

## Sul-Free WS-2500

<b>National Fire Protection Association (NFPA)</b> <b>Not Rated</b>	<b>Hazardous Material Information System (HMIS)</b>	<table border="1" style="margin: auto;"> <tr><td style="background-color: #00FFFF;">Health</td><td style="text-align: center;">1</td></tr> <tr><td style="background-color: #FF0000;">Fire Hazard</td><td style="text-align: center;">0</td></tr> <tr><td style="background-color: #FFFF00;">Reactivity</td><td style="text-align: center;">0</td></tr> </table>	Health	1	Fire Hazard	0	Reactivity	0
Health	1							
Fire Hazard	0							
Reactivity	0							
<b>Protective clothing</b>	Safety glasses or goggles should be worn if there is possibility of eye contact. Impermeable gloves such as rubber, PVC or neoprene are recommended.	<b>Emergency Overview</b>						
Collect spillage for reclaim or use absorbent material for pick up and disposal. Small amounts may be flushed to drain. Comply with federal, state and local regulations on reporting spills. Keep out of waterways and storm sewers.								

### Section 1. Chemical Product and Company Identification

<b>Product Name</b> Sul-Free WS-2500	<b>Code</b> GP WS2500
<b>Product Use</b> Sulfur scavenging compound	<b>Preparation date</b> Sept. 18, 2010
<b>MSDS#</b> number	<b>Supersedes</b> New
<b>U. S. Headquarters:</b> Guard Products 980 77 <sup>th</sup> Avenue Oakland CA 94621 800-369-8056	<b>Contact phone:</b>
	<b>Prepared by:</b> R. Miller 800-342-3577
	<b>In Case Of Emergency</b> 800-463-9300

### Section 2. Composition and Information on Ingredients

Ingredients	CAS	% by Weight	Exposure Limits	LC50/LD50
Organo Imine Compound	none	15 -20	Not established	Not established
Also contains detergent materials which can contribute to eye and skin irritation but for which no exposure limits have been established.				

### Section 3. Hazards Identification

<b>Routes of Entry</b>	Skin
<b>Potential Acute Health Effects</b>	None Known
<i>Eyes</i>	Irritating to eyes. No chronic effects known.
<i>Skin</i>	Can cause irritation from repeated exposure.
<i>Inhalation</i>	Vapors or mists can be irritating.
<i>Ingestion</i>	Do not take internally. Not a likely source of chronic exposure.
<b>Medical Conditions Aggravated By Overexposure:</b>	May affect mucous tissue and/or aggravate mucous membrane disorder.
<b>See Toxicological Information (section 11)</b>	

**Section 4: First Aid Measures**

<b>Eye Contact</b>	Flush with water for at least 15 min. Seek medical attention.
<b>Skin Contact</b>	Wash exposed skin with soap and water until gone. Remove affected clothes rinse off product and wash clothes before reuse.
<b>Inhalation</b>	If affected, remove individual to fresh air, get medical attention at once if there is any discomfort.
<b>Ingestion</b>	Dilute by giving large amounts of milk or water. Get medical attention immediately. Do not induce vomiting.

**Section 5: Fire Fighting Measures**

<b>Flammability of the Product</b>	Low
<b>Flash Points</b>	None to boiling @ 213° F
<b>Products of Combustion</b>	Oxides of carbon, nitrogen
<b>Fire Fighting Media And Instructions</b>	Use equipment appropriate to main cause of fire.
<b>Special Remarks on Fire and Explosion Hazards</b>	None

**Section 6: Accidental Release Measures**

<b>Personal Precautions</b>	Immediately remove uninvolved personnel.
<b>Environmental Precautions And Clean-up Methods</b>	Collect spillage for reclaim or use absorbent material for pick up and disposal. Small amounts may be flushed to drain. Comply with federal, state and local regulations on reporting spills. Keep out of waterways and storm sewers.

**Section 7: Handling and Storage**

<b>Handling</b>	Keep lid on containers when not in use. Wipe up spills promptly. Keep off of skin and out of eyes. Use standard industrial good practices.
<b>Storage</b>	Keep lid on containers when not in use. Wipe up spills promptly.

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

<b>Engineering Controls</b>	Keep lid on containers when not in use. Wipe up spills promptly.
<b>Personal Protection</b>	
<i>Eyes</i>	Safety glasses or goggles should be worn if there is possibility of eye contact.
<i>Hands</i>	Impermeable gloves such as rubber, PVC or neoprene are recommended.
<i>Respiratory</i>	None normally required.
<i>Feet</i>	None
<i>Body</i>	None

**Section 9: Physical and Chemical Properties**

<b>Physical State and Appearance</b>	Clear, medium viscosity liquid.
<b>Odor</b>	Fruity / slight amine
<b>Color</b>	Amber
<b>pH</b>	10-11 approx.
<b>Specific Gravity</b>	@ 1.03
<b>Boiling/Condensation Point</b>	225° F
<b>Melting/Freezing Point</b>	ND
<b>Solubility in Water</b>	complete

Continued on Next Page

**Section 10: Stability and Reactivity**

Stability and Reactivity	Stable
Conditions of Instability	None
Incompatibility with Various Substances	Oxidizers, acids
Hazardous Decomposition Products	Oxides of carbon, nitrogrn
Hazardous Polymerization	Cannot occur

**Section 11: Toxicological Information**

Acute Toxicity	ND
Effects of Chronic Exposure	None expected.
Other effects	None expected.

**Section 12 Ecological Information**

Collect spillage for reclaim or use absorbent material for pick up and disposal. Small amounts may be flushed to drain. Comply with federal, state and local regulations on reporting spills. Keep out of waterways and storm sewers.

**Section 13 Disposal Considerations**

**Waste Information** . Small amounts may be flushed to drain. Comply with federal, state and local regulations on reporting spills. Keep out of waterways and storm sewers.

**Section 14: Transport Information**

DOT Classification	Not regulated
DOT Proper Shipping Name	
TDG Classification	Not regulated
TDG Proper Shipping Name	

**Section 15: Regulatory Information**

Reporting in this section is based on ingredients disclosed in Section 2

**US Regulations**

<b>Federal</b>	Not regulated
<b>State</b>	Not regulated
<b>Registered Product Information</b>	Not regulated

**Canadian Regulations**

<b>WHMIS Classification</b>	Not regulated
<b>Registered Product Information</b>	Not regulated

**Chemical Inventory Status** All ingredients of this product are listed or are excluded from listing on the U. S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory. All the ingredients are on the DSL list.

**Section 16: Other Information**

<b>Other Special Considerations</b>	None
<b>Version</b>	1.0

**Notice to Reader**

*This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, express or implied, as to the accuracy of the information contained within. Actual conditions of use and handling are beyond seller's control. User is responsible to evaluate all available information when using product for any use and to comply with all Federal, State, Provincial, and Local laws and regulations.*