



Manufacturers Chemicals

TYPICAL

CHARACTERISTICS:

APPEARANCE: CLEAR COLOR TO LIGHT AMBER LIQUID

pH NEAT: 8.0

VISCOSITY: 700 CPS

% SOLIDS: 29.0

STORAGE STABILITY:

EXCELLENT UNDER NORMAL WAREHOUSE CONDITIONS. AT TEMPERATURES BELOW APPROXIMATELY 50°F, THE PRODUCT WILL BECOME CLOUDY. AVOID FREEZING

PACKAGING: AVAILABLE IN DRUM, TOTE AND BULK

MANAWET ALS-28

- MANAWET ALS-28 is Ammonium Lauryl Sulfate developed primarily for use in frothing applications.
- MANAWET ALS-28 is suitable for a wide range of applications, such as frothing latex compounds for carpet and textile applications, shampoos, industrial cleaners and many other situations requiring high foaming properties.
- MANAWET ALS-28 contains low levels of salts and of free fatty alcohol and contains no hazardous ingredients.
- The typical color of MCC's MANAWET ALS-28 is extremely good compared to competitive products.

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 ALS-28

1 of 7 Pages

SECTION 1. CHEMICAL PRODUCT/COMPANY IDENTIFICATION

Product Name:

MANAWET ALS-28

Chemical Name:

SODIUM LAURYL SULFATE

CAS#:

2235-54-3

Recommended Use:

SURFACTANT

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:

Skin Irritation - Category 2

Eye Irritation - Category 2A

Hazardous to the Aquatic Environment-(Acute Hazard)-Category 3

Hazardous to the Aquatic Environment-(Chronic Hazard)-Category 3

Signal Word:

WARNING!

Symbol:



Hazard Statements:

Health

Causes serious eye irritation. Causes skin irritation.

Environmental

Harmful to aquatic life. Harmful to aquatic life with long lasting effects.

Precautionary Statements:

Prevention

Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Avoid release to the environment.

Response

Safety Data Sheet

PRODUCT NAME:MANAWET ALS-28

2 of 7 Pages

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF ON SKIN: Wash with plenty of water and mild soap. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

Disposal

Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

SECTION 3. Composition/Information On Hazardous Ingredients

Component Name	CAS Number	% by Weight
SODIUM LAURYL SULFATE	2235-54-3	20 to 30
LAURYL ALCOHOL	112-53-8	1 to 5

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

Safety Data Sheet

PRODUCT NAME:MANAWET ALS-28

3 of 7 Pages

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, OXIDES OF SULFUR AND NITROGEN, AND VARIOUS HYDROCARBONS MAY BE RELESED DURING A FIRE.

Section 6. Accidental Release Measure

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:

KEEP CONTAINER CLOSED WHEN NOT IN USE.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.KEEP CONTAINER TIGHTLY CLOSED AND STORED IN A WELL VENTILATED PLACE.

Incompatibilities:

STRONG OXIDIZERS.

Section 8. Exposure Controls and Personal Protection

Safety Data Sheet

PRODUCT NAME:MANAWET ALS-28

4 of 7 Pages

Exposure Limits

<u>Chemical Name</u>	<u>CAS #</u>	<u>Exposure Limit/Value</u>	<u>Type</u>	<u>Source</u>
SODIUM LAURYL SULFATE	2235-54-3	None	None	None
LAURYL ALCOHOL	112-53-8	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.

Safety Data Sheet

PRODUCT NAME:MANAWET ALS-28

5 of 7 Pages

Section 9. Physical and Chemical Properties

Appearance:CLEAR COLORLESS TO LIGHT STRAW LIQUID

Odor: FATTY SULFATE

pH: 6.5 to 8.5 (1% sol)

Solubility in Water:SOLUBLE

Specific Gravity @ 25C:1.02 g/mL

Boiling Point: 212° F

Flash Point: >212° F

Viscosity @ 25C: 200 to 3,000 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 MONOXIDE, CARBON DIOXIDE AS WELL AS SULFUR AND NITROGEN OXIDES MAY BE FORMED WHEN PRODUCT IS BURNED.

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.

Safety Data Sheet

PRODUCT NAME:MANAWET ALS-28

6 of 7 Pages

Toxicity Values:

No Data Available

Section 12. Ecological Information

Ecotoxicity:

TOXIC TO AQUATIC LIFE.HARMFUL TO AQUATIC LIFE WITH LONG LASTING EFFECTS.

Persistence and Degradability:

PRODUCT IS READILY BIODEGRADABLE.

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

Safety Data Sheet

PRODUCT NAME:MANAWET ALS-28

7 of 7 Pages

Section 302 Extremely Hazardous Substances:

No

Section 304 CERCLA Hazardous Substances:

No

Section 311/312 Hazard Class:

Acute: Yes

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:

2

Flammability:

1

Reactivity:

0

Personal Protection:

B

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.EMPTIED CONTAINERS MAY RETAIN HAZARDOUS RESIDUE AND EXPLOSIVE VAPORS. KEEP AWAY FROM HEAT, SPARKS, AND FLAMES. DO NOT CUT, PUNCTURE, OR WELD ON OR NEAR THIS CONTAINER. FOLLOW LABEL WARNINGS UNTIL CONTAINER IS THOROUGHLY CLEANED OR DESTROYED.FOR INDUSTRIAL USE ONLY. USE ONLY ACCORDING TO INFORMATION CONTAINED IN THE TECHNICAL BULLETIN AND MSDS.

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This is the last Page