MATERIAL SAFETY DATA SHEET: OVER-COAT

Section I - General Information

(000000-000000- - 0054)

Date of Issue:
8/22/1995 12:00:00 AM

Supercedes:
7/27/1995 12:00:00 AM

Chemical Name & Synonyms:
N/A

Trade Name & Synonyms:
OVER-COAT

Chemical Family:
CHLORONATED PETROLEUM MIXTURE

Formula is a mixture: [√]

Manufacturer Name:
CERTIFIED LABS, DIV. OF NCH CORP.

Manufacturer Address:
BOX 152170
IRVING, TEXAS 75015

Prepared By:
M PERKINS/CHEMIST

Product Code Number:
0054

Emergency Phone Number:
800-424-9300

Section II - Hazardous Ingredients

THE HAZARDS PRESENTED BELOW ARE THOSE OF THE INDIVIDUAL COMPONENTS

Chemical Name (Ingredients)	Hazard	TLV	PEL	STEL	CAS #
1,1,1-TRICHLOROETHANE	IRRITANT	350 PPM 1	350 PPM 2	450 PPM	71-55-6
DIMETHOXYMETHANE	IRR./TOX.	1000 PPM 1	1000 PPM 2	N/E	109-87-5
STODDARD SOLVENT	IRRITANT	100 PPM 1	500 PPM 2	N/E	8052-41-3
HYDROTREATED HEAVY NAPHTHENIC DISTILLATE	IRRITANT	5 MG/M3$ 1	5 MG/M3$ 2	10 MG/M3$	64742-52-5
HEAVY PARAFFINIC DISTILLATE	OIL MIST	5 MG/M3$ 1	5 MG/M3$ 2	10 MG/M3$	64742-54-7
MICROCRYSTALLINE WAX (PARAFFIN)	IRRITANT	2 MG/M3 1	N/E 2	N/E	8002-74-2

$ OIL MIST VALUES.

Section IIa - Non-Hazardous Ingredients

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

Secret Registry #: 409363-52- 08P

Section III - Physical Data

Boiling Point (°F): 124

Vapor Pressure (mm Hg): 100

Vapor Density (Air=1): 4.6

pH @ 100% : N/A

% Volatile by Volume: 57.5

H_20 Solubility: NEGLIGIBLE

Specific Gravity (H_20=1): 0.963

Color: BROWN

Odor: CHLORINATED

Clarity: OPAQUE

Evaporation Rate (BuAc=1): <0.75

Viscosity: VISCOUS

Section IV - Fire and Explosion Hazard

Flash Point: 85 F

Method Used: T.C.C.

Flammable Limits: STODDARD SOLVENT

UEL: 6%

LEL: 1%

Aerosol Level (NFPA 30B): N/A

Extinguishing Media:

[√] Foam	[ ] Alcohol Foam	[√] CO2
[√] Dry Chemical	[√] Water Spray	[ ] Other

NFPA 704 Hazard Rating:

4-Extreme
3-High
2-Moderate
1-Slight
0-Insignificant

Health: 2
Flammability: 3
Instability: 0
Special:

Special Fire Fighting Procedures:
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:
VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL TO DISTANT SOURCES OF IGNITION AND FLASHBACK. PRODUCT MAY PRODUCE A FLOATING FIRE HAZARD AS LIQUID FLOATS ON WATER. DON'T SPRAY A DIRECT STREAM OF WATER INTO FIRE.

Section V - Health and Hazard Data

Threshold Limit Value:
NOT ESTABLISHED FOR PRODUCT MIXTURE. SEE SECTION II.

Effects of Overexposure:

Acute: (Short Term Exposure)
EYE CONTACT: CAUSES IRRITATION SEEN AS ITCHING, REDNESS, BLURRED VISION AND TEARING. PROLONGED CONTACT MAY CAUSE SEVERE IRRITATION. SKIN CONTACT: MAY CAUSE IRRITATION SEEN AS ITCHING AND REDNESS. PROLONGED OR REPEATED EXPOSURE MAY CAUSE IRRITATION, DRYING, DERMATITIS, OR FLAKING OF SKIN. MAY BE SEVERELY IRRITATING IF CONFINED TO THE SKIN BY GLOVES, CLOTHING, ETC. AND CAN LEAD TO ABSORPTION OF THE PRODUCT THROUGH THE SKIN. INHALATION: AT LOW LEVELS OF CONCENTRATION, INITIAL SYMPTOMS MAY INCLU HEADACHE, DIZZINESS, NAUSEA, LOSS OF CONCENTRATION, NARCOTIC OR ANESTHETIC EFFECTS, AND IRRITATION. WITH HIGH EXPOSURE LEVELS, CENTRAL NERVOUS SYSTEM DEPRESSION, AND DECREASED BODY WEIGHT MAY OCCUR. EXCESSIVELY HIGH LEVELS MAY CAUSE UNCONSCIOUSNESS, CARDIAC SENSITIZATION AND DEATH. INGESTION: MAY CAUSE GASTROINTESTINAL IRRITATION SEEN AS NAUSEA, VOMITING AND DIARRHEA. INGESTION AND SUBSEQUENT VOMITING OF THIS PRODUCT CAN LEAD TO ASPIRATION OF THE PRODUCT INTO THE LUNGS WHICH CAN CAUSE DAMAGE AND MAY BE FATAL.

Chronic: (Long Term Exposure)
NO CHRONIC DATA AVAILABLE. MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE ARE PRE-EXISTING RESPIRATORY AND SKIN CONDITIONS SUCH AS ASTHMA, EMPHYSEMA, AND DERMATITIS. TARGET ORGANS: CENTRAL NERVOUS SYSTEM AND LIVER

Primary Routes of Entry

[√] Inhalation	[ ] Ingestion	[ ] Absorption

Emergency First Aid Procedures:

Inhalation:
REMOVE FROM THE AREA TO FRESH AIR. IF NOT BREATHING, CLEAR THE AIRWAY AND START MOUTH TO MOUTH ARTIFICIAL RESPIRATION. GET IMMEDIATE MEDICAL ATTENTION.

Eye Contact:
IMMEDIATELY RINSE THE EYES WITH WATER. REMOVE ANY CONTACT LENSES AND CONTINUE FLUSHING FOR AT LEAST 15 MINUTES. HOLD THE EYELIDS APART TO ENSURE RINSING OF THE ENTIRE SURFACE OF THE EYES AND LIDS WITH WATER. GET IMMEDIATE MEDICAL ATTENTION.

Skin Contact:
WASH AFFECTED AREAS WITH PLENTY OF SOAP AND WATER FOR SEVERAL MINUTES. REMOVE AND CLEAN CONTAMINATED CLOTHING AND SHOES. SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS.

Ingestion:
GIVE 3 TO 4 GLASSES OF WATER, BUT DO NOT INDUCE VOMITING. IF VOMITING OCCURS, GIVE FLUIDS AGAIN. GET IMMEDIATE MEDICAL ATTENTION IF DISCOMFORT OCCURS.

Notes to Physician:
INGESTION AND SUBSEQUENT VOMITING OF THIS PRODUCT CAN LEAD TO ASPIRATION OF THE PRODUCT INTO THE LUNGS WHICH CAN CAUSE DAMAGE AND MAY BE FATAL. IF GASTRIC LAVAGE IS PERFORMED, ESOPHAGEAL AND/OR ENDOTRACHEAL CONTROL SHOULD BE CONSIDERED. EXPOSURE MAY INCREASE "MYOCARDIAL IRRITABILITY". DO NOT ADMINISTER SYMPATHOMIMETIC DRUGS (EPINEPHRINE) UNLESS ABSOLUTELY NECESSARY. NO SPECIFIC ANTIDOTE.

Section VI - Toxicity Information

Product Contains Chemicals Listed as Carcinogen or Potential Carcinogen By:

[ ] IARC	[ ] NTP	[ ] OSHA	[ ] ACGIH	[ ] Other

HYDROTREATED HEAVY NAPHTHENIC DISTILLATE 1,1,1-TRICHLOROETHANE
ORL-RAT LD50: >5 G/KG 3. ORL-RAT LD50: 10.3 G/KG 3.
SKN-RBT LD50: >2 G/KG 3. SKN-RBT 500 MG/24H MOD 3.
STODDARD SOLVENT: IHL-RAT LC50: 14,250 PPM/7H 3.
EYE-HMN 470PPM/15M 4. EYE-RBT 2 MG/24H SEV 3.
IHL-CAT LCLO: 10G/M3/2.5H 4. SKN-RBT LD50: >15 G/KG 3.
DIMETHOXYMETHANE CANCER INFORMATION: CHRONIC OVER
IHL-RAT LC50: 15000 PPM 3. EXPOSURE TO 1,1,1 TRICHLOROETHANE
ORL-RBT LD50: 5708 MG/KG 3. HAS CAUSED LIVER EFFECTS IN EXPERI-
SCU-GPG LDLO: 3013 MG/KG 3. MENTAL ANIMALS 4.
TERATOLOGY: EXPOSURES OF 1,1,1-TRICHLOROETHANE HAVING NO EFFECTS ON THE
MOTHER SHOULD HAVE NO EFFECT ON THE FETUS. 4.
HEAVY PARAFFINIC DISTILLATE MICROCRYSTALLINE WAX (PARAFFIN)
EYE-RBT 250 MG/5D 3. IMP-RAT TDLO: 120 MG/KG: ETA 3.
ORL-RAT LD50: >15 G/KG 5. IMP-MUS TDLO: 480 MG/KG: ETA 3.
SKN-RBT >5 G/KG 5. UNBLEACHED WAXES MAY CONTAIN RESIDUAL LEVELS
OF POLYNUCLEAR AROMATIC HYDROCARBONS, SOME OF WHICH HAVE BEEN SHOWN TO
CAUSE SKIN CANCER IN LAB ANIMALS, WHILE THERE IS NO EVIDENCE THESE PRODUCTS
CAUSE CANCER IN HUMANS, CARE SHOULD BE TAKEN WITH SKIN AND EYE CONTACT. 4.

Section VII - Reactivity Data

Stability

[√] Stable [ ] Unstable

Conditions to Avoid:
AVOID HEAT, HOT SURFACES, SPARKS AND OPEN FLAMES.

Hazardous Polymerization

[√] Will not occur [ ] May occur

Conditions to Avoid:
N/A

Incompatibility (Materials to Avoid):
ALKALIES, OXIDIZERS AND ACIDS. HYDROGEN PEROXIDE. ALUMINUM AND ZINC POWDERS, OR PROLONGED CONTACT WITH FREE WATER.

Hazardous Decomposition Products:
HYDROGEN CHLORIDE, PHOSGENE, AND CHLORINE. OXIDES OF CARBON, SULFUR AND MAGNESIUM.

Section VIII - Spill Or Leak Procedures

Steps to be Taken if Material is Released or Spilled:
ELIMINATE ALL SOURCES OF IGNITION. DIKE AND CONTAIN SPILL IF SAFE TO DO SO. USE ONLY NON-SPARKING EQUIPMENT. ABSORB WITH AN INERT MATERIAL AND TRANSFER INTO A PROPERLY LABELED CONTAINER FOR DISPOSAL. WEAR APPROPRIATE PROTECTIVE CLOTHING. PREVENT PRODUCT FROM CONTAMINATING SOIL OR FROM ENTERING SEWAGE AND DRAINAGE SYSTEMS AND BODIES OF WATER.

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

Neutralizing Agent:
NONE KNOWN.

Section IX - Special Protection Information

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

Respiratory Protection:
A NIOSH/MSHA APPROVED RESPIRATOR IN POORLY VENTILATED AREAS AND/OR FOR EXPOSURE ABOVE THE ACGIH TLV OR OSHA PEL OR WHERE MISTING EXISTS.

Glove Protection:
NEOPRENE RUBBER OR POLYVINYL ALCOHOL GLOVES SHOULD BE WORN.

Eye Protection:
SAFETY GLASSES WITH SIDE SHIELDS IF THE METHOD OF USE PRESENTS THE LIKELIHOOD OF EYE CONTACT.

Other Protection:
WEAR GENERAL DUTY WORK CLOTHING AND SHOES.

Section X - Storage and Handling Information

Storage Temperature	
Max: 100° F	Min: 32° F

Storage Conditions			
[√] Indoors	[ ] Outdoors	[ ] Heated	[ ] Refrigerated

Precautions to be Taken in Handling and Storing:
USE WITH CAUTION AROUND HEAT, SPARKS, PILOT LIGHTS, STATIC ELECTRICITY AND OPEN FLAME. DO NOT PRESSURIZE, CUT, WELD, SOLDER, DRILL, GRIND OR EXPOSE EMPTY CONTAINERS TO HEAT, HOT SURFACES, SPARKS OR OPEN FLAMES. ALWAYS STORE MATERIAL IN ITS ORIGINAL CONTAINER.

Other Precautions:
KEEP OUT OF REACH OF CHILDREN. READ THE ENTIRE LABEL BEFORE USING THE PRODUCT. FOLLOW THE LABEL DIRECTIONS. KEEP THE CONTAINER TIGHTLY CLOSED WHEN NOT IN USE.

Section XI - Regulatory Information

Chemical Name	CAS Number	Upper % Limit
1,1,1-TRICHLOROETHANE	71-55-6	30

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.

Section XII - References

1. THRESHOLD LIMIT VALUES FOR CHEMICAL SUBSTANCES AND PHYSICAL AGENTS AND BIOLOGICAL INDICES, ACGIH, 1994-1995.
2. OSHA PEL.
3. SAX'S DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS, EIGHTH EDITION, RICHARD J. LEWIS SR.
4. VENDOR'S MSDS.
5. REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES, MICROMEDEX, 1994.

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