



Safety Data Sheet

BENZALKONIUM CHLORIDE TOWELETTES

Section 1. Identification

Product Identifier BENZALKONIUM CHLORIDE TOWELETTES
Synonyms MDS094181
Manufacturer Stock Numbers MDS094181

Recommended use To cleanse intended area.
Uses advised against N.A.

Manufacturer Contact Address
Medline Industries, Inc.
One Medline Place
Mundelein, IL, 60060
USA

Phone
(800) 633-5463

Emergency Phone
(800) 424-9300
CHEMTREC CHEMTREC

Fax
(847) 643-4436

Website
www.Medline.com

Section 2. Hazards Identification

Classification EYE DAMAGE/IRRITATION - Category 2B
SKIN CORROSION/IRRITATION - Category 3
Signal Word Warning
Pictogram



Hazard Statements Causes eye irritation
Causes mild skin irritation

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. If skin irritation occurs: Get medical advice/attention.
Prevention	Wash affected area thoroughly after handling.
Storage	N/A
Disposal	N/A
Ingredients of unknown toxicity	0%
Hazards not Otherwise Classified	N.A.

Section 3. Ingredients

CAS	Ingredient Name	Weight %
8001-54-5	Benzalkonium Chloride	< 1 %
144-55-8	Carbonic acid monosodium salt	< 1 %
7732-18-5	Water	> 99 %

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:	Flush eyes with large amounts of water for at least 15 minutes. Remove contact lenses, if worn. If irritation persists, seek medical attention.
Skin Contact:	Flush with water; if irritation persists, seek medical attention.
Inhalation	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.
Ingestion:	If swallowed, call a physician immediately. Rinse mouth and throat thoroughly with water. Do not induce vomiting unless directed to do so by a physician. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs. If patient is conscious and alert, give large amounts of water. Get medical attention.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media	In case of fire, use suitable extinguishing media.
Unsuitable Extinguishing Media	None known
Unusual Fire and Explosive Hazards:	Products of combustion: COx NOx C10x
Special Fire Fighting Procedures:	Self contained breathing apparatus and full protective clothing recommended.

Section 6. Accidental Release Measures

Non-hazardous Small Spill: Should be cleaned up at the time of the spill. Take all necessary precautions and wear any personal protective equipment that is applicable. Dispose of per local and state regulations.

Non-hazardous Large Spill: Should be cleaned up at the time of the spill. May require special treatment, equipment and/or emergency assistance. Dispose of per local and state regulations.

Section 7. Handling and Storage

Handling Non-hazardous: This product is considered to be an article which does not release or otherwise result in exposure to a hazardous chemical under normal use conditions.

Storage Non-hazardous: Store in original package. Discard unused portion. Do not reuse. No special storage conditions required.

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	Benzalkonium Chloride	N/A	N/A	N/A
	Carbonic acid monosodium salt	N/A	N/A	N/A
	Water	N/A	N/A	N/A

Personal Protective Equipment N/A

Engineering Controls: Ventilation

Respiratory Protection: No special respiratory protection is recommended under anticipated conditions of normal use with adequate ventilation.

Eye Protection: None required for normal use. For prolonged exposure, use appropriate goggles, protective clothing and gloves.

Skin Protection: None required for normal use. For prolonged exposure, use appropriate goggles, protective clothing and gloves.

Other protective equipment: Not expected to be necessary under normal conditions of use. Where exposure cannot be adequately controlled, use appropriate protective clothing or equipment

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.

Section 9. Physical and Chemical Properties

Physical State	Liquid
Color	Colourless transparent solution
Odor	Characteristic
Odor Threshold	N.A.
Solubility	Soluble
Partition coefficient Water/n-octanol	N.A.
VOC%	N/A
Viscosity	N.A.
Specific Gravity	0.968
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	N.A.
FP Method	N.A.
Ph	N.A.
Melting Point	N.A.
Boiling Point	N.A.
Boiling Range	N.A.
LEL	N/A
UEL	N/A
Evaporation Rate	N.A.
Flammability	N.A.
Decomposition Temperature	N.A.
Auto-ignition Temperature	N.A.
Vapor Pressure	N.A.
Vapor Density	N.A.

Section 10. Stability and Reactivity

Stability:	Stable.
Reactivity:	Do not mix with ionic surface active agent.
Incompatibility (Materials to Avoid):	Strong oxidizing agents.
Hazardous Decomposition or Byproducts:	N.D.
Hazardous Polymerization	Will not occur.
Conditions to avoid:	N.D.

Section 11. Toxicological Information

Acute Toxicity: Eye Contact	May cause irritation.
Acute Toxicity: Skin Contact	May cause irritation and/or redness.
Acute Toxicity: Inhalation	N.A.
Acute Toxicity: Ingestion	N.A.
Carcinogenicity:	NTP listed: No IARC listed: No
Chronic Toxicity:	N.D.
OSHA STEL/PEL:	N.D.
ACGIH TLV:	N.D.

Section 12. Ecological Information

Toxicity:	N.A.
Persistence and degradability:	N.A.
Bioaccumulative potential:	N.A.
Mobility in soil:	N.A.
Other adverse effects:	N.A.

Section 13. Disposal

Waste Disposal:	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
Waste Code:	N.A.

Section 14. Transport Information

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

Section 15. Regulatory Information

US Federal Regulations:	This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List.
US Federal Regulations: General Product Information	N.A.
US Federal Regulations: Clean Air Act	N.A.
US Federal Regulations: Component Analysis	N.A.
US Federal Regulations: Food & Drug Administration	N.A.
State Regulations: General Product Information	N.A.
State Regulations: Component Analysis	N.A.
Other Regulations:	N.A.
Other Classifications:	N.A.
WHMIS (Canada):	N.A.
California Prop.65:	This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.
CERCLA:	N.A.
SARA Title III Section 302 Extremely Hazardous Substances:	N.A.
SARA Title III Section 311/312 Hazard class:	N.A.
SARA Title III Section 313 Chemicals:	N.A.
TSCA:	N.A.

Section 16. Other Information

Revision Date 5/28/2015

Legend N.A. - Not Applicable
N.E. - Not Established
N.D. - Not Determined

HMIS (U.S.A.): Health Hazard O

HMIS (U.S.A.): Flammability O

HMIS (U.S.A.): Physical Hazard O

HMIS (U.S.A.): Personal Protection N.A.

National Fire Protection Association (U.S.A): Health Hazard N.A.

National Fire Protection Association (U.S.A): Flammability N.A.

National Fire Protection Association (U.S.A): Instability Hazard N.A.

National Fire Protection Association (U.S.A): Special Hazard N.A.