

MANASPERSE SN

MANASPERSE SN is the sodium salt of condensed sulfonated naphthalene and is used as a dispersing agent for water insoluble powders. Low foaming; it is the product of choice in making cure package dispersions for many years.

Typical Characteristics

Appearance & Odor.....	Tan to Amber Powder
pH of 2% Solution.....	7.8 to 10.4
Color, Gardner, 1% sol.....	3.0 maximum
Sodium Sulfate.....	8.5% maximum
Total solids.....	88.5% minimum
Density @ 25C.....	1.25 mg/m ³

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 SN

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 SN
CHEMICAL DESCRIPTION: NAPHTHALENE-FORMALDEHYDE CONDENSATE SODIUM SALT
PRODUCT USE: DISPERSING AGENT

SECTION II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	PERCENT	TLV (UNITS)	PRODCAS #
FORMALDEHYDE	<0.05	0.3 ppm	7757-82-6

SECTION III - PHYSICAL DATA

BOILING POINT: NOT APPLICABLE
pH 1% SOLUTION: 8.8 TO 10.0
SOLUBILITY IN WATER: SOLUBLE
% MOISTURE: NOT AVAILABLE
BROOKFIELD VISC. @ 75F NOT APPLICABLE
SPECIFIC GRAVITY: NOT AVAILABLE
APPEARANCE AND ODOR: TAN 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.

Material Safety Data Sheet

MANASPERSE SN

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: LD50: (oral, rat) 4300 mg/kg; (dermal, rat) >2000 mg/kg

LC50: Not available

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

CARCINOGENITY INFORMATION:

THIS PRODUCT MAY CONTAIN TRACE AMOUNTS OF FORMALDEHYDE. FORMALDEHYDE IS A KNOWN CARCINOGEN.

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.

Material Safety Data Sheet

MANASPERSE SN

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:

ALL COMPONENTS OF THIS PRODUCT ARE LISTED IN THE TSCA INVENTORY. NO COMPONENTS OF THIS PRODUCT ARE SUBJECT TO THE REPORTING REQUIREMENTS OF SARA TITLE III SECTION 313. THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL SUBJECT TO THE REPORTING REQUIREMENTS OF SARA 313---FORMALDEHYDE---. SEE SECTION II OF THIS MSDS FOR PERCENT.

HMIS 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. MANASPERSE SN