

MANASPERSE LGS

MANASPERSE LGS is the sodium salt of polymerized substituted benzoid alkyl sulfonic acids and is used as a dispersing and emulsifying agent. Very effective with zinc oxide, clays and sulfur.

Typical Characteristics

Appearance & Odor.....	Dark Brown Powder
pH of 3% Solution.....	8.0 to 9.0
Insolubles.....	0.3% maximum
Moisture content.....	3.5 to 8.0
Solubility, 1% sol. In water.....	Soluble

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.

Material Safety Data Sheet
MANASPERSE LGS

SECTION I - IDENTIFICATION

MANUFACTURER'S NAME:..... MANUFACTURERS CHEMICALS, LLC
MANUFACTURER'S ADDRESS:..... 4325 OLD TASSO ROAD | P.O. BOX 2788 CLEVELAND, TN 37312
EMERGENCY PHONE NUMBER 423-476-6666 OR CHEMTREC 800-424-9300
DATE PREPARED: DECEMBER 11, 2013
REVISED DATE: N/A
PRODUCT NAME: MANASPERSE LGS
CHEMICAL DESCRIPTION: SODIUM LIGNIN SULFATE
PRODUCT USE: DISPERSING AGENT

SECTION II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	PERCENT	TLV (UNITS)	PRODCAS #
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SECTION III - PHYSICAL DATA

BOILING POINT: NOT APPLICABLE
pH 1% SOLUTION: 8.8 TO 10.0
SOLUBILITY IN WATER: SOLUBLE
% MOISTURE: 3.5 TO 8.0
BROOKFIELD VISC. @ 75F NOT APPLICABLE
SPECIFIC GRAVITY: NOT AVAILABLE
APPEARANCE AND ODOR: BROWN POWDER
MISC. PHYSICAL DATA: NOT AVAILABLE

SECTION IV - FIRE AND EXPLOSION DATA

FLASHPOINT: NOT APPLICABLE
FIRE POINT: NOT APPLICABLE
EXTINGUISHING MEDIA: CO2, DRY CHEMICAL, FOAM. PRODUCT WILL NOT BURN UNTIL ALMOST ALL THE WATER IS DRIVEN OFF; HOWEVER, USE EXTINGUISHING MEDIA AS APPROPRIATE FOR THE MATERIALS IN THE SURROUNDING FIRE.
SPECIAL FIRE FIGHTING PROCEDURES: WEAR A SELF CONTAINED BREATHING APPARATUS WITH A FULL FACEPIECE OPERATED IN PRESSURE DEMAND OR OTHER POSITIVE DISPLACEMENT MODE.

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SECTION V - REACTIVITY DATA

CHEMICAL STABILITY:ACIDS WILL CAUSE PRODUCT TO BECOME VERY LOW IN VISCOSITY WHICH WILL RESULT IN SEPARATION OF THE PRODUCT.

CONDITIONS TO AVOID:.....N/A

INCOMPATIBILITY: STRONG OXIDIZERS.

DECOMPOSITION PRODUCTS: CARBON DIOXIDE, CARBON MONOXIDE, SULFUR OXIDES AND VARIOUS HYDROCARBONS MAY BE RELEASED DURING A FIRE.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION VI - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: N/A

OVER EXPOSURE EFFECTS/ROUTES OF ENTRY:

CAN CAUSE MODERATE TO SEVERE EYE IRRITATION. PROLONGED OR REPEATED CONTACT WITH THE UNDILUTED PRODUCT CAN CAUSE SKIN DRYNESS OR IRRITATION. EXCESSIVE BREATHING OF DUSTS OF THIS PRODUCT CAN CAUSE RESPIRATORY TRACT IRRITATION.

FIRST AID PROCEDURES:

FLUSH EYES WITH CLEAN WATER FOR AT LEAST 15 MINUTES AND GET MEDICAL ATTENTION. REMOVE CONTAMINATED CLOTHING AND WASH AFFECTED SKIN AREAS WITH MILD SOAP AND WATER. IF INGESTED, GIVE PLENTY OF WATER. CONSULT A PHYSICIAN. IF AFFECTED BY BREATHING DUST OF THIS PRODUCT, REMOVE INDIVIDUAL TO AREA OF FRESH AIR. IF BREATHING IS DIFFICULT, GET MEDICAL ATTENTION.

CHRONIC OVER EXPOSURE EFFECTS:

N/A

CARCINOGENICITY INFORMATION:

NO COMPONENTS OF THIS PRODUCT ARE LISTED AS A CARCINOGEN BY IARC, NTP, OSHA, OR ACGIH.

SECTION VII - SPILL OR LEAK PROCEDURE

FOR SPILL:

USING SHOVELS OR SCOOPS, PICK UP AS MUCH MATERIAL AS POSSIBLE FOR USE AS A SALVAGE MATERIAL. AVOID DUSTS ACCUMULATION.

WASTE DISPOSAL METHOD:

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

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SECTION VIII - SPECIAL PROTECTION

RESPIRATORY PROTECTION:

WEAR APPROVED DUST PROTECTION IF EXCESSIVE DUST IS GENERATED.

VENTILATION:

LOCAL EXHAUST, GENERAL MECHANICAL.

PROTECTIVE GLOVES:

NEOPRENE OR OTHER CHEMICAL RESISTANT GLOVES.

EYE PROTECTION:

SAFETY GLASSES OR CHEMICAL SPLASH GOGGLES.

OTHER PROTECTIVE EQUIPMENT:

SAFETY SHOWER / EYE BATH.

SECTION IX - SPECIAL PRECAUTIONS

SPECIAL INFORMATION:

AVOID ALLOWING PRODUCT TO FREEZE.

DOT HAZARD CLASS:.....N/A

DOT SHIPPING NAME:N/A

UN NUMBER:.....N/A

NA NUMBER:.....N/A

ADDITIONAL REGULATORY INFORMATION:

TSCA INVENTORY.

ALL COMPONENTS OF THIS PRODUCT ARE LISTED IN THE

HMS CODES	
HEALTH	1
FLAMMABILITY	1
REACTIVITY	0
PERS. PROTECTION	E

ALL DATA ARE BELIEVED TO BE CORRECT, HOWEVER, THIS SHOULD NOT BE ACCEPTED AS A GUARANTEE OF THEIR ACCURACY WITHOUT CONFIRMING TESTS IN YOUR OWN PLANT OR LABORATORY. THE DATA RELATES ONLY TO THE MATERIAL AS SUPPLIED AND DOES NOT RELATE TO COMBINATIONS WITH OTHER MATERIALS.
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