



Safety Data Sheet

BIO-ZOLVE INSTRUMENT PRESOAK SPRAY GEL

Section 1. Identification

Product Identifier	BIO-ZOLVE INSTRUMENT PRESOAK SPRAY GEL		
Synonyms	MSD_SDS0217; MDS8800BIO1		
Manufacturer Stock Numbers	MDS8800BIO1		
Recommended use	Instrument detergent spray.		
Uses advised against	Use only as directed.		
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	N/A
Signal Word	
Pictogram	
Hazard Statements	N/A
Precautionary Statements	
Response	In cases of contact with skin or eyes, immediately flush with plenty of water and get medical attention if irritation persists. If inhaled and breathing is difficult, remove victim to fresh air and get medical attention. If ingested, do not

induce vomiting and get medical attention. Dispose of container in accordance with all local, regional, national, and international regulations.

Prevention N/A
Storage N/A
Disposal N/A

Ingredients of unknown toxicity 0%

Hazards not Otherwise Classified
N.A.

Section 3. Ingredients

CAS	Ingredient Name	Weight %
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Occupational exposure limits, if available, are listed in Section 8.

Section 4. First-Aid Measures

First Aid Measures: Inhalation: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if victim feels unwell.

Eye Contact: Immediately flush eyes with plenty of water. If present, remove contact lenses after flushing for five minutes. Continue flushing for at least 15 minutes. If irritation persists, get medical attention.

Ingestion: Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Skin: Remove contaminated clothing. Wash with soap and water. If irritation persists, seek medical attention.

Most Important Symptoms and Effects (Acute and Delayed): Inhalation: May cause respiratory tract irritation.

Eye Contact: May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.

Ingestion: May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

Skin: May cause skin irritation. Symptoms may include redness, edema, drying, defatting and cracking of the skin.

Indication of any Immediate Medical Attention and Special Treatment Needed: Note to Physician: Symptoms may not appear immediately. In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

Section 5. Fire Fighting Measures

Suitable Extinguishing Media	Foam, carbon dioxide, dry chemical, or water fog.
Unsuitable Extinguishing Media	None known.
Specific Hazards Arising from Chemical:	Products of combustion include but are not limited to: oxides of carbon.
Protective Equipment and Precautions for Firefighters:	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Keep upwind of fire.

Section 6. Accidental Release Measures

Personal Precautions, Protective Equipment, and Emergency Procedures:	Personal Precautions: Use personal protective equipment as recommended in section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Environmental Precautions: See Section 12 for ecological information.
Methods and Material for Containment and Cleaning Up:	Small spills may be flushed to a sanitary sewer with copious amounts of water if in accordance with national and local regulations. Contain and/or absorb large spills with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Scoop up material and place in a disposal container.

Section 7. Handling and Storage

Precautions for Safe Handling:	Handling: Avoid contact with skin and eyes. Avoid breathing vapour or mist. Handle and open container with care. Do not eat, drink, or smoke when using this product. General Hygiene Advice: Launder contaminated clothing before use. Wash hands before eating, drinking, or smoking.
Conditions for Safe Storage, Including any Incompatibilities:	Storage Conditions: Keep container closed when not in use. Store in a dry, cool, and well-ventilated area. Keep out of reach of children. Incompatible Materials: Strong oxidizing agents.

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
Personal Protective Equipment	N/A			
Control Parameters:	No data available			
Exposure Guidelines:	No data available			

Appropriate Engineering Controls: Apply technical measures to comply with occupational exposure limits.

Individual Protection Measures: Respiratory Protection: Ensure adequate ventilation, especially in confined areas.

Skin and Body Protection: Wear latex, rubber, nitrile, or polyethylene gloves.

Eye/Face Protection: Safety glasses or goggles are recommended when using this product.

General Work/Hygienic Practices: Handle in accordance with good industrial hygiene and safety practice. Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking.

Section 9. Physical and Chemical Properties

Physical State	N/A
Color	Blue gel
Odor	Slight
Odor Threshold	N.D.
Solubility	N.D.
Partition coefficient Water/n-octanol	N.D.
VOC%	N/A
Viscosity	N.D.
Specific Gravity	1
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	> 93.3° C (> 200° F)
FP Method	TCC
pH	8.6
Melting Point	N.D.
Boiling Point	N.D.
Boiling Range	N.D.
LEL	N/A
UEL	N/A
Evaporation Rate	N.D.
Flammability	Not flammable
Decomposition Temperature	N.D.
Auto-ignition Temperature	N.D.
Vapor Pressure	N.D.
Vapor Density	N.D.

Section 10. Stability and Reactivity

Reactivity: Not reactive under normal conditions.
Chemical Stability: Stable under recommended storage conditions.
Possibility of Hazardous Reactions: None under normal use.
Conditions to avoid: Heat.
Incompatible Materials: Strong oxidizing agents.
Hazardous Decomposition or Byproducts: May include and are not limited to oxides of carbon.

Section 11. Toxicological Information

Information on Toxicological Effects: Likely Routes of Exposure: Inhalation, skin contact, eye contact, ingestion.
Information Related to Physical, Chemical, and Toxicological Effects: See section 4 of this SDS.
Delayed-immediate effects, also chronic effects from short & long term exposure: Carcinogenicity:
NTP: No
IARC: No
OSHA: No
Numerical Measures of Toxicity: ATE (oral) >2000 mg/kg, rat
ATE (dermal) >2000 mg/kg, rabbit
ATE (inhalation) > 20 mg/l/4h, rat

Section 12. Ecological Information

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

Section 13. Disposal

See section 8 of this SDS for exposure controls and personal protection.
Dispose of the product and container in accordance with all applicable 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
IATA: Not regulated
IMDG: Not regulated

Note: Classification changes based on quantity, packaging, and method of shipment. See current shipping paper for most up to date shipping information.

Section 15. Regulatory Information

SARA 311/312:	N.A.
SARA 302:	Not listed.
SARA 313:	N.A.
TSCA:	N.A.
CERCLA Hazardous Substance List:	N.A.
Clean Air Act (CAA) Section 112, 112 (r):	N.A.
State Regulations:	N.A.

Section 16. Other Information

Revision Date	10/24/2018
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Legend	N.A. - Not Applicable N.E. - Not Established N.D. - Not Determined
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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
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