

CUSTOMER: B0155626

ORDER #: 0321@Y

BATCH #: 012830008

STICKER #: 012830241

ZONE #: AER2

BARCODE #: 9611019075339516818293

PRODUCT NAME: MAXI-LUBE RED AERO (HV)

MATERIAL SAFETY DATA SHEET: MAXI-LUBE RED AERO (HV)

Page: 1

(00-000000- -5218)

DATE OF ISSUE
1/19/2001SUPERSEDES
9/01/1998

SECTION I - GENERAL INFORMATION

Chemical Name & Synonyms

N/A

Trade Name & Synonyms

MAXI-LUBE RED AERO (HV)

Chemical Family:

PETROLEUM MIXTURE

Formula Mixture --> X

Manufacturer's Name:

CHEMSEARCH DIV. OF NCH CORP.

Address:

BOX 152170

IRVING,

TX 75015

Prepared By:

L Boynton/Chemist

Product Code Number

5218

Emergency Phone Number

800-424-9300

SECTION II - HAZARDOUS INGREDIENTS

THE HAZARDS PRESENTED BELOW ARE THOSE OF THE INDIVIDUAL COMPONENTS

Chemical Name (Ingredients)

PROPANE
SEVERELY HYDROTREATED HEAVY NAPHTHENIC PETROLEUM DISTILLATE
ANTIMONY DIALKYLDIITHOCARBAMATE
HEXANE
OXOALUMINUM STEARATE/BENZOATE
MINERAL OIL
\$ = OIL MIST

Hazard

TLV

PEL

STEL

CAS

FLAM/ASPHY	1000 PPM 1	1000 PPM 2	NOT EST.	74-98-6
IRRITANT	5 MG/M3\$ 1	5 MG/M3\$ 2	NOT EST.	64742-52-5
IRRITANT	0.5MG/M3 1	0.5MG/M3 2	NOT EST.	7440-36-0
FLAM/IRR	50 PPM 1	50 PPM 2	NOT EST.	110-54-3
IRRITANT	NOT EST. 1	NOT EST. 2	NOT EST.	151911-66-9
IRRITANT	5 MG/M3\$ 1	5 MG/M3\$ 2	NOT EST.	8042-47-5

SECTION III - PHYSICAL DATA

Point (F): 154

Specific Gravity (H2O=1): 0.785

Vapor Pressure (MM HG): 140

Color: RED

Vapor Density (Air=1): 3

Odor: HEXANE

PH @ 100%: N/A

Clarity: OPAQUE

% Volatile by Volume: 58

Evaporation Rate (BU A/C=1): 8.1

H2O Solubility: NEGLIGIBLE

Viscosity: VISCOUS

SECTION IV - FIRE AND EXPLOSION HAZARD

Flash Point
<73°F / SETAFASHFlammable Limits
HEXANELEL
1.1UEL
7.5

Extinguishing Media

X --Foam X --Alcohol Foam X --CO2 X --Dry Chemical X --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:

DUE TO A FLAME EXTENSION OF >30 INCHES AND A BURNBACK OF 3 INCHES, THIS PRODUCT IS CONSIDERED EXTREMELY FLAMMABLE. VAPORS ARE HEAVIER THAN AIR AND DUE TO A FLAME EXTENSION OF >30 INCHES AND A BURNBACK OF 3 INCHES, THIS PRODUCT IS CONSIDERED EXTREMELY FLAMMABLE. 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. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS TO PREVENT BURSTING.

Aerosol Level (NFPA 30B): 3

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

SECTION V - HEALTH HAZARD DATA

Threshold Limit Value:

NOT ESTABLISHED FOR MIXTURE. SEE SECTION II.

Effects of Overexposure:

-Acute (Short Term Exposure)

ION: MAY CAUSE IRRITATION WITH POSSIBLE NAUSEA, VOMITING AND DIARRHEA. INGESTION AND SUBSEQUENT VOMITING OF THIS PRODUCT CAN LEAD TO ASPIRATION PRODUCT INTO THE LUNGS WHICH CAN CAUSE DAMAGE AND MAY BE FATAL.

ATION: MAY CAUSE RESPIRATORY IRRITATION SEEN AS COUGHING AND SNEEZING ALONG WITH HEADACHE, DIZZINESS, DROWSINESS, WEAKNESS, FATIGUE, UNCONSCIOUSNESS, DISORIENTATION, EXCITATION, NAUSEA, VOMITING, PULMONARY IRRITATION, CARDIAC ARRHYTHMIA AND ANESTHESIA. PRODUCT VAPORS DISPLACE AIR AND CAN CAUSE ASPHYXIATION, ESPECIALLY IN CONFINED SPACES

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

SKIN CONTACT: MAY CAUSE IRRITATION SEEN AS ITCHING AND REDNESS. PROLONGED CONTACT MAY CAUSE A BURNING SENSATION, CRACKING OR DRYNESS OF THE SKIN.

-Chronic (Long Term Exposure)

ON RARE OCCASIONS, PROLONGED AND REPEATED EXPOSURE TO OIL MIST POSES A RISK OF CHRONIC LUNG INFLAMMATION. THIS CONDITION IS USUALLY ASYMPTOMATIC AS A

SECTION V - HEALTH HAZARD DATA (Continued)

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. MAY CAUSE PERIPHERAL NERVE NUMBNESS. MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE ARE PRE-EXISTING RESPIRATORY AND SKIN CONDITIONS SUCH AS ASTHMA, EMPHYSEMA, AND DERMATITIS AND PRE-EXISTING LIVER AND KIDNEY DISEASES. TARGET ORGANS: CENTRAL AND PERIPHERAL NERVOUS SYSTEM, LIVER, LUNGS, KIDNEYS AND TESTES.

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

Emergency and 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:

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. GET IMMEDIATE MEDICAL ATTENTION. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS OR CONVULSING PERSON.

-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.

SECTION VI - TOXICITY INFORMATION

Product Contains Chemicals Listed as Carcinogen or Potential Carcinogen By:

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

PROPANE

NO TOXICITY DATA AVAILABLE

SEVERELY HYDROTREATED HEAVY NAPHTHENIC PETROLEUM DISTILLATE

ORL-RAT LD50: > 5000 MG/KG 3.
SKN-RBT LD50: > 2000 MG/KG 3.
SKN-RBT: DRAIZE NON-IRRITATING 3.
EYE-RBT: DRAIZE NON-IRRITATING 3.

ANTIMONY DIALKYLDIITHIOCARBAMATE

ORL-RAT LD50: 16,400 MG/KG 3.
SKN-RBT LD50: 16,000 MG/KG 3.
IHL-RAT TCLo: 50 MG/M3/7H/52W-I 4.

HEXANE

ORL-RAT LD50: 23710 MG/KG 4.
IHL-HMN TCLo: 190 PPM/8W 4.
EYE-RBT 10 MG MILD 4.

THIS MATERIAL HAS CAUSED HARM TO THE FETUS IN LABORATORY ANIMAL STUDIES. HARM TO THE FETUS OCCURS ONLY AT EXPOSURE LEVELS THAT HARM THE PREGNANT ANIMAL. 4.

OXOALUMINUM STEARATE/BENZOATE

NO TOXICITY DATA AVAILABLE

MINERAL OIL

ORL-RAT TDLo: 92 GM/KG/92D-C 4.

SECTION VII - REACTIVITY DATA

Stability: X <--Stable <--Unstable

Conditions to Avoid:

AVOID HEAT, HOT SURFACES, SPARKS AND OPEN FLAMES.

Incompatibility (Materials to Avoid):

STRONG OXIDIZING AGENTS SUCH AS CHLORINE BLEACH AND CONCENTRATED HYDROGEN PEROXIDE; ACIDS AND ALKALIS.

Hazardous Decomposition Products:

OXIDES OF ANTIMONY, CARBON, NITROGEN AND SULFUR; VARIOUS OTHER HYDROCARBONS.

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:

DUE TO THE NATURE OF THE PACKAGING, A LARGE SPILL IS UNLIKELY. PICK UP SPILLED MATERIAL WITH A CLOTH OR SUITABLE ABSORBANT AND DISPOSE OF PROPERLY.

Waste Disposal Method(s):

DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS. TYPICAL DISPOSAL IS TO WRAP THE EMPTY AEROSOL CONTAINER IN SEVERAL LAYERS OF NEWSPAPER AND DISPOSE OF IN THE TRASH. AEROSOL RECYCLING PROGRAMS ARE AVAILABLE IN MANY AREAS. DO NOT PUNCTURE OR INCINERATE THIS CONTAINER.

Neutralizing Agent:

N/A

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 OR NITRILE RUBBER GLOVES IF REPEATED OR PROLONGED SKIN CONTACT IS LIKELY.

SECTION IX - SPECIAL PROTECTION INFORMATION (Continued)

Eye Protection:

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

Other Protection:

WEAR GENERAL-DUTY WORK CLOTHES AND SHOES.

SECTION X - STORAGE AND HANDLING INFORMATION

Storage Temperature: Indoors--> X Outdoors--> Heated--> Refrigerated-->
Minimum Temperature: 35°F Maximum Temperature: 120°F

Precautions to be Taken in Handling and Storing:

USE WITH CAUTION AROUND HEAT, SPARKS, PILOT LIGHTS, STATIC ELECTRICITY AND OPEN FLAME.

Other Precautions:

KEEP OUT OF REACH OF CHILDREN. READ THE ENTIRE LABEL BEFORE USING THE PRODUCT. FOLLOW THE LABEL DIRECTIONS.

SECTION XI - REGULATORY INFORMATION

Chemical Name	CAS Number	Upper % Limit
HEXANE	110-54-3	35
ANTIMONY COMPOUNDS	N/A	5

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, 2000.
 2. OSHA PEL.
 3. VENDOR'S MSDS.
 4. REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES, CCINFODisc, 2000.
- 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: PENSLEY-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: ASPHYXANT, PNOC: PARTICULATES NOT OTHERWISE CLASSIFIED,
SDT: STANDARD DRAIZE TEST, ORL: ORAL, IHL: INHALATION, HMN: HUMAN

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