

Material Safety Data Sheet

May be used to comply with
OSHA'S Hazard Communication Standard,
29 CFR 1910. 1200 Standard must be consulted
for specific requirements.

U.S. DEPARTMENT OF LABOR

Occupational Safety and Health
Administration
(Non-Mandatory Form) Form Approved
OMB NO. 1218-0072

IDENTITY (As Used On Label and List)**STERI -DRI****SECTION I:****Manufacturer's Name:****Noble Pine Products Co.****Address:****P.O. BOX 41****Yonkers, NY 10710****Emergency Telephone Number:****(800)424-9300 chemtree****Telephone Number for Information:****(914)664-5877****Date Prepared:****January 8, 2003****SECTION II: HAZARDOUS INGREDIENTS/IDENTIFY INFORMATION**

Hazardous Components (COMMON NAMES)	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED	% (OPTIONAL)
PARAFORMALDEHYDE	30525-89-4	1PPM	1PPM	69
CAMPBOR	76-22-2	2 MG/M3	2PPM	23
ZINC STERATE	1107945		10 MG/M3	8

HAZARD RATINGS:

NFPA RATING : HEALTH: 3 FLAMMABILITY: 1 REACTIVITY: 0

HMIS RATING : HEALTH: 3 FLAMMABILITY: 1 REACTIVITY: 0

SECTION III: PHYSICAL/CHEMICAL CHARACTERISTICS**BOILING POINT - (PARAFORMALDEHYDE SUBLIMES):**

397 F

VAPOR PRESSURE (MM-HG.):

APPROX. 5MM HG

VAPOR DENSITY (AIR=1):

APPROX. 1.04

SPECIFIC GRAVITY (H2O=1) (CAMPBOR SP GR 0.992 PARA DENG):

1.45 G/ML

MELTING POINT:

248-338 F

EVAPORATION RATE (BUTYLACETATE =1) @ R.T.:

SLOW

SOLUBILITY IN WATER:

SLIGHTLY SOLUBLE AT ROOM TEMPERATURE.

APPEARANCE AND ODOR:CONTENTS; WHITE SOLID, WITH PUNGENT
PENETRATING ODOR.**SECTION IV- FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT (Method Used) TAG CLOSED CUP

APPROX. 154 F.

FLAMMABLE LIMITS I:

PARAFORMALDEHYDE

LEL: 7.0% UEL: 73%

FLAMMABLE LIMITS II:

CAMPBOR

LEL: 0.6% UEL: 3.5%

EXTINGUISHING MEDIA:

- CO2 FOAM, DRY CHEMICALS FOR SMALL FIRES AND WATER FOG FOR LARGE FIRE.

SPECIAL FIRE FIGHTING PROCEDURES:

- BREATHING OF VAPOR HARMFUL; WEAR SELF CONTAINED BREATHING APPARATUS AND PERSONAL PROTECTIVE EQUIPMENT.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

- EVOLVES FLAMMABLE AND EXPLOSIVE VAPORS WHEN HEATED.

SECTION V: REACTIVITY DATA**STABILITY:**

STABLE

CONDITIONS TO AVOID:

High Temperatures (Approx. 570 F) Strong Alkalies, Acids.

INCOMPATIBILITY :

Strong Alkalies, Inorganic Acids, Chlorates.

(MATERIALS TO AVOID)**HAZARDOUS DECOMPOSITION OR BYPRODUCTS:**

Carbon Dioxide, Carbon Monoxide, Formaldehyde Gas.

HAZARDOUS POLYMERIZATION:

WILL NOT OCCUR

SECTION VI: HEALTH HAZARD DATA**ROUTE(S) OF ENTRY:**

INHALATION:

YES

SKIN:

UNLIKELY IN APPLICATION

INGESTION:

UNLIKELY IN APPLICATION

HEALTH HAZARDS (ACUTE AND CHRONIC):

- PRIMARY IRRITANT TO SKIN AND UPPER RESPIRATORY TRACT.
- INGESTION MAY CAUSE SEVERE IRRITATION AND DIZZINESS.
- LARGE DOSES MAY BE FATAL IF SWALLOWED.

CARCINOGENICITY:

NTP?	POSS
IARC MONOGRAPHS?	POSS
OSHA REGULATED?	YES

SIGNS AND SYMPTOMS OF EXPOSURE:

- PRIMARY IRRITANT TO SKIN AND UPPER RESPIRATORY TRACT.
- INGESTION MAY CAUSE SEVERE IRRITATION AND DIZZINESS.
- LARGE DOSE MAY BE FATAL IF SWALLOWED.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

- ALLERGIC REACTION POSSIBLE.

EMERGENCY AND FIRST AID PROCEDURE:

- DIRECT CONTACT WASH SKIN-EYES COPIOUSLY WITH WATER.
- REMOVE CONTAMINATED CLOTHING.
- INHALATION; MOVE TO FRESH AIR.
- INGESTION; REMOVE TO STOMACH CONTENT BY LAVAGE.
- MEDICAL ATTENTION IN ALL CASES.

SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

- CONTAIN MATERIAL AND DISPOSE OF IN ACCORDANCE WITH LOCAL REGULATIONS.

WASTE DISPOSAL METHOD:

- DEFINED AS NON HAZARDOUS WASTE. DISPOSE OF IN NORMAL MANOR.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

- STORE IN COOL WELL VENTILATED AREA. KEEP AWAY FROM HEAT SPARKS AND FLAME.

OTHER PRECAUTIONS:

- NONE NEEDED.

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION (SPECIFIC TYPE):

NONE NEEDED

VENTILATION

LOCAL EXHAUST

N/A

MECHANICAL (GENERAL)

N/A

SPECIAL

N/A

OTHER

N/A

PROTECTIVE GLOVES:

NONE NEEDED IN APPLICATION

EYE PROTECTION:

NONE NEEDED IN APPLICATION

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

NONE NEEDED IN APPLICATION

WORK/HYGIENIC PRACTICES:

IN ACCORDANCE WITH REASONABLE METHODS.
