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DATE OF ISSUE
3/18/2002SUPERSEDES
12/18/2001

SECTION I - GENERAL INFORMATION

Chemical Name & Synonyms
N/ATrade Name & Synonyms
PREMALUBE (CART)Local Family:
ALUMINUM COMPLEX/ HYDROCARBON BLEND

Formula Mixture --> X

Manufacturer's Name:
CERTIFIED LABS, DIV. OF NCH CORP.Address:
BOX 152170
IRVING, TEXAS 75015Prepared By:
M COHEN/ChemistProduct Code Number
4464Emergency 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 # |
|---|----------|-------------|-------------|-------------|------------|
| SEVERELY HYDROTREATED HEAVY NAPHTHENIC PETROLEUM DISTILLATE | IRRITANT | 5MG/M3\$ 1. | 5MG/M3\$ 2. | 10MG/M3 \$1 | 64742-52-5 |
| ALUMINUM BENZOATE C16-18 FATTY ACID COMPLEX | IRRITANT | N/E 1 | N/E 2 | N/E | 82980-54-9 |
| MINERAL OIL | IRRITANT | 5 MG/M3\$ 1 | 5 MG/M3\$ 2 | 10MG/M3\$ 1 | 8042-47-5 |
| \$ OIL MIST VALUE | | | | | |

SECTION III - PHYSICAL DATA

| | | | |
|-------------------------|-------------|------------------------------|---------|
| Boiling Point (F): | >450° | Specific Gravity (H2O=1): | 0.931 |
| Vapor Pressure (MM HG): | < 0.1 | Color: | BLACK |
| Vapor Density (Air=1): | > 5 | Odor: | OILY |
| PH @ 100% : | N/A | Clarity: | OPAQUE |
| % Volatile by Volume: | NIL | Evaporation Rate (BU A/C=1): | < 0.1 |
| Solubility: | NEGLECTIBLE | Viscosity: | VISCOUS |

SECTION IV - FIRE AND EXPLOSION HAZARD

| | | | |
|--------------------------------|---|------------|------------|
| Flash Point 450 F. / C.O.C. | Flammable Limits NAPHTHENIC DISTILLATE | LEL 1.0 | UEL 7.0 |
|--------------------------------|---|------------|------------|

Extinguishing Media
 --Foam --Alcohol Foam --CO2 --Dry Chemical --Water Spray --Other

Special Fire Fighting Procedures:
 FIREFIGHTERS SHOULD WEAR A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR. EXTINGUISHING MEDIA SHOULD BE CHOSEN BASED ON THE NATURE OF THE SURROUNDING FIRE.

Unusual Fire and Explosion Hazards:
 USE CARE AS SPILLS MAY BE SLIPPERY. THE USE OF WATER AS AN EXTINGUISHING MEDIUM MAY CAUSE FROTHING AND FOAMING SPATTERING MAY OCCUR.

Aerosol Level (NFPA 30B): N/A

NFPA 704 Hazard Rating (0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme)
 1 --Health 1 --Flammability 0 --Instability --Special

SECTION V - HEALTH HAZARD DATA

Threshold Limit Value:
5 MG/M3 AS OIL MIST 1.

Effects of Overexposure:

-Acute (Short Term Exposure)

SKIN CONTACT: MAY CAUSE IRRITATION SEEN AS ITCHING, REDNESS, DRYNESS AND CRACKING OF THE SKIN.

EYE CONTACT: MAY CAUSE IRRITATION SEEN AS TEARING AND REDNESS.

INHALATION: OIL MIST MAY CAUSE RESPIRATORY IRRITATION SEEN AS COUGHING AND SNEEZING.

INGESTION: MAY CAUSE IRRITATION WITH POSSIBLE NAUSEA, VOMITING AND DIARRHEA.

-Chronic (Long Term Exposure)

NO HUMAN CHRONIC EFFECTS KNOWN.

ON RARE OCCASIONS, PROLONGED AND REPEATED EXPOSURE TO OIL MIST POSES A RISK OF CHRONIC LUNG INFLAMMATION. THIS CONDITION IS USUALLY ASYMPTOMATIC AS A RESULT OF REPEATED SMALL ASPIRATIONS. SHORTNESS OF BREATH AND COUGHING ARE THE MOST COMMON SYMPTOMS. ASPIRATION MAY LEAD TO PULMONARY EDEMA AND HEMORRHAGE AND MAY BE FATAL. SIGNS OF LUNG INVOLVEMENT INCLUDE INCREASED RESPIRATION AND HEART RATES AS WELL AS A BLuish DISCOLORATION OF THE SKIN. CHRONIC SKIN CONTACT MAY PROMOTE DERMATITIS AND OIL ACNE. IN RARER CASES, AN INCREASED SENSITIVITY TO SUNLIGHT (PHOTOSENSITIVITY) MAY OCCUR.

TARGET ORGANS: NONE KNOWN. THERE IS NO PRIMARY ROUTE OF ENTRY INTO THE BODY. THE PRIMARY ROUTES OF EXPOSURE ARE SKIN AND EYE CONTACT. MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE ARE PRE-EXISTING SKIN AND RESPIRATORY CONDITIONS SUCH AS ASTHMA, EMPHYSEMA AND DERMATITIS.

Primary Routes of Entry: --Inhalation --Ingestion --Absorption

SECTION V - HEALTH HAZARD DATA (Continued)

Emergency and First Aid Procedures:

-Inhalation:
NOT A HAZARD. 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 SOAP AND WATER FOR SEVERAL MINUTES. 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. SEEK MEDICAL ATTENTION IF DISCOMFORT OCCURS.

-Notes to Physician:
THERE IS NO SPECIFIC ANTIDOTE. TREAT THE PATIENT SYMPTOMATICALLY.

SECTION VI - TOXICITY INFORMATION

Product Contains Chemicals Listed as Carcinogen or Potential Carcinogen By:

IARC--> No NTP--> No OSHA--> No ACGIH--> No OTHER--> No

SEVERELY HYDROTREATED HEAVY NAPHTHENIC PETROLEUM DISTILLATE

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

SKN-RBT LD50: > 5 G/KG 3.

SKN-RBT SDT: 500 MG SEVERE 3.

ALUMINUM BENZOATE C16-C18 FATTY ACID COMPLEX

NO TOXICITY DATA AVAILABLE

MINERAL OIL

ORL-RAT TDLo: 92 GM/KG/92D-C 3.

ORL-RAT LD50: > 5000 MG/KG 4.

SKN-RBT LD50: > 2000 MG/KG 4.

EYE-RBT SDT: NON-IRRITATING 4.

SKN-RBT SDT: NON-IRRITATING 4.

BUEHLER GUINEA PIG SENSITIZATION TEST: NON-SENSITIZING 4.

SKN-RBT SUB-CHRONIC: 28-DAY NON-IRRITATING 4.

SKN-MSE CHRONIC: 104-WEEK NO SKIN TUMORS AT SITE OF APPLICATION 4.

MODIFIED AMES ASSAY (SALMONELLA TYPHIMURIUM): NEGATIVE 4.

IN-VITRO MSE LYMPHOMA ASSAY NEGATIVE TO NO TOXICITY 4.

LIFETIME MOUSE SKIN PAINTING STUDIES INDICATED THAT THIS PRODUCT IS NOT

MUTAGENIC OR CARCINOGENIC. 4.

HIGHLY REFINED PETROLEUM LUBRICANT OILS: MINERAL OIL MISTS DERIVED FROM HIGHLY REFINED OILS ARE REPORTED TO HAVE LOW ACUTE AND SUB-ACUTE TOXICITIES IN ANIMALS. EFFECTS FROM SINGLE SHORT-TERM REPEATED EXPOSURES TO HIGH CONCENTRATIONS OF MINERAL OIL MISTS WELL ABOVE APPLICABLE WORKPLACE EXPOSURE LEVELS INCLUDE LUNG INFLAMMATORY REACTION, LIPOID GRANULOMA FORMATION AND LIPOID PNEUMONIA. IN ACUTE AND SUB-ACUTE STUDIES INVOLVING EXPOSURES TO LOWER CONCENTRATIONS OF MINERAL OIL MISTS AT OR NEAR CURRENT WORK PLACE EXPOSURE LEVELS PRODUCED NO SIGNIFICANT TOXICOLOGICAL EFFECTS. IN LONG TERM STUDIES (UP TO TWO YEARS) NO CARCINOGENIC EFFECTS HAVE BEEN REPORTED IN ANY ANIMAL SPECIES TESTED. 4.

SECTION VII - REACTIVITY DATA

Stability: X <--Stable <--Unstable

Conditions to Avoid:

NONE KNOWN

Incompatibility (Materials to Avoid):

STRONG OXIDIZING AGENTS SUCH AS CHLORINE BLEACH AND CONCENTRATED HYDROGEN PEROXIDE; REDUCING AGENTS SUCH AS SODIUM THIOSULFATE, ACIDS AND BASES.

Hazardous Decomposition Products:

OXIDES OF CARBON AND SULFUR; ALDEHYDES AND SILICA.

Hazardous Polymerization:

<--May Occur X <--Will Not Occur

Conditions to Avoid:

N/A

SECTION VIII - SPILL OR LEAK PROCEDURES

Steps to be Taken if Material is Released or Spilled:

WEAR APPROPRIATE PROTECTIVE CLOTHING AND USE CARE AS SPILLS MAY BE SLIPPERY. FOR LARGE SPILLS, SCOOP INTO A PROPERLY LABELED CONTAINER FOR DISPOSAL. FOR SMALL SPILLS, WIPE WITH A CLOTH AND TRANSFER ALL MATERIALS INTO A PROPERLY LABELED CONTAINER FOR DISPOSAL.

Waste Disposal Method(s):

DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL POLLUTION REGULATIONS.

Neutralizing Agent:

N/A

SECTION IX - SPECIAL PROTECTION INFORMATION

Required Ventilation:

GENERAL VENTILATION IS NORMALLY ADEQUATE.

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:

SECTION IX - SPECIAL PROTECTION INFORMATION (Continued)

SAFETY GLASSES IF THE METHOD OF USE PRESENTS THE LIKELIHOOD OF EYE CONTACT.

Other Protection:

WEAR PROTECTIVE CLOTHING WHEN HANDLING.

SECTION X - STORAGE AND HANDLING INFORMATION

Storage Temperature: Indoors--> X Outdoors--> X Heated--> X Refrigerated--> X
 Minimum Temperature: 0°F. Maximum Temperature: 120°F.

Precautions to be Taken in Handling and Storing:

ALWAYS STORE MATERIAL IN ITS ORIGINAL CONTAINER. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE TO PREVENT POSSIBLE CONTAMINATION.

Other Precautions:

KEEP OUT OF REACH OF CHILDREN. READ THE ENTIRE LABEL BEFORE USING THE PRODUCT. FOLLOW THE LABEL DIRECTIONS. IF STORED OUTSIDE, STORE CONTAINERS ON THEIR SIDES TO HELP PREVENT WATER ACCUMULATION ON AN END AND CONSEQUENT PRODUCT CONTAMINATION.

SECTION XI - REGULATORY INFORMATION

| <u>Chemical Name</u> | <u>CAS Number</u> | <u>Upper % Limit</u> |
|----------------------|-------------------|----------------------|
| None | | |

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 EXPOSURE INDICES, ACGIH, 2001.
 2. OSHA PEL.
 3. REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES, CCINFODisc, 2001.
 4. VENDORS MSDS
- 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: PENSKEY-MARTIN CLOSED CUP, TCC: TAGLABUE
 CLOSED CUP, LEL: LOWER EXPLOSION LIMIT, UEL: UPPER EXPLOSION LIMIT,
 NFPA: NATIONAL FIRE PROTECTION ASSOCIATION, IARC: INTERNATIONAL AGENCY FOR
 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: ASPHYXIANT, PNOS: PARTICULATES NOT OTHERWISE SPECIFIED, SDT: STANDARD DRAIZE TEST, ORL: ORAL, HMN: HUMAN, IHL: INHALATION

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 THESE DATA OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF.

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