



# Safety Data Sheet

## Medline Micro-Kill D1 Plus Germicidal Wipes

### Section 1. Identification

Product Identifier Medline Micro-Kill D1 Plus Germicidal Wipes  
Synonyms MSD\_SDS0522; MSC351700; MSC351710  
Manufacturer Stock MSC351710; MSC351700  
Numbers

Recommended use Disinfectant.  
Uses advised against Reserved for industrial and professional use.

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

Phone  
(800) 633-5463

Emergency Phone  
(800) 424-9300  
CHEMTREC

Fax  
(847) 643-4436

Website  
[www.Medline.com](http://www.Medline.com)

### Section 2. Hazards Identification

Classification SERIOUS EYE DAMAGE /EYE IRRITATION - Category 2B

Signal Word Warning

Pictogram

Hazard Statements Causes eye 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.

Prevention	Wash skin thoroughly after handling.
Storage	N/A
Disposal	N/A

Ingredients of unknown toxicity 0%

Hazards not Otherwise Classified

None known.

### Section 3. Ingredients

CAS	Ingredient Name	Weight %
100-51-6	Benzyl alcohol	1% - 5%
68584-22-5	Dodecylbenzenesulfonic Acid	0.29 %

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

### Section 4. First-Aid Measures

Eye contact:	Rinse with plenty of water.
Skin contact:	Rinse with plenty of water.
Ingestion:	Rinse mouth. Get medical attention if symptoms occur.
Inhalation:	Get medical attention if symptoms occur.
Protection of first-aiders:	No special precautions are necessary for first aid responders.
Note to Physician:	Treat symptomatically.
Most important symptoms and effects, both acute and delayed:	See Section 11 for more detailed information on health effects and symptoms.

### Section 5. Fire Fighting Measures

Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable Extinguishing Media	None known.
Specific hazards during firefighting:	Not flammable or combustible.
Hazardous combustion products:	Decomposition products may include the following materials: Carbon oxides
Special Protective Equipment for Fire-Fighters:	Use personal protective equipment.
Specific extinguishing methods:	Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion do not breathe fumes.

## Section 6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:	Refer to protective measures listed in sections 7 and 8.
Environmental Precautions:	Do not allow contact with soil, surface or ground water.
Methods and materials for containment and cleaning up:	Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway.

## Section 7. Handling and Storage

Advice on safe handling:	Wash hands thoroughly after handling. Do not mix with bleach or other chlorinated products -- will cause chlorine gas. In case of mechanical malfunction, or if in contact with unknown dilution of product, use appropriate personal protective equipment when risk assessment indicates this is necessary.
Conditions for safe storage:	Keep out of reach of children. Store in suitable labeled containers.
Storage temperature:	0 °C to 50 °C

## Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	Benzyl alcohol	N/A	N/A	N/A
	Dodecylbenzenesulfonic Acid	N/A	N/A	N/A
Personal Protective Equipment	N/A			
Engineering measures:	Good general ventilation should be sufficient to control worker exposure to airborne contaminants.			
Eye protection:	No special protective equipment required.			
Hand protection:	No special protective equipment required.			
Skin protection:	No special protective equipment required.			
Respiratory protection:	No personal respiratory protective equipment normally required.			
Hygiene measures:	Handle in accordance with good industrial hygiene and safety practice.			

## Section 9. Physical and Chemical Properties

Physical State	Liquid
Color	Clear, colorless
Odor	Sweet

Odor Threshold	N.D.
Solubility	N.D.
Partition coefficient Water/n-octanol	N.D.
VOC%	N/A
Viscosity	N.D.
Specific Gravity	N/A
Density lbs/Gal	1.007
Pounds per Cubic Foot	N/A
Flash Point	N.A.
FP Method	N.D.
pH	2.1 - 2.4
Melting Point	N.D.
Boiling Point	N.D.
Boiling Range	N.D.
LEL	N/A
UEL	N/A
Evaporation Rate	N.D.
Flammability	N.A.
Decomposition Temperature	N.D.
Auto-ignition Temperature	N.D.
Vapor Pressure	N.D.
Vapor Density	N.D.

## Section 10. Stability and Reactivity

Reactivity:	No dangerous reaction known under conditions of normal use.
Chemical stability:	Stable under normal conditions.
Possibility of hazardous reactions:	No dangerous reaction known under conditions of normal use.
Conditions to avoid:	None known.
Incompatible materials:	None known.
Hazardous decomposition products:	In case of fire hazardous decomposition products may be produced such as: Carbon oxides

## Section 11. Toxicological Information

Information on likely routes of exposure: Inhalation, Eye contact, Skin contact

Potential Health Effects: Eyes: Causes eye irritation.

Skin: Health injuries are not known or expected under normal use.

Ingestion: Health injuries are not known or expected under normal use.

Inhalation: Health injuries are not known or expected under normal use.

Experience with human exposure:	Chronic Exposure: Health injuries are not known/expected under normal use. Eye contact: Redness, Irritation  Skin contact: No symptoms known or expected.  Ingestion: No symptoms known or expected.  Inhalation: No symptoms known or expected.
Acute Toxicity:	No data available.
Skin corrosion/irritation:	No data available.
Serious eye damage/eye irritation:	No data available.
Respiratory/Skin sensitization:	No data available.
Carcinogenicity:	No data available.
Reproductive effects:	No data available.
Germ cell mutagenicity:	No data available.
Teratogenicity:	No data available.
Specific Target Organ Toxicity - Single exposure:	No data available.
Specific Target Organ Toxicity - Repeated exposure:	No data available.
Aspiration hazard:	No data available.
Acute oral toxicity:	Benzyl alcohol CAS-No. 100-51-6 LD50 Rat: 1,620 mg/kg  Dodecylbenzenesulfonic Acid CAS-No. 68584-22-5 LD50 Rat: 890 mg/kg
Acute dermal toxicity:	Benzyl alcohol CAS-No. 100-51-6 LD50 Rabbit: 2,000 mg/kg

## Section 12. Ecological Information

Ecotoxicity:	Environmental Effects: This product has no known ecotoxicological effects.
Toxicity to fish:	Benzyl alcohol CAS-No. 100-51-6 LC50 Fish: > 100 mg/l (96 h)  Dodecylbenzenesulfonic Acid CAS-No. 68584-22-5 LC50 Fish: 5.07 mg/l (96 h)
Persistence and degradability:	N.A.
Bioaccumulative potential:	No data available.
Mobility in soil:	No data available.
Other adverse effects:	No data available.

## Section 13. Disposal

Disposal methods: Diluted product can be flushed to sanitary sewer.

Disposal considerations: Dispose of in accordance with local, state, and federal regulations.

## Section 14. Transport Information

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

## Section 15. Regulatory Information

EPA Reg. No. 1677-263-37549

CAUTION: Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

SARA 311/312: Refer to Section 2 of the SDS.  
SARA 302: N.A.  
SARA 304: N.A.  
SARA 313: N.A.  
TSCA: All components are listed or exempt.  
CERCLA Hazardous Substance List: N.A.  
Clean Air Act (CAA) Section 112, 112 (r): N.A.

Pennsylvania Right to Know Components: BENZENEMETHANOL.

## Section 16. Other Information

Revision Date 8/25/2023

Legend N.A. - Not Applicable

N.E. - Not Established  
N.D. - Not Determined

National Fire Protection  
Association (U.S.A): Health  
Hazard 1  
National Fire Protection  
Association (U.S.A): Fire  
Hazard 0  
National Fire Protection  
Association (U.S.A):  
Instability Hazard 0  
HMIS (U.S.A.): Health  
Hazard 1  
HMIS (U.S.A.): Flammability 0  
HMIS (U.S.A.): Physical  
Hazard 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.