



Safety Data Sheet

Medical Enzyme Detergent Super Concentrate

Section 1. Identification

Product Identifier Medical Enzyme Detergent Super Concentrate
Synonyms DKY100FS; DYK215FS; DYK500FS; MSD_SDS0377
Manufacturer Stock Numbers DKY100FS; DYK215FS; DYK500FS

Recommended use Instrument cleaner.
Uses advised against N/A

Manufacturer Contact Medline
Address 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

Section 2. Hazards Identification

Classification N/A
Signal Word Warning
Pictogram



Hazard Statements	May cause skin and eye irritation.
Precautionary Statements	
Response	If in eyes: Rinse cautiously with water for several minutes. If on skin: Wash with plenty of water.
Prevention	Wash hands and exposed areas thoroughly after handling. Wear eye protection, protective gloves.
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 %
68439-46-3	Alcohols, C9-11, ethoxylated	7% - 11%
7732-18-5	Water	56.5% - 74.4%
56-81-5	Glycerin	4% - 7%
1300-72-7	Benzenesulfonic acid, dimethyl-, sodium salt	3% - 7%
64-02-8	Tetrasodium EDTA	1% - 3%
57-55-6	1,2-Propanediol	0.5% - 1.5%
497-19-8	Sodium Carbonate	0.1% - 2%

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

Section 4. First-Aid Measures

Eye Contact	Immediately flush with cool water for at least 20 minutes. Seek medical attention if irritation persists.
Skin Contact:	Immediately wash skin with soap and water for at least 20 minutes while removing contaminated clothing. Seek medical attention if irritation persist.
Ingestion:	Do NOT induce vomiting. Drink cool water. Call a physician or poison control center. Never give anything by mouth to an unconscious person.
Inhalation:	Move victim to fresh air. Seek medical attention immediately.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable Extinguishing Media	N/A

Specific hazards: Not flammable or combustible.
 Special Protective Equipment: As in any fire, wear a self-contained breathing apparatus (SCBA), approved according to NFPA/NIOSH or equivalent and full protective gear.

Section 6. Accidental Release Measures

Personal precautions: Keep personnel from entering spill area.
 Environmental Precautions: Avoid runoff into storm sewers, ditches and waterways.
 Methods for Containment: Contain spills with an inert absorbent material, (sand, earth, vermiculite) and place in container for disposal according to local and national regulations.
 Methods for cleaning up: Flush away traces with water and clean with mop or rags.

Section 7. Handling and Storage

Handling: Use with adequate ventilation. Avoid breathing vapors, spray, or mist.
 Storage: Store in a cool dry place, Keep partially used containers closed and away from heat and humidity. Do not exceed storage temperature of (50°C) 120°F. Keep out of reach of children.

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	Alcohols, C9-11, ethoxylated	N/A	N/A	N/A
	Water	N/A	N/A	N/A
	Glycerin	TWA: 10 mg/m3 (mist)	TWA: 15 mg/m3 mist, total particulate (vacated) TWA: 5 mg/m3 mist, respirable fraction (vacated) TWA: 10 mg/m3 mist, total particulate (vacated) TWA: 5 mg/m3 mist, respirable fraction	N/A
	Benzenesulfonic acid, dimethyl-, sodium salt	N/A	N/A	N/A
	Tetrasodium EDTA	N/A	N/A	N/A
	1,2-Propanediol	TWA: 10 mg/m3 (mist)	TWA: 15 mg/m3 mist, total particulate (vacated) TWA: 5 mg/m3 mist, respirable fraction (vacated) TWA: 10 mg/m3 mist, total particulate (vacated) TWA: 5 mg/m3 mist, respirable fraction	N/A
	Sodium Carbonate	N/A	N/A	N/A

Personal Protective Equipment: Goggles, Gloves

Engineering Controls: Good general ventilation should be sufficient.
 Eye Protection: Safety glasses are recommended but not required.
 Skin Protection: Gloves are recommended but not required.
 Respiratory Protection: Use an approved respirator if exposure limits are exceeded.
 Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice.

Section 9. Physical and Chemical Properties

Physical State	Liquid
Color	Blue green
Odor	Mild
Odor Threshold	N.D.
Solubility	Completely Soluble
Partition coefficient Water/n-octanol	N.D.
VOC%	N/A
Viscosity	N.D.
Specific Gravity	1.03
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	N.D.
FP Method	N.D.
pH	7.5-9.5
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	N.D.
Vapor Pressure	N.D.
Vapor Density	N.D.

Section 10. Stability and Reactivity

Chemical stability: Stable under normal conditions.
 Hazardous Reactions: None known.
 Conditions to avoid: Extreme heat.
 Incompatible materials: None known.

Section 11. Toxicological Information

Likely Routes of Exposure: Inhalation, eye contact and skin contact.
Eye contact: Health injuries are not known or expected under normal use.
Skin contact: Health injuries are not known or expected under normal use.
Inhalation: May cause an allergic respiratory reaction.
Chronic Exposure: Health injuries are not known or expected under normal use.

Section 12. Ecological Information

Ecotoxicity: N.D.
Biodegradability: N.D.
Bioaccumulation: N.D.

Section 13. Disposal

Waste Disposal: 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

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.
CERCLA Hazardous Substance List: N.A.
Clean Air Act (CAA) Section 112, 112 (r): N.A.
New Jersey Right to Know Components: GLYCERIN.
PROPYLENE GLYCOL.
Pennsylvania Right to Know Components: 1,2,3-PROPANETRIOL.
1,2-PROPANEDIOL.
Rhode Island Right to Know Components: glycerol(glycerin mist).
propylene glycol.

Section 16. Other Information

Revision Date

10/6/2022

Legend

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

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.