

# MATERIAL SAFETY DATA SHEET: LANO-SCRUB (TUBES)

## Section I - General Information

(000000-000000- - 5918)

**Date of Issue:**

1/25/2001 12:00:00 AM

**Supersedes:**

7/31/1997 12:00:00 AM

**Chemical Name & Synonyms:**

N/A

**Trade Name & Synonyms:**

LANO-SCRUB (TUBES)

**Chemical Family:**

DETERGENT/PETROLEUM DISTILLATE

Formula is a mixture: []

**Manufacturer Name:**

MANTEK, DIVISION OF NCH CORP.

**Manufacturer Address:**

BOX 152170  
IRVING, TEXAS 75015

**Prepared By:**

R Stolley/Chemist

**Product Code Number:**

5918

**Emergency Phone Number:**

800-424-9300

## Section II - Hazardous Ingredients

THE HAZARDS PRESENTED BELOW ARE THOSE OF THE INDIVIDUAL COMPONENTS

<u>Chemical Name (Ingredients)</u>	<u>Hazard</u>	<u>TLV</u>	<u>PEL</u>	<u>STEL</u>	<u>CAS #</u>
ALIPHATIC PETROLEUM DISTILLATE	IRRITANT	5 MG/M3\$1	5 MG/M3\$2	NOT EST.	64742-47-8
WHITE MINERAL OIL	OIL MIST	5MG/M3 1.	5MG/M3 2.	N/E	8042-47-5
NONYL PHENOL POLYETHYLENE GLYCOL ETHER	IRRITANT	N/E 1.	N/E 2.	N/E	127087-87-0

## Section IIa - Non-Hazardous Ingredients

(NON-HAZARDOUS INGREDIENT NAMES AND CAS NUMBERS ARE PROTECTED UNDER NJ TRADE)

Secret Registry #: 409363 - 5088P

## Section III - Physical Data

<b>Boiling Point (°F):</b> 212	<b>Specific Gravity (H<sub>2</sub>O=1):</b> 0.86
<b>Vapor Pressure (mm Hg):</b> NOT EST.	<b>Color:</b> PINK
<b>Vapor Density (Air=1):</b> NOT EST.	<b>Odor:</b> PERFUME
<b>pH @ 100%:</b> 7.5	<b>Clarity:</b> OPAQUE
<b>% Volatile by Volume:</b> 32	<b>Evaporation Rate (BuAc=1):</b> < 1
<b>H<sub>2</sub>O Solubility:</b> EMULSIFIABLE	<b>Viscosity:</b> VISCOUS

## Section IV - Fire and Explosion Hazard

**Flash Point:** 215°F.  
**Flammable Limits:** N/A  
**LEL:** N/A

**Method Used:** SETA FLASH  
**UEL:** N/A  
**Aerosol Level (NFPA 30B):** N/A

**Extinguishing Media:**

<input checked="" type="checkbox"/> Foam	<input checked="" type="checkbox"/> Alcohol Foam	<input checked="" type="checkbox"/> CO2
<input checked="" type="checkbox"/> Dry Chemical	<input checked="" type="checkbox"/> Water Spray	<input type="checkbox"/> Other

**NFPA 704 Hazard Rating:**

4-Extreme	Health: 1
3-High	Flammability: 1
2-Moderate	Instability: 0
1-Slight	Special:
0-Insignificant	

# MATERIAL SAFETY DATA SHEET: LANO-SCRUB (TUBES)

## Special Fire Fighting Procedures:

A FIREFIGHTERS SHOULD WEAR A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR. COOL FIRE-EXPOSED CONTAINERS WITH WATER SPRAY TO PREVENT BURSTING.

## Unusual Fire and Explosion Hazards:

PRODUCT MAY PRODUCE A FLOATING FIRE HAZARD AS LIQUID FLOATS ON WATER. THE USE OF WATER AS AN EXTINGUISHING MEDIUM MAY CAUSE FROTHING AND FOAMING. NEVER USE A WATER JET AS THAT WILL ONLY SPREAD THE FIRE. USE CARE AS SPILLS MAY BE SLIPPERY.

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## Section V - Health and Hazard Data

### Threshold Limit Value:

5 MG/M3 AS OIL MIST 1.

### Effects of Overexposure:

#### Acute: (Short Term Exposure)

EYE CONTACT: MAY CAUSE IRRITATION SEEN AS TEARING AND REDNESS. SKIN CONTACT: MAY CAUSE IRRITATION SEEN AS ITCHING AND REDNESS. INHALATION: MISTING IS UNLIKELY, BUT BREATHING OF VAPOR FROM HEATED PRODUCT MAY CAUSE IRRITATION OF THE RESPIRATORY TRACT, NASAL DISCOMFORT/DISCHARGE AND COUGHING. INGESTION: MAY CAUSE IRRITATION WITH POSSIBLE NAUSEA, VOMITING AND DIARRHEA.

#### Chronic: (Long Term Exposure)

CHRONIC SKIN CONTACT MAY PROMOTE DERMATITIS. TARGET ORGANS: NONE KNOWN. THERE IS NO PRIMARY ROUTE OF ENTRY INTO THE BODY. THE PRIMARY ROUTES OF EXPOSURE ARE SKIN AND EYE CONTACT.

### Primary Routes of Entry

Inhalation       Ingestion       Absorption

### Emergency First Aid Procedures:

#### Inhalation:

REMOVE FROM THE AREA TO FRESH AIR. SEEK MEDICAL ATTENTION IF RESPIRATORY IRRITATION DEVELOPS OR IF BREATHING BECOMES DIFFICULT.

#### Eye Contact:

RINSE THE EYES WITH WATER. REMOVE ANY CONTACT LENSES AND CONTINUE FLUSHING WITH PLENTY OF WATER FOR SEVERAL MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS.

#### Skin Contact:

WASH AFFECTED AREAS WITH PLENTY OF WATER FOR SEVERAL MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS.

#### Ingestion:

GIVE 3-4 GLASSES OF WATER, BUT DO NOT INDUCE VOMITING. IF VOMITING OCCURS, GIVE FLUIDS AGAIN. SEEK MEDICAL ATTENTION IF DISCOMFORT OCCURS.

#### Notes to Physician:

THERE IS NO SPECIFIC ANTIDOTE. TREAT THE PATIENT SYMPTOMATICALLY.

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## Section VI - Toxicity Information

### Product Contains Chemicals Listed as Carcinogen or Potential Carcinogen By:

IARC       NTP       OSHA       ACGIH       Other

#### PRODUCT MIXTURE

SKN-RBT SDT: 2.65 (24 HOUR OCCLUDED) 4.

EYE-RBT SDT: 5.0 4.

#### ALIPHATIC PETROLEUM DISTILLATES

ORL-RAT LD50: > 5 G/KG 3.

SKN-RBT LD50: > 2 G/KG 3.

#### NONYL PHENOL POLYETHYLENE GLYCOL ETHER

SKN-RBT (OPEN): 500 MG MILD 3.

ORL-RAT LD50: 1310 MG/KG 3.

SKN-RBT LD50: 2000 MG/KG 3.

#### WHITE MINERAL OIL

NO TOXICITY DATA AVAILABLE

# MATERIAL SAFETY DATA SHEET: LANO-SCRUB (TUBES)

## Section VII - Reactivity Data

<b>Stability</b> <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable <b>Conditions to Avoid:</b> EXCESSIVELY HIGH TEMPERATURES	<b>Hazardous Polymerization</b> <input checked="" type="checkbox"/> Will not occur <input type="checkbox"/> May occur <b>Conditions to Avoid:</b> N/A
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**Incompatibility (Materials to Avoid):**  
STRONG OXIDIZING AGENTS SUCH AS CHLORINE BLEACH AND CONCENTRATED HYDROGEN PEROXIDE.

**Hazardous Decomposition Products:**  
OXIDES OF CARBON, ACRID FUMES AND SMOKE UPON THERMAL DECOMPOSITION.

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## Section VIII - Spill Or Leak Procedures

**Steps to be Taken if Material is Released or Spilled:**  
DUE TO THE NATURE OF THE PACKAGING, A LARGE SPILL IS UNLIKELY. PICK UP SPILLED MATERIAL AND PLACE INTO A PROPERLY LABELED CONTAINER FOR DISPOSAL. USE CARE AS SPILLS MAY BE SLIPPERY.

**Waste Disposal Method(s):**  
DISPOSE OF IN ACCORDANCE WITH ALL STATE, FEDERAL, AND LOCAL REGULATIONS.

**Neutralizing Agent:**  
N/A

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## Section IX - Special Protection Information

**Required Ventilation:**  
LOCAL VENTILATION IS RECOMMENDED TO CONTROL EXPOSURE FROM OPERATIONS THAT CAN GENERATE VAPORS.

**Respiratory Protection:**  
NONE REQUIRED UNDER NORMAL CONDITIONS OF USE.

**Glove Protection:**  
NEOPRENE OR NITRILE RUBBER GLOVES IF REPEATED OR PROLONGED SKIN CONTACT IS LIKELY.

**Eye Protection:**  
SAFETY GLASSES IF THE METHOD OF USE PRESENTS THE LIKELIHOOD OF EYE CONTACT.

**Other Protection:**  
N/A

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## Section X - Storage and Handling Information

<b>Storage Temperature</b> Max: 90°F                      Min: 32°F.	<b>Storage Conditions</b> <input checked="" type="checkbox"/> Indoors <input type="checkbox"/> Outdoors <input type="checkbox"/> Heated <input type="checkbox"/> Refrigerated
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**Precautions to be Taken in Handling and Storing:**  
ALWAYS STORE MATERIAL IN ITS ORIGINAL CONTAINER. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE. AVOID HIGH TEMPERATURES WHICH CAN CAUSE SEPARATION.

**Other Precautions:**  
KEEP OUT OF REACH OF CHILDREN. READ THE ENTIRE LABEL BEFORE USING THE PRODUCT. FOLLOW THE LABEL DIRECTIONS.

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## Section XI - Regulatory Information

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Upper % Limit</u>
GLYCOL ETHER	N/A	2

Those Ingredients listed above are subject to the reporting requirements of 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372.

Please call 1-800-527-9919 for additional information if you are a California customer. This MSDS is not intended for users in the state of California.

# MATERIAL SAFETY DATA SHEET: LANO-SCRUB (TUBES)

## Section XII - References

1. THRESHOLD LIMIT VALUES FOR CHEMICAL SUBSTANCES AND PHYSICAL AGENTS AND AND BIOLOGICAL EXPOSURE INDICES, ACGIH, 1999. 2. OSHA PEL. 3. REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES, CCINFODisc, 2000. 4. INDEPENDENT LABORATORY TESTING. ALL COMPONENTS IN THIS PRODUCT CAN BE FOUND IN THE CURRENT TSCA INVENTORY. IRR:IRRITANT, FLAM/FLAMM:FLAMMABLE, COMB:COMBUSTIBLE, CORR:CORROSIVE CARC:CARCINOGENIC, TOX:TOXIC, N/A:NOT APPLICABLE, N/E:NOT ESTABLISHED, COC:CLEVELAND OPEN CUP, PMCC:PENSKY-MARTIN CLOSED CUP, TCC:TAGLIABUE CLOSED CUP, LEL:LOWER EXPLOSION LIMIT, UEL:UPPER EXPLOSION LIMIT, NFPA:NATIONAL FIRE PROTECTION ASSOCIATION, IARC:INTERNATIONAL AGENCY FOR THE RESEARCH ON CANCER, NTP:NATIONAL TOXICOLOGY PROGRAM, OSHA:OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION, ACGIH:AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS, TLV:THRESHOLD LIMIT VALUE, PEL:PERMISSIBLE EXPOSURE LIMIT, STEL:SHORT-TERM EXPOSURE LIMIT, MLD:MILD, MOD:MODERATE, SEV:SEVERE, MUT:MUTAGENIC, ASPHYX:ASPHYXIAN, PNO: PARTICULATES NOT OTHERWISE CLASSIFIED, SDT:STANDARD DRAIZE TEST, ORL: ORAL, HMN: HUMAN, IHL:

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA CONSIDERED ACCURATE IN LIGHT OF CURRENT FORMULATION. HOWEVER, NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THE DATA OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF.

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