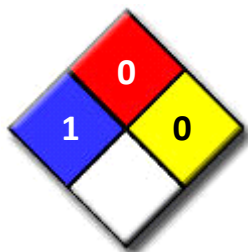




534 CR 529A
Lake Panasoffkee, FL 33538
800-476-6674 352-793-1682
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Safety Data Sheet (OSHA 29 CFR 1910.1200)



Section 1 - Product and Company Identification

Product Super Sul 26

Company UAS of America
534 CR 529A
Lake Panasoffkee, FL 33538

Phone 800-476-6674

Emergency Phone 352-793-1682

Product Use Liquid Sulfur Concentrate

Section 2 - Composition and Information on Ingredients

Component Ingredients	Hazardous	Percent	CAS Number	Threshold Limit Values			
				OSHA PEL	OSHA STEL	ACGIH TLV	ACGIH STEL
Ammonium Thiosulfate	No	50-60%	7783-18-8	-NONE ESTABLISHED-			

Section 3 - Hazard Identification

Potential Health Effects

Ammonium Thiosulfate is considered to have a low toxicity to humans.
Inhalation of product mist may cause irritation of the nose, throat and respiratory tract.

Section 4 - First Aid Measures

Skin Contact Skin Absorption Eye Contact Inhalation Ingestion

Skin Contact Remove contaminated clothing under a safety shower.

Skin Absorption Dry and/or red itchy skin- Flush with water for 15 minutes. Get medical attention if irritation persists.

Eye Contact Hold eyelids apart during irrigation to insure thorough flushing of the entire area of the eye and lids.

Inhalation Generally not considered an inhalation hazard.

Ingestion If conscious, immediately give large quantities of water and induce vomiting. Seek medical attention immediately.

Section 5 - Fire Fighting Measures

Flammable

Flammable Conditions None. Solution is non-flammable.

Methods of Extinguishing Water, water fog or foam. Use media suitable to extinguish source of fire.

Flashpoint degrees (c) None

Flashpoint Method N/A

Autolgnition Temp (c) N/A

Upper Flammable Limit (% by volume) N/A

Lower Flammable Limit (% by volume) N/A

Explosion - Sensitivity to Impact

N/A

Explosion - Sensitivity to Static Discharge

N/A

Protection and Procedures for FireFighters

Use water fog or spray, foam, carbon dioxide, or dry chemical to control fire

Protective Equipment for Firefighters

Use approved self-contained breathing apparatus and full protective gear. Avoid smoke inhalation.

Section 6 - Accidental Release Measures

Leak and Spill Procedures

Environmental Precautions: Keep out of water supplies, lakes, ponds, streams and rivers. Material Released or Spilled:

Promptly mop up or pump up material and place in suitable container for use as a fertilizer or for disposal.

Section 6 NOTES:

Section 7 - Handling and Storage

Handling Procedures and Equipment

Avoid contact with eyes. Use only in a well ventilated area. Wash thoroughly after handling. Avoid prolonged or repeated breathing of vapors. Avoid prolonged or repeated contact with the skin.

Storage Requirements

Store in well ventilated areas. Do not store combustibles in the area of storage vessels. Keep away from any sources of heat or flame. Store tote and smaller containers out of direct sunlight at moderate temperatures.

Section 8 - Exposure Controls - Personal Protection

Specific Engineering Controls

Use

Gloves Respirator Eye Footwear Clothing Other

Personal Protective Equipment

RESPIRATORY PROTECTION: If mist or dust conditions should be present use respirator approved by NIOSH.

EYE PROTECTION: Goggles or face shield.

SKIN (Hands, Arms, and Body) PROTECTION: Adequate clothing should be worn to prevent skin contact.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Eye bath, safety shower .

WORK HYGIENIC PRACTICES: Wash all clothing before wearing. Wash all exposed skin surfaces with soap and water after using this product.

EXPOSURE GUIDELINES:

LOCAL EXHAUST: Adequate

Section 8 NOTES:

Section 9 - Physical and Chemical Properties

Physical State	Liquid
Odor and Appearance	Colorless to yellow to tan liquid, may have a slight ammonia and/or organic odor.
Solubility in Water	Complete
Specific Gravity	1.325
Vapor Density (air = 1)	N/A
Vapor Pressure (mmHg)	18 mm Hg @ 70F
Evaporation Rate	N/A
Boiling Point (° C)	210F-220F (F)
Freezing Point (°C)	30F-60F (F)
pH @ 20 Celcius	7.2-8.0
Coefficient of Water/Oil Distribution	N/A
Notes	11.10 lbs/gal , 181 gallon per ton, Salting out temperature 43F to 45F

Section 10 - Stability and Reactivity

☑ Chemical Stability

Stability Conditions

Product is stable.

☑ Incompatibility with Other Substance

Incompatibility conditions

Strong oxidizers such as nitrates, nitrites or chlorates can cause explosive mixtures if heated to dryness. Acids will cause the release of sulfur dioxide, a severe respiratory hazard. Alkalies will accelerate the evolution of ammonia. Ammonium thiosulfate solution is not compatible with copper, zinc, or their alloys (i.e. bronze, brass, galvanized metals, etc.). These materials of construction should not be used in handling systems or storage containers for this product.

Reactivity Conditions

Extremely high temperatures.

Hazardous Decomposition Products

Heating this product will evolve ammonia. Heating to dryness will cause the

Section 11 - Toxicological Information

Effects of Acute Exposure

Eye contact may cause irritation.

Effects of Chronic Exposure

Prolonged contact with skin may cause irritation or dermatitis in sensitive individuals.

Irritancy	Non-Irritating on Rabbit & Rat
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Skin Sensitization	Data not available
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Carcinogenicity - IARC	No evidence available
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Reproductive	N/A
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Embrototoxicity	N/A
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Respiratory Sensitize	N/A
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Carcinogenicity - ACGIH	No evidence available
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Teratogenicity	N/A
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Mutagenicity	N/A
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Section 12 - Ecological Information

Ecological Information

N/A

Section 13 - Disposal Considerations

Waste Disposal

Ammonium thiosulfate is not considered a hazardous waste under Federal Hazardous Waste Regulations, 40 CFR 261. Consult state and local regulations for different or more restrictive disposal regulations.

Section 14 - Transportation Information

U.S. DOT Not Regulated

IMDG Not Regulated

ICAO/IATA Not Regulated

Transport Information

IMO Shipping Name: Ammonium thiosulfate solution RR STCC Number: 28-191-73

Section 15 - Regulatory Information

Health Hazard 1 Exposure could cause irritation but only minor residual injury even if no treatment is given.

Fire Hazard 0 Materials that will not burn.

Instability 0 Exposure under fire conditions would offer no hazard beyond that of ordinary combustible materials.

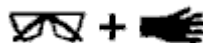
Special Hazard

Section 16 - Other Information / Warranty / Disclaimer

Revised 27-Jan-15

Prepared By Denise

Health	1
Flammability	0
Reactivity	0
Personal Protection	B



Health Hazard 1 Irritation or minor reversible injury possible

Flammability 0 Materials that will not burn

Reactivity 0 Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.

Personal Protection B Safety Glasses + Gloves

Disclaimer

HMIS Ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS ratings are not required on MSDS's by OSHA's CFR 1910.1200, we choose to provide them as a service to our customers using HMIS. These ratings are to be used only with a fully implemented HMIS program. To deal adequately with the safe handling of this material, all the information contained in this MSDS must be considered.

NPCA recommends that employers must determine appropriate PPE for the actual conditions under which this product is used in their workplace. For information on PPE codes, consult the HMIS Implementation Manual.

When two ratings are provided for Health, the first represents the material 'as supplied,' and the second represents the material 'in use.'

Other Information

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