases and oxidation agents. Keep container closed when not in use. Incompatible products: Strong bases. Strong acids. Incompatible materials: Sources of ignition. Direct sunlight.
Specific End use(s):	No additional information available.

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			
Appropriate Engineering Controls:	Ensure good ventilation of the work station.			
Personal Protective Equipment:	Avoid all unnecessary exposure.			
Hand Protection:	Wear protective gloves.			
Respiratory Protection:	In case of insufficient ventilation, wear suitable respiratory equipment.			
Other information:	Do not eat, drink or smoke during use.			

Section 9. Physical and Chemical Properties

Physical State	Liquid absorbed into wipes
Color	Colorless, Clear, thin liquid absorbed into polyester wipes/towelettes
Odor	Chlorine-like
Odor Threshold	No data available
Solubility	Miscible with water
Partition coefficient Water/n-octanol	No data available
VOC%	N/A
Viscosity	No data available
Specific Gravity	1
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	> 100 °C
FP Method	No data available
pH	12.2 - 12.4
Melting Point	No data available
Boiling Point	100 °C
Boiling Range	No data available
LEL	N/A
UEL	N/A
Evaporation Rate	No data available

Flammability	No data available
Decomposition Temperature	No data available
Auto-ignition Temperature	No data available
Vapor Pressure	< 24 mm Hg @ 25 °C
Vapor Density	No data available

Explosive Properties:	Not expected to be a fire/explosion hazard under normal conditions of use.
Other information:	No additional information available.

Section 10. Stability and Reactivity

Reactivity:	Sodium hypochlorite reacts with (some) acids/bases and with (some) metals and their compounds.
Chemical Stability:	Stable under normal conditions.
Possibility of hazardous reactions:	Refer to section 10.1 on Reactivity.
Conditions to avoid:	Direct sunlight. Extremely high or low temperatures.
Incompatible materials:	Strong acids. Strong bases. Some metals.
Hazardous decomposition products:	Fumes. Carbon monoxide. Carbon dioxide. Chlorine.

Section 11. Toxicological Information

Information on toxicological effects:	Acute toxicity: Not classified Sodium hypochlorite CAS-No. 7681-52-9 LD50 Oral Rat: 8200 mg/kg LD50 Dermal Rabbit: >10000 mg/kg ATE US (Oral): 8200.000 mg/kg body weight
Skin corrosion/irritation:	Not classified. pH: 12.2 - 12.4
Serious eye damage/irritation:	Causes eye irritation. pH: 12.2 - 12.4
Respiratory/Skin Sensitization:	Not classified.
Germ cell mutagenicity:	Not classified.
Carcinogenicity:	Not classified: Does not contain any known or suspected carcinogens listed by NTP, IARC, or OSHA
Reproductive Toxicity:	Not classified.
Specific Target Organ Toxicity - Single Exposure:	Not classified.

Specific Target Organ Toxicity - Repeated Exposure:	Not classified.
Aspiration hazard:	Not classified.

Section 12. Ecological Information

Toxicity:	No additional information available.
Persistence and Degradability:	Not established.
Bioaccumulative potential:	Not established.
Mobility in soil:	No additional information available.

Section 13. Disposal

Waste treatment methods:

Waste disposal recommendations:
Dispose in a safe manner in accordance with local/national regulations.

Ecology - waste materials:
Avoid release to the environment. Do not flush down toilet.

Section 14. Transport Information

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

Section 15. Regulatory Information

This is a pesticide product registered by the 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 and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

CAUTION: Causes moderate eye irritation. Avoid contact with eyes and clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.
Physical and Chemical Hazards
This product contains bleach. Do not use this product with other chemicals such as ammonia, toilet bowl cleaners, rust removers, or acid, as this releases hazardous gases.

SARA 311/312:	Refer to Section 2 of the SDS.
SARA 302:	N.A.
SARA 304:	N.A.
SARA 313:	Sodium Hypochlorite
TSCA:	All components are listed or exempt.
CERCLA Hazardous Substance List:	Sodium Hypochlorite
Clean Air Act (CAA) Section 112, 112 (r):	N.A.
State Regulations:	New Jersey Dept. Of Health RTK: Sodium Hypochlorite Pennsylvania RTK: Sodium Hypochlorite Rhode Island RTK: N/A Massachusetts RTK: Sodium Hypochlorite

Section 16. Other Information

Revision Date	1/14/2019
Legend	N.A. - Not Applicable N.E. - Not Established N.D. - Not Determined
HMIS (U.S.A.): Health Hazard	2
HMIS (U.S.A.): Flammability	1
HMIS (U.S.A.): Reactivity	0
National Fire Protection Association (U.S.A): Health Hazard	2
National Fire Protection Association (U.S.A): Fire Hazard	1
National Fire Protection Association (U.S.A): Reactivity	0
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