MATERIAL SAFETY DATA SHEET: PREMALUBE XTREME #2 (120#)

Section I - General Information

(000000-000000- - 412J)

Date of Issue:
5/18/2005 12:00:00 AM

Supercedes:
3/6/2002 12:00:00 AM

Chemical Name & Synonyms:
N/A

Trade Name & Synonyms:
PREMALUBE XTREME #2 (120#)

Chemical Family:
CALCIUM SULFONATE/HYDROCARBON BLEND

Formula is a mixture: [√]

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

Manufacturer Address:
BOX 152170
IRVING, TEXAS 75015

Prepared By:
M McDowell/Chemist

Product Code Number:
412J

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	C
HEXYLENE GLYCOL	IRRITANT	N/E 1	N/E 2	25 PPM $1	1
CALCIUM PHOSPHATE	IRRITANT	N/E 1	N/E 2	N/E	7
CALCIUM ACETATE CARBONATE HYDROGENATED CASTROL FATTY ACID	IRRITANT	N/E 1	N/E 2	N/E	6 0
CALCIUM STEARATE SOAP	IRRITANT	N/E 1	N/E 2	N/E	6 1
HYDROTREATED HEAVY PARAFFINIC PETROLEUM DISTILLATES	IRRITANT	5 MG M3 #1	5 MG/M3 #2	10 MG/MG#1	6 4
POLY ALPHA OLEFIN	IRRITANT	5 MG/M3 #1	5 MG/M3 #2	10 MG/M3#1	6 7
MOLYBDENUM DISULFIDE	IRRITANT	3 MG/M3 *1	15 MG/M3*2	N/E	1

$ CEILING LIMIT
# OIL MIST VALUES
* MOLYBDENUM INSOLUBLE COMPOUNDS

Section III - Physical Data

Boiling Point (°F): 605°

Vapor Pressure (mm Hg): <0.01

Vapor Density (Air=1): >5

pH @ 100% : N/A

% Volatile by Volume: 0.1

H_20 Solubility: NEGLIGIBLE

Specific Gravity (H_20=1): 1.01

Color: BLACK

Odor: OILY

Clarity: OPAQUE

Evaporation Rate (BuAc=1): <1

Viscosity: SEMI-SOL

Section IV - Fire and Explosion Hazard

Flash Point: 490°F
Method Used: C.O.C.
Flammable Limits: PETROLEUM OIL
UEL: N/E
LEL: N/E
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: 1
Instability: 0
Special:

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. COOL FIRE-EXPOSED CONTAINERS WITH WATER SPRAY TO PREVENT BURSTING.

Unusual Fire and Explosion Hazards:
THE USE OF WATER SPRAY (F0G) WHILE EFFECTIVE, MAY CAUSE FROTHING AND FOAMING. NEVER USE A WATE AS THIS WILL JUST SPREAD THE FIRE. USE CARE AS SPILLS MAY BE SLIPPERY.

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: CAUSES SEVERE IRRITATION SEEN AS TEARING, SWELLING, REDNESS, AND EXCESSIVE BLINKIN CAUSES CORNEAL DAMAGE. SKIN CONTACT: MAY CAUSE IRRITATION SEEN AS ITCHING, REDNESS, AND SWELL MAY CAUSE ALLERGIC SKIN REACTION SEEN AS DELAYED SKIN RASH WHICH MAY BE FOLLOWED BY BLISTERIN SCALING, AND OTHER SKIN EFFECTS. PROLONGED OR REPEATED CONTACT AS FROM CLOTHING WET WITH MATERIAL MAY CAUSE DRYING, DEFATTING, AND CRACKING OF THE SKIN. INHALATION: MIST MAY CAUSE RESPIRATORY IRRITATION SEEN AS COUGHING, SNEEZING, CHEST PAIN, AND NASAL DISCHARGE. INGESTION: M CAUSE IRRITATION WITH POSSIBLE NAUSEA, VOMITING, AND DIARRHEA. MAY CAUSE IRRITATION TO THE MOUT THROAT, AND ESOPHAGUS WITH DIZZINESS, DROWSINESS, AND A LOSS OF CONSCIOUSNESS.

Chronic: (Long Term Exposure)
MAY CAUSE SKIN SENSITIZATION IN SOME INDIVIDUALS. 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 AR MOST COMMON SYMPTOMS. ASPIRATION MAY LEAD TO PULMONARY EDEMA AND HEMORRHAGE AND MAY BE F 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 C AN INCREASED SENSTIVITY TO SUNLIGHT (PHOTOSENSITIVITY) MAY OCCUR. MEDICAL CONDITIONS AGGRAVAT EXPOSURE ARE PRE-EXISTING RESPIRATORY AND SKIN CONDITIONS SUCH AS ASTHMA, EMPHYSEMA, AND DERMATITIS. TARGET ORGANS: BLOOD-FORMING ORGANS AND CENTRAL NERVOUS SYSTEM. THE PRIMARY RO 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 C BREATHING BECOMES DIFFICULT.

Eye Contact:
IMMEDIATELY RINSE THE EYES WITH WATER. REMOVE ANY CONTACT LENSES AND CONTINUE FLUSHING FOR A LEAST 15 MINUTES. HOLD THE EYELIDS APART TO ENSURE RINSING OF THE ENTIRE SURFACE OF THE EYES AN

WITH WATER. GET IMMEDIATE MEDICAL ATTENTION.

Skin Contact:
WIPE AWAY MATERIAL WITH A CLOTH WHILE REMOVING CONTAMINATED CLOTHING AND SHOES. WASH WITH S
AND WATER. SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS. CLEAN CLOTHING AND SHOES.

Ingestion:
GIVE 3 TO 4 GLASSES OF WATER, BUT DO NOT INDUCE VOMITING. IF VOMITING OCCURS, GIVE FLUIDS AGAIN. S
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	[ ] NTP	[ ] OSHA	[ ] ACGIH	[ ] Other

VOC CONTENT: 0% BY WEIGHT, 0% BY VOLUME, 0 G/L

HEXYLENE GLYCOL
ORL-RAT LD50: 3700 MG/KG 4.
ORL-RAT LDL0: 33600 MG/KG/28D-I CHANGES IN LIVER, BLADDER, KIDNEY 4.
IHL-RAT LC50: NO DEATHS: 66 PPM/8H 3.
SKN-RBT LD50: 8560 UL/KG 4.
SKN-RBT SDT: 465 MG/24H 4.
EYE-RBT SDT: 93 MG/24H SEVERE 4.

IN A REPEATED PATCH TEST STUDY OF ECZEMA PATIENTS, HEXYLENE GLYCOL ELICITED EDEMA AND ERYTHEM
2.8% OF THE SUBJECTS TESTED (CONTACT DERMATITIS 21:154, 1989) 3.

HEXYLENE GLYCOL HAS PRODUCED EVIDENCE OF SLIGHT FETAL TOXICITY AT A MATERNALLY TOXIC DOSE (10
MG/KG/DAY) 3.

CALCIUM PHOSPHATE (SIMILAR COMPOUND)
ORL-RAT LD50: 3986 MG/KG 3.
SKN-RBT LD50: >2 G/KG 3.

CALCIUM ACETATE CARBONATE HYDROGENATED CASTROL FATTY ACID
NO TOXICOLOGICAL DATA AVAILABLE

CALCIUM STEARATE SOAP
NO TOXICITY DATA AVAILABLE

HYDROTREATED HEAVY PARAFFINIC PETROLEUM DISTILLATES
ORL-RAT LD50: > 2 G/KG 4.
SKN-RBT LD50: > 2 G/KG 4.
IHL-RAT LC50: > 5 MG/L 4.
EYE-RBT DRAIZE SCORE BETWEEN 6 AND 15, PRACTICALLY NON-IRRITATING 4.
SKN-RBT DRAIZE SCORE BETWEEN .5 AND 3, PRACTICALLY NON-IRRITATING 4.

MINERAL OIL MISTS DERIVED FROM HIGHLY REFINED OILS ARE REPORTED TO HAVE LOW ACUTE AND SUB-ACU
TOXICITIES IN ANIMALS. EFFECTS FROM SINGLE AND SHORT-TERM REPEATED EXPOSURES TO HIGH
CONCENTRATIONS WELL ABOVE APPLICABLE WORKPLACE EXPOSURE LEVELS INCLUDE LUNG INFLAMMATORY
REACTION, LIPOID GRANULOMA FORMATION, AND LIPOID PNEUMONIA. IN ACUTE AND SUB-ACUTE STUDIES INV
EXPOSURES TO LOWER CONCENTRATIONS AT OR NEAR CURRENT WORK PLACE EXPOSURE LEVELS PRODUCE
SIGNIFICANT TOXICOLOGICAL EFFECTS. IN LONG TERM STUDIES (UP TO TWO YEARS) NO CARCINOGENIC EFFE
HAVE BEEN REPORTED IN ANY ANIMAL SPECIES TESTED. THESE PETROLEUM DISTILLATES ARE SEVERELY
HYDROTREATED, SEVERELY SOLVENT EXTRACTED, AND/OR PROCESSED BY MILD HYDROTREATMENT AND
EXTRACTION. FOR THIS REASON, THEY ARE NOT CLASSIFIED AS CANCER HAZARDS. 4.

POLY ALPHA OLEFIN
EYE-RBT SDT: 0.7/24 HOURS 4.
SKN-RBT PRIMARY IRRITATION INDEX: 0.2/4 HOURS 4.

MOLYBDENUM DISULFIDE
ORL-RAT LD50: >2 GM/KG 3.
IHL-RAT LC50: >2820 MG/M3/4H 3.
SKN-RAT LD50: >2 GM/KG 3.

Section VII - Reactivity Data

Stability

[√] Stable [ ] Unstable

Conditions to Avoid:
NONE KNOWN.

Hazardous Polymerization

[√] Will not occur [ ] May occur

Conditions to Avoid:
N/A

Incompatibility (Materials to Avoid):
STRONG OXIDIZING AGENTS SUCH AS CHLORINE BLEACH AND CONCENTRATED HYDROGEN PEROXIDE; ACIDS, FORMS AN EXPLOSIVE MIXTURE WITH POTASSIUM NITRATE.

Hazardous Decomposition Products:
OXIDES OF CARBON, NITROGEN, AND SULFUR.

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 REGULATIONS.

Neutralizing Agent:
N/A

Section IX - Special Protection Information

Required Ventilation:
GENERAL VENTILATION IS NORMALLY ADEQUATE. LOCAL VENTILATION IS RECOMMENDED TO CONTROL EXPOS FROM OPERATIONS THAT CAN GENERATE EXCESSIVE LEVELS OF MISTS. LOCAL VENTILATION IS PREFERRED, BECAUSE IT PREVENTS DISPERSION INTO WORK AREAS BY CONTROLLING IT AT ITS SOURCE.

Respiratory Protection:
NONE REQUIRED UNDER NORMAL CONDITIONS OF USE. RESPIRATORS SHOULD BE SELECTED BY AND USED UN THE DIRECTION OF A TRAINED HEALTH AND SAFETY PROFESSIONAL FOLLOWING REQUIREMENTS FOUND IN OS RESPIRATOR STANDARD (29 CFR 1910.134) AND ANSI'S STANDARD FOR RESPIRATORY PROTECTION (Z88.2-1992 CONCENTRATIONS ABOVE THE TLV AND/OR PEL BUT LESS THAN 10 TIMES THESE LIMITS, A NIOSH APPROVED H FACEPIECE RESPIRATOR EQUIPPED WITH APPROPRIATE CHEMICAL CARTRIDGES MAY BE USED. FOR CONCENTRATIONS GREATER THAN 10 TIMES THE TLV AND/OR PEL, CONSULT THE NIOSH RESPIRATOR DECISIO LOGIC FOUND IN PUBLICATION NO. 87-116 OR ANSI Z88.2-1992.

Glove Protection:
NEOPRENE OR NITRILE RUBBER GLOVES SHOULD BE WORN. ENSURE COMPLIANCE WITH OSHA'S PERSONAL PROTECTIVE EQUIPMENT (PPE) STANDARD FOR HAND PROTECTION, 29 CFR 1910.138.

Eye Protection:
CHEMICAL GOGGLES SHOULD BE WORN. ENSURE COMPLIANCE WITH OSHA'S PERSONAL PROTECTIVE EQUIPMI (PPE) STANDARD FOR EYE AND FACE PROTECTION, 29 CFR 1910.133.

Other Protection:
WEAR PROTECTIVE CLOTHING WHEN HANDLING. REMOVE OIL SOAKED CLOTHING AND SHOES. WASH CLOTHIN CLEAN SHOES BEFORE REUSE. A SAFETY SHOWER AND AN EYEWASH STATION SHOULD BE AVAILABLE.

Section X - Storage and Handling Information

Storage Temperature
Max: 120°F Min: 0°F

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

Precautions to be Taken in Handling and Storing:
ALWAYS STORE MATERIAL IN ITS ORIGINAL CONTAINER. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE EMPTY CONTAINERS MAY CONTAIN PRODUCT RESIDUES WHICH MAY EXHIBIT THE HAZARDS OF THE PRODUCT. AVOID POSSIBLE EXPLOSION DO NOT PRESSURIZE, CUT, WELD, SOLDER, DRILL, GRIND, OR EXPOSE EMPTY CONTAINERS TO HEAT, HOT SURFACES, SPARKS, OR OPEN FLAMES. BULK STORAGE: FOR MAXIMUM PRODUCT STORE INDOORS. OUTDOOR STORAGE TIP: STORE CONTAINERS ON THEIR SIDE TO HELP PREVENT WATER ACCUMULATION ON A FLAT END AND CONSEQUENT PRODUCT CONTAMINATION. CARTRIDGE STORAGE: FOR MAXIMUM PRODUCT LIFE, STORE INDOORS OR IN A COOL, DRY AREA. ALWAYS STORE IN AN UPRIGHT POSITION PREVENT OILS FROM LEAKING OUT OF THE CARTRIDGE.

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

Section XI - Regulatory Information

Chemical Name	CAS Number	Upper % Limit
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 of California.

Section XII - References

1. THRESHOLD LIMIT VALUES FOR CHEMICAL SUBSTANCES AND PHYSICAL AGENTS AND BIOLOGICAL EXPOSUR INDICES, ACGIH, 2005. 2. OSHA PEL. 3. REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES, CCINFOWeb, 2 VENDOR'S MSDS. ALL THE COMPONENTS OF THIS PRODUCT ARE IN COMPLIANCE WITH THE TOXIC SUBSTANCE CONTROL ACT (TSCA) AND ARE EITHER LISTED ON THE TSCA INVENTORY OR OTHERWISE EXEMPTED FROM LIS IRR:IRRITANT, FLAM/FLAMM:FLAMMABLE, COMB:COMBUSTIBLE, CORR:CORROSIVE CARC:CARCINOGENIC, TOX:T 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 FIR PROTECTION ASSOCIATION, IARC:INTERNATIONAL AGENCY FOR THE RESEARCH ON CANCER, NTP:NATIONAL TOXICOLOGY PROGRAM, OSHA:OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION, ACGIH:AMERICAN CONFER OF GOVERNMENTAL INDUSTRIAL HYGIENISTS, TLV:THRESHOLD LIMIT VALUE, PEL:PERMISSIBLE EXPOSURE LIMI STEL:SHORT-TERM EXPOSURE LIMIT, MLD:MILD, MOD:MODERATE, SEV:SEVERE, MUT:MUTAGENIC, ASPHYX:ASPHYXIANT, PNOS:PARTICLES (INSOLUBLE) NOT OTHERWISE SPECIFIED, SDT:STANDARD DRAIZE TES ORL:ORAL, IHL:INHALATION, HMN:HUMAN

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 DAT THE RESULTS TO BE OBTAINED FROM THE USE THEREOF.

CERTIFIED LABS, DIV. OF NCH CORP. assumes no responsibility for personal injury or property damage caused by the use storage, or disposal of the product in a manner not recommended on the product label. Users assume all risks associated wit unrecommended use, storage, or disposal of the product.

©2007 NCH Corporation All rights reserved.