

**Section 1. Product and Company Identification**

Item Number.: s2836-1  
 Common Name.: (Discontinued)STU-ONE  
 Intended Use : In Vitro Diagnostic use. Laboratory Use Only  
 IN CASE OF EMERGENCY, CONTACT: CHEMTREC (24HR) 800-424-9300

Manufacturer.: Poly Scientific R&D Corp.

70 Cleveland Ave  
 Bay Shore NY 11706

polyrnd@polyrnd.com

**Section 2. Hazard Identification**

227 Flammable Liquids Cat 4



Warning!

Combustible liquid.

Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Wear protective gloves/protective clothing/eye protection/face protection. In case of fire use dry sand, dry chemical or alcohol-resistant foam for extinction. Store in well ventilated place. Keep cool. Dispose of contents/container to an approved waste disposal plant.

Hazards not otherwise covered by GHS: None

**Section 3. Composition Information**

Exposure Limits(A blank value indicates no information available) The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

Component	CAS#	PEL(mg/m3)	STEL(mg/m3)	CEIL(mg/m3)	Concentration Range
Dimethyl sulfoxide	67-68-5		250.00		<5%

**Section 4. First Aid Measures**

Eye Contact : Check for and remove contact lenses. Wash with large amounts of water for 15 minutes. Seek medical attention.

Skin Contact : Remove contaminated clothing and shoes. Wash the affected area with large with soap and water. Seek medical attention

Ingestion : Give two glasses of water to a conscious victim. Do not induce vomiting. Seek medical attention

Inhalation : Move person to fresh air. If necessary give CPR; warning this could pose a risk of exposure to the rescue breather. Seek medical attention

The most important known symptoms and effects are described in section 2 and/or section 11.

**Section 5. Fire Fighting Measures**

Extinguishing Media.:

Special Fire and Explosion Remarks ...:

**Section 6. Accidental Release Measures**

Spill Cleanup and Disposal Special ...:

Spill Cleanup.: Take up spills with absorbant material and containerize for proper disposal. Use proper PPE as per section 8. Provide ventilation.

**Section 7. Handling and Storage**

Storage and Handling Special...:

Storage and handling.: Keep container tightly closed. Store in a cool, dry area and protect from physical damage

**Section 8. Exposure Controls/Personal Protection**

Personal Protective Equipment...: Safety Glasses, Gloves, Vapor Respirator

This information is provided as a guide but proper PPE can only be determined by the end user and their situation.

Engineering Controls.: Provide local exhaust ventilation to keep the airborne concentrations of vapors below their respective threshold limit values. Ensure that eyewash stations and safety showers are local to the work-station.

**Section 9. Physical and Chemical Properties**

Appearance.....: Colorless liquid	Evaporation Rate.....: N/A	Water Soluable? .....: Yes
Odor.....: Slight. Sulfurous	Upper Flammability Limit (%):	Volatile Percent .....: N/A
Odor Threshold .....: N/A	Lower Flammability Limit (%):	Partition Coefficient .....: n-octanol/water: N/A
pH .....: N/A	Specific Gravity (@20C) .....: N/A	Auto Ignition Temp. ....: N/A
Melting Point.....: N/A	Vapor Pressure (mm Hg) .....: 0.055	Decomposition Temp.....: N/A
Boiling Point.....: N/A	Vapor Density (Air=1) .....: 2.70	Viscosity .....: N/A
Flash Point (F) TCC.....:	Relative Density .....: N/A	

**Section 10. Stability and reactivity**

Special Remarks on Stability...:

Special Remarks on Reactivity...:

Water Reactive.: No

**Section 11. Toxicological Information**

Routes of Entry.: Inhalation, Skin absorbtion, Ingestion

Animal Toxicity.: Dimethyl sulfoxide: Acute Oral (LD50) 14,500 mg/kg (Rat) Inhalation (LC50) 40250 ppm (Rat) Dermal (LD50) >5,000 mg/kg (Rabbit)

Human Toxic Effects.: Target Organs: Eyes, Skin, Respiratory System, GI System, CNS

Potential Acute Health Effects...: Hazardous in case of inhalation, eye contact, skin contact, ingestion

Potential Chronic Health Effects...: N/A

**Section 12. Ecological Information**

Ecological Information.: N/A

**Section 13. Disposal Considerations**

Waste Disposal.: Dispose of in accordance with local,state and federal laws.

**Section 14. Transport Information**

DOT Identification.: Non Hazardous

**Section 15. Regulatory Information**

State Regulations.: N/A

## Sara Section 311 Reporting

Component	CAS#	Acute	Chronic	Fire	Pressure	Reactive	SARA302	SARA313	CERCLA	RCRA
Dimethyl sulfoxide	67-68-5	No	Yes	Yes	No	No	No	No	No	No

**Section 16. Other Information**

Review Date : 3/15/2023

Reviewed by : Admin

MSDS Group Id.: 372

Notice: This SDS applies only to the material as packaged. If the material is altered by any means it may pose risks not mentioned here.

It is the user's responsibility to develop proper methods of handling and personal protection based on the actual conditions of use.

While this SDS is based on reliable technical data, Poly Scientific R&D Corp. assumes no responsibility for the completeness or accuracy of the information contained herein.