

# MATERIAL SAFETY DATA SHEET

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## SECTION I - IDENTITY

Name: **BioSolve®**  
CAS #: 138757-63-8  
Formula: Proprietary  
Chemical Family: Water Based, Biodegradable, Wetting Agents & Surfactants  
HMIS Code: Health 1, Fire 0, Reactivity 0  
HMIS Key: 4 = Extreme, 3 = High, 2 = Moderate, 1 = Slight, 0 = Insignificant

## SECTION II - HAZARDOUS INGREDIENTS

Massachusetts Right to Know Law or 29 C.F.R. (Code of Federal Regulations) 1910.1000 require listing of hazardous ingredients.

This product does not contain any hazardous ingredients as defined by CERCLA, Massachusetts Right to Know Law and California's Prop. 65.

**DOT Class: Not Regulated/Non Hazardous**

## SECTION III - PHYSICAL - CHEMICAL CHARACTERISTICS

Boiling Point	: 265°F	Specific Gravity	: 1.00 +/-0.01
Melting Point	: 32°F	Vapor Pressure mm/Hg	: Not Applicable
Surface Tension- 6% Solution	: 29.1 Dyne/cm at 25°C	Vapor Density Air = 1	: Not Applicable
Reactivity with Water	: No	Viscosity - Concentrate	: 490 Centipoise
Evaporation Rate	: >1 as compared to Water	Viscosity - 6% Solution	: 15 Centipoise
Appearance	: Clear Liquid unless Dyed	Solubility in Water	: Complete
Odor	: Pleasant Fragrance	pH	: 9.1 +/-0.3
Pounds per Gallon	: 8.38		

## SECTION IV - FIRE AND EXPLOSION DATA

Special Fire Fighting Procedures : None  
Unusual Fire and Explosion Hazards : None  
Solvent for Clean-Up : Water  
Flash Point : None  
Flammable Limit : None  
Auto Ignite Temperature : None  
Fire Extinguisher Media : Not Applicable

**SECTION V - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES**

Precautions to be taken in Handling and Storage: Use good normal hygiene.

Precautions to be taken in case of Spill or Leak -

Small spills, in an undiluted form, contain. Soak up with absorbent materials.

Large spills, in an undiluted form, dike and contain. Remove with vacuum truck or pump to storage/salvage vessel. Soak up residue with absorbent materials.

Waste Disposal Procedures -

Dispose in an approved disposal area or in a manner which complies with all local, provincial, and federal regulations.

**SECTION VI - HEALTH HAZARDS**

Threshold Limit Values: Not applicable

Signs and Symptoms of Over Exposure-

Acute : Moderate eye irritation. Skin: Causes redness, edema, drying of skin.

Chronic: Pre-existing skin and eye disorders may be aggravated by contact with this product.

Medical Conditions Generally Aggravated by Exposure: Unknown

Carcinogen: No

**Emergency First Aid Procedures -**

Eyes: Flush thoroughly with water for 15 minutes. Get medical attention.

Skin: Remove contaminated clothing. Wash exposed areas with soap and water.

Wash clothing before reuse. Get medical attention if irritation develops.

Ingestion: Get medical attention.

Inhalation: None considered necessary.

**SECTION VII - SPECIAL PROTECTION INFORMATION**

Respiratory Protection : Not necessary Local Exhaust Required : No, except in confined space as required.

Ventilation : Normal Protective Clothing : Neoprene or other chemical resistant gloves, safety goggles or chemical face shield.  
Required Wash clothing before reuse.

*WHEN UTILIZED IN CONFINED SPACE OPERATIONS, ADDITIONAL PPE MAY BE REQUIRED AS PER OSHA GUIDELINES.*

**SECTION VIII - PHYSICAL HAZARDS**

Stability : Stable Incompatible Substances : None Known

Polymerization : No Hazardous Decomposition Products : None Known

**SECTION IX - TRANSPORT & STORAGE**

DOT Class : Not Regulated/Non Hazardous

Freeze Temperature : 28°F Storage : 35°F-120°F

Freeze Harm : None (thaw & stir) Shelf Life : Unlimited Unopened

**SECTION X - REGULATORY INFORMATION**

The Information on this Material Safety Data Sheet reflects the latest information and data that we have on hazards, properties, and handling of this product under the recommended conditions of use. Any use of this product or method of application, which is not described on the Product label or in this Material Safety Data Sheet, is the sole responsibility of the user. This Material Safety Data Sheet was prepared to comply with the OSHA Hazardous Communication Regulation and Massachusetts Right to Know Law.