



Manufacturers

Chemicals

TYPICAL

CHARACTERISTICS:

APPEARANCE: WHITE TO OFF-WHITE POURABLE PASTE

pH 1% SOLUTION: 8.0 TO 9.5

% SOLIDS: 35

STORAGE STABILITY:

EXCELLENT UNDER NORMAL WAREHOUSE CONDITIONS. AS WITH ANY WATER-BASED PRODUCT, AVOID FREEZING. COLD TEMPERATURES CREATE INCREASED VISCOSITY.

PACKAGING: AVAILABLE IN DRUM, TOTE AND BULK

MANAWET A-18

- MANAWET A-18 is a high quality surfactant, properly called Di-Sodium N Octadecyl Sulfosuccinamate. The product finds uses in numerous applications, particularly those requiring excellent stability of foams, both to mechanical and heat extremes. This product is the original “backbone” surfactant for non-gel latex foams, due to its excellent bubble stability.
- Numerous foam formulations are improved with the addition of MANAWET A-18, including carpet backing and textile treatments. Most latex compounds which are to be foamed will be more stable with the addition of MANAWET A-18.
- The product is often used in combination with other surfactants such as Ammonium Lauryl Sulfate, Ammonium Stearate, Sodium Lauryl Sulfate and others. Usage levels vary with compound requirements, typical 3 to 5 dry parts/hundred part of latex solids. MANAWET A-18 is available in bulk, drums, or totes.

All data is believed to be correct; however, should not be accepted as a guarantee of accuracy without confirming tests in your own plant or laboratory.

“Problem Solving Chemicals Since 1919”

Manufacturers Chemicals
4325 Old Tasso Road, Cleveland, TN 37312
www.manufacturerschemicals.com
(423) 476-6518



Safety Data Sheet

PRODUCT NAME:MANAWET A 18

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SECTION 1. CHEMICAL PRODUCT/COMPANY IDENTIFICATION

Product Name:

MANAWET A 18

Chemical Name:

Butanedioic acid, 4-(octadecylamino)-4-oxo-2-sulfo-, disodium salt

CAS#:

14481-60-8 (s-32)

Recommended Use:

Manufacturer's/Supplier's Identification:

Manufacturers Chemicals
4325 Old Tasso Rd
Cleveland, TN 37312

Emergency Phone Number: CHEMTREC 800-424-9300

Section 2. Hazards Identification

Classification:

THIS PRODUCT IS NOT HAZARDOUS PER GHS GUIDELINES

Signal Word:

NONE REQUIRED

Symbol:

None Required

Hazard Statements:

NONE

Precautionary Statements:

NONE

SECTION 3. Composition/Information On Hazardous Ingredients

Component Name

CAS Number

% by Weight

No Hazardous Components

None

None

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Section 4. First Aid Measures

Eyes:

IMMEDIATELY FLUSH EYES WITH CLEAN WATER FOR AT LEAST 15 MINUTES. IF IRRITATION IS SEVERE OR CONTINUES AFTER RINSING, GET MEDICAL ATTENTION.

Skin:

IF SKIN IRRITATION IS SEVERE OR CONTINUES, GET MEDICAL ATTENTION. REMOVE CONTAMINATED CLOTHING AND WASH AFFECTED SKIN AREAS WITH MILD SOAP AND WATER. WASH CONTAMINATED CLOTHING BEFORE RE-WEARING. DISCARD CONTAMINATED SHOES.

Inhalation:

IF AFFECTED BY BREATHING VAPOR, REMOVE INDIVIDUAL TO FRESH AIR. IF BREATHING IS DIFFICULT, GET MEDICAL ATTENTION.

Ingestion:

IF SWALLOWED CONTACT PHYSICIAN OR POISON CONTROL CENTER. NEVER GIVE ANYTHING BY MOUTH IF VICTIM IS UNCONSCIOUS. INDUCE VOMITING ONLY ON ADVICE OF PHYSICIAN.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media:

WATER SPRAY OR MIST, CO₂, DRY CHEMICAL, FOAM.

Fire Fighting Procedures:

USE STANDARD FIREFIGHTING PROCEDURES AND CONSIDER THE HAZARDS OF OTHER INVOLVED MATERIALS.

Precautions for Fire Fighting:

WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR.

Hazardous Combustion Products:

CARBON DIOXIDE, CARBON MONOXIDE, AND VARIOUS HYDROCARBONS MAY BE RELEASED DURING A FIRE.

Section 6. Accidental Release Measure

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Personal Precautions/ Protective Equipment:

REMOVE ALL UNNECESSARY PERSONNEL AND VENTILATE AREA.FOR PERSONAL PROTECTIVE EQUIPMENT SEE SECTION 8.

Environmental Precautions:

KEEP RUN OFF OUT OF MUNICIPAL SEWERS AND OPEN BODIES OF WATER.

Methods for Cleaning Up:

CONTAIN SPILL AND SALVAGE AS MUCH MATERIAL AS POSSIBLE BY PUMPING TO A SALVAGE TANK OR DRUM.PICK UP REMAINING MATERIAL WITH A SUITABLE ABSORBENT.

Section 7. Handling and Storage

Precautions for Safe Handling:

WEAR CHEMICAL RESISTANT GLOVES.WEAR CHEMICAL SPLASH GOGGLES.AVOID BREATHING MISTS OR VAPORS.AVOID CONTACT WITH EYES, SKIN AND CLOTHING.

Conditions for Safe Storage:

DO NOT ALLOW PRODUCT TO FREEZE._STORE AT NORMAL TEMPERATURES AND CONDITIONS OF WAREHOUSING.

Incompatibilities:

STRONG OXIDIZERS.

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Section 8. Exposure Controls and Personal Protection

Exposure Limits

<u>Chemical Name</u>	<u>CAS #</u>	<u>Exposure Limit/Value</u>	<u>Type</u>	<u>Source</u>
THIS PRODUCT CONTAINS NO SUBSTANCES WITH OCCUPATIONAL EXPOSURE LIMITS.	None	None	None	None

Appropriate Engineering Controls:

SAFETY SHOWER/EYE BATH.

Personal Protective Equipment

Eyes:

CHEMICAL SPLASH GOGGLES.

Skin:

WEAR CHEMICAL RESISTANT GLOVES, CLOTHING AND FOOTWEAR.

Respiratory:

IF AIRBORNE CONCENTRATIONS POSE A HEALTH HAZARD, BECOME IRRITATING, OR EXCEED RECOMMENDED LIMITS, USE A NIOSH APPROVED RESPIRATOR IN ACCORDANCE WITH OSHA RESPIRATORY PROTECTION REQUIREMENTS UNDER 29 CFR 1910.134.

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Section 9. Physical and Chemical Properties

Appearance:HAZY TO OPAQUE WHITE TO OFF WHITE LIQUID

Odor: Not Available

pH: 8.5 to 10.0 (1% sol)

Solubility in Water:TRANSLUCENT PEARLESCENT EMULSION

Specific Gravity @ 25C:1.0674 g/mL

Boiling Point: 212° F

Flash Point: >212° F

Viscosity @ 25C: 20 to 1500 cps

Melting Point: Not Available

Freezing Point: Not Available

Vapor Pressure @ 25C: Not Available

Evaporation Rate: Not Available

Section 10. Stability and Reactivity

Chemical Stability:

STABLE UNDER RECOMMENDED STORAGE CONDITIONS.

Conditions to Avoid:

DO NOT ALLOW PRODUCT TO FREEZE.

Incompatible Materials:

STRONG OXIDIZERS.

Hazardous Decomposition Products:

CARBON DIOXIDE, CARBON MONOXIDE AND VARIOUS HYDROCARBONS MAY BE RELEASED DURING A FIRE.

Possibility of Hazardous Reactions:

NONE ARE KNOWN.

Section 11. Toxicological Information

Acute Health Effects:

Eyes:

CAN CAUSE EYE IRRITATION.

Skin:

PROLONGED OR REPEATED CONTACT WITH THE UNDILUTED PRODUCT CAN CAUSE SKIN DRYNESS OR IRRITATION.

Ingestion:

SWALLOWING THIS PRODUCT MAY CAUSE GASTROINTESTINAL IRRITATION, DIARRHEA, NAUSEA, AND VOMITING.

Inhalation:

MAY CAUSE IRRITATION TO THE RESPIRATORY TRACT AND LUNGS IF INHALED. AVOID PROLONGED OR REPEATED BREATHING OF SPRAY MISTS OR DUST.

Chronic Health Effects:

NOT DETERMINED.

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Toxicity Values:
No Data Available

Section 12. Ecological Information

Ecotoxicity:
NO DATA AVAILABLE.

Persistence and Degradability:
NO DATA AVAILABLE.

Bioaccumulative Potential:
NO DATA AVAILABLE.

Mobility in Soil:
NO DATA AVAILABLE.

Other Adverse Effects:
NO DATA AVAILABLE.

Section 13. Disposal Considerations

DISPOSE OF ONLY BY METHODS APPROVED BY AND USED IN ACCORD WITH LOCAL, STATE AND FEDERAL REGULATIONS.

Section 14. Transportation Information

DOT Road Shipment Information (49 CFR 172.101):
NON REGULATED

Ocean Shipment (IMDG):
NON REGULATED

Air Shipment (IATA):
NON REGULATED

Section 15. Regulatory Information

TSCA Status: ALL COMPONENTS OF THIS PRODUCT ARE LISTED IN THE TSCA INVENTORY.

EPA SARA Title III Chemical Listings

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Section 302 Extremely Hazardous Substances:

No

Section 304 CERCLA Hazardous Substances:

No

Section 311/312 Hazard Class:

Acute: No

Chronic: No

Fire: No

Pressure: No

Reactive: No

Section 313 Toxic Chemicals:

None

Other Regulatory Information:

NO DATA AVAILABLE.

Section 16. Other Information

HMIS Profile:

Health:

Flammability:

Reactivity:

Personal Protection:

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General Information

ATTENTION: DO NOT REUSE CONTAINER FOR PURPOSES OTHER THAN ORIGINALLY INTENDED. EMPTIED CONTAINER RETAINS VAPOR OR PRODUCT RESIDUE. DO NOT REUSE UNLESS CONTAINER IS THOROUGHLY RECONDITIONED.FOR INDUSTRIAL USE ONLY. USE ONLY ACCORDING TO INFORMATION CONTAINED IN THE TECHNICAL BULLETIN AND SDS.

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