CUSTOMER: A0110072

ORDER #: 0262:

BATCH #: 070600012

STICKER #: 070600537

ZONE #:CSE1

F CODE #:1ZR8214V0300337983

DUCT NAME: DIESEL GUARD CLEAR (6X1 GAL)

MATERIAL SAFETY DATA SHEET: DIESEL GUARD CLEAR (6X1 GAL)

Section I - General Information

(000000-000000- - 380J) Date of Issue: 10/4/2006 12:00:00 AM Chemical Name & Synonyms: N/A N/A Chemical Family:

PETROLEUM DISTILLATE / NITRATE MIXTURE Manufacturer Name: CHEMSEARCH DIV. OF NCH CORP. Manufacturer Address:

BOX 152170 IRVING, TX 75015 Prepared By: E Levi/Chemist

Supercedes: 2/27/2001 12:00:00 AM Trade Name & Synonyms: DIESEL GUARD CLEAR (6X1 GAL)

Product Code Number:

Emergency Phone Number: 800-424-9300

Formula is a mixture: [1]

Section II - Hazardous Ingredients

THE HAZARDS PRESENTED BELOW ARE THOSE OF THE INDIVIDUAL COMPONENTS

Chemical Name (Ingredients) CAMBRICAL NAME (Ingredients)
STRAIGHT FUN HIDDE PETROLEUM DISTILLATES
2-RYMHIBEXVL NITRATE
HEAVY AROMAL OLI
1, 2,4-TRIMETHYLERNERNE
LIGHT AROMATIC PETROLEUM NAPHTHA
NAPHTHALBEN LIGHT ARUMATIC PETROLEUM MAPHTHA
NAPHTHALEUS
\$ STODDARD SOLVENT VALUE
\$ \$5 8008-20-6; 64742-44-2, 64742-45-9, 64742-86-2
IRR/COMB/CARC Hazard PEL STEL CAS # 100 PPMS1 1 PPM 1 100 PPMS1 5 MG/M3 1 25 PPM 1 100 PPMS1 10 PPM 1 500 PPM\$2 N/E 2 500 PPM\$2 5 MG/M3 2 N/E 2 500 PPM\$2 10 PPM 2 SS 27247-96-7 64742-94-5 8042-47-5 95-63-6 64742-95-6 91-20-3

Section III - Physical Data

Boiling Point ("F):320" Vapor Pressure (mm Bg):2.1 Vapor Pressure (mm Bg):2.1 Vapor Density (Air+1):5.9 pH #0 100% :N/A % Volatile by Volume:95 H₂0 Solubility:NEGLIGIBLE

Specific Gravity (820=1):0.91 Color: AMBRE Odor:SOLVENT/MUSTY Clarity:SLIGHTLY HAZY Evaporation Rate (BuAc=1):0.21 Viscosity:NON-VISCOUS

Flash Point: 149°F

Flammable Limits: PRODUCT MIXTURE

Section IV - Fire and Explosion Hazard Method Used: SETAFLASH

LEL: 0.7 Extinguishing Media:

[V] Foam [V] Dry Chemical [V] Alcohol Foam [V] Water Spray NFPA 704 Hazard Rating: ----

4-Extreme 3-High 2-Moderate 1-Slight 0-Insignificant Health: 2 Flammability: 2 Instability: 0 Special:

Aerosol Level (NFPA 30B): N/A

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 Harards:

VARORS ARE HEAVIER THAN AIR AND MAY TRAVEL TO DISTART AND/OR LOW-LYING SOURCES OF IGNITION AND FLASHBACK, PRODUCT MAY PRODUCE A FLOATING FIRE HAZARD AS LIQUID FLOATS ON MATER. THE USE OF MATER SPRAY (FOG) WHILE EFFECTIVE, MAY CAUSE FROTHING AND FOAMING, NEVER USE A WATER JET AS THIS WILL JUST SPREAD THE FIRE USE CARE AS SPILLS MAY HE SLIPPERY.

Section V - Health and Hazard Data

Threshold Limit Value: NOT ESTABLISHED FOR MIXTURE. SEE SECTION 11.

Effects of Overexposure:

Chronic: (Long Term Exposure)

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EXEMPTED FROM LISTING.

LDB_IRRITART, FLAMMFLAMMFLAMMBELE, TOX:TOXIC, IHL:INHALATION, COMB:COMBUSTIBLE, CORR:CORROSIVE, CARC:CARCINOGRNIC, N/A:NOT APPLICABLE, N/E:NOT RSTABLISHED,
TLEVELAND OPEN CUP, PMCC:PENSH-MARTIN CLOSED CUP, TCC:TAGLIABUE CLOSED CUP, LBC:LOWER EXPLOSION LIMIT, URL:UPPER EXPLOSION LIMIT, IND:HONAN,
INTERNATIONAL AGENCY FOR THE RESEARCH ON CANCER, NFFA:NATIONAL FIPE PROTECTION ASSOCIATION, ORL:ORAL, NTP:HAXIONAL TOXICOLOGO LIMIT, NOD:HONAND COCCUPATIONAL
THE HEAD ABBLICABLE AND ADDRESSED SET OF SEVERE, MULTI-MIRRIENT PROF. PARTICULATES NOT OTHERWISE CLASSIFIED,
FROM: PARTICULATES NOT OTHERWISE REQUIATED, INDS:PARTICLES (INSOLUBLE) NOT OTHERWISE SERVICE SERVICE AND THE RESULTS TO BE OBTAINED FROM THE USE THEREOF.

CHEMSEARCH 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

MATERIAL SAFETY DATA SHEET: DIESEL GUARD CLEAR (6X1 GAL)

MAY CAUSE SKIN SENSITIATION IN SOME INDIVIDUALS. UPON REPEATED OF PROLONGED CONTACT, THIS PRODUCT MAY BE ABSORBED IN TOXIC AMOUNTS CAUSING LIVER
ARROFMMALITIES WHICH MAY BE INDICATED BY LOSS OF APPETITE, JANNICE (VELLOWISH SKIN AND BYE COLOR), FATIGUE, BLEEDING OR RAST BRUISING, AND SOMETIMES PAIN AND
SMELLING IN THE UPPER RIGHT ABDOMEN, BLOOD ABNORMALITIES, KIDNEY, LUNG, SPLEENS AIR REGULAR HEART FYITMS, AND CARDICA RAPEST, INNESSITION MAY BE HADMYLU HITH
SYMPTOMS SIMILAR TO INTOXICATION, THE SEVERITY OF WHICH DEPENDS ON THE AMOUNT INVESTED. OVEREXPOSURE TO NAPHTHALBRE MAY CAUSE CATARACT FORMATION, CORNELA
ULCERATIONS, ABMORMALITIES, AND IMMOUNTS IN HUMANS DEPICIENT IN GLUCOSE-6-HOROIDED BEINDOGOBIAGE. LONG TERM INHIBATION OF TRIMITUTISHERENES HAY CAUSE BLOOD
SYSTEM REFECTS. CHRONIC INHIALATION OF SOLVENTS LIKE TRIMETHYLIBERIANSE HAVE CAUSED HEARTERAT IRREGULARITY, HEARTERAT INCREASE, KIDNEY AND LIVER SFERCTS, AND
PERMANENT CENTRAL AND PREPIDHEAL NEWFOUNDS SYSTEM BERSULTING IN DECREASED LEBERAGEMY, LOSS OF MEMORY, PREFORMALITY CHRONICS, AND DIVERSHEES, AND DIVERSHEES, AND DEPENDAGEN, CONTROL OF A PRINTER'S SYNDROME? CAN OCCUR CAUSING A LOSS OF SENSATION IN THE ARMS AND HANDS (PERIPHERAL NEUROPATHY). PROLONGED OR REPEATED
GRIT A CONDITION NOWN AS "PAINTER'S SYNDROME? CAN OCCUR CAUSING A LOSS OF SENSATION IN THE ARMS AND HANDS (PERIPHERAL NEUROPATHY). PROLONGED OR REPEATED
BETTS LIVE BAY CAUSE SELECTION INC. SELECTION INC.

[∀] Inhalation [] Ingestion [∀] Absorption

Emergency First Aid Procedures:

REMOVE FROM THE AREA TO FRESH AIR. SEEK MEDICAL ATTENTION IF RESPIRATORY IRRITATION DEVELOPS OR IF BREATHING BECOMES DIFFICULT

RINSE THE EYES WITH WATER, REMOVE ANY CONTACT LENSES AND CONTINUE FLUSHING WITH PLENTY OF WATER FOR SEVERAL MINUTES. SEEK MEDICAL ATTENTION DEVELOPS.

WASH AFFECTED AREAS WITH LARGE AMOUNTS OF SOAP AND WATER FOR 15 MINUTES. REMOVE CONTAMINATED CLOTHING AND SHOES. SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS. WASH CLOTHING AND CLEAN SHOES BEFORE REDUSE.

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 OF CONTULSING PERSON.

THERE IS NO SPECIFIC ANTIDOTE. TREAT THE PATIENT SYMPTOMATICALLY. 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: [√] NTP

VOC CONTENT: 94.1% BY WEIGHT; 856.3 G/L STRAIGHT RUN MIDDLE PETROLEUM DISTILLATE
THH.-RAT LCSO: 1700 MC/M3/4H 3
ORL-RAT LD: 55 G/KG 3
SEN-RES LD: 25 G/KG 3
SEN-RES LD: 50 KG MODERATE 3.

MINERAL OIL AND HYDROCARDON MISTS DERIVED FROM HIGHLY REFINED OILS AND PETROLEUM DISTILLATES ARE REPORTED TO HAVE LOW ACUTE AND SUB-ACUTE TOXICITIES IN ANIMALS. REFECTS FROM SINGLE AND SUBSTITEEM REPEATED EXPOSURES TO HIGH CONCENTRATIONS WILL AROUT APPLICABLE WORKFLACE EXPOSURE LEVELS INCLUDE LUNG INFLAMMATION PRACTION, LIPDID GRANULOM, FORWARTION, AND LIPDID DEFENDANCE STUDIES INVOLVING EXPOSURES TO LONG PROCESSED AND AS OR WEAR CURPENT WORK FLACE EXPOSURE LEVELS PROLUCE NO SIGNIFICANT TOXICOLOGICAL REFECTS, IN LONG TERM STUDIES (UP TO TWO YEARS) NO CARCINOGENIC EFFECTS 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.

2-ETHYLHEXYL NITRATE ORL-RAT LDLo: 7500 MG/MG 3. SKN-RBT LD50: >5000 MG/KG 3.

HEAVY AROMATIC SOLVENT NAPHTHA ORL-RAT LDLO: 5 ML/KG 3. SKN-RBT LD50: >2 ML/KG 3. SKN-RBT SDT: 500 UL/24H MILD 3 THL-RAT LC50: >590 MG/M3/4H 3.

NINERAL OIL IHL-RAT LC50: 2862 PPM/4H 3. ORL-RAT LD50: 5800 MC/EG 4. SWH-RBT SUT: 180 MC/24H MYLD 4. BYR-RBT SUT: 250 MG/55 MCOERATE 4.

1,2,4-TRIMETHYLBENZENE ORL-RAT LD50: 5 G/EG 3. IHL-RAT LC50: 18 G/M3/4H 3.

LIGHT AROMATIC PETROLEUM NAPHTHA OPE-RAT LDS0: 8400 MG/KG 3 THL-RAT TCLO: 1320 PPM/6H/90D-I 3. EYE-RET SDT: 100 UL/24H MILD 3.

MRAHTHALENE EYE-BET SDT: 100 MG MILD 4. SINN-PET OPEN IRPITATION TEST: 495 MG MILD 4. SINN-PET DESC: 20 0/KG 4. OEL-PET LDSG: 20 0/KG 4. IHL-PET LCSG: 2340 MG/M3/IH 4.

NAPHTHALENE CAUSED FRO BLOOD CELL, KIDNEY, AND EYE DAMAGE. EYE DAMAGE WAS DEMONSTRATED BY CATARACT FORMATION AND RETINAL INJUG CATARACTS IN ANIMALS. IN A STUDY CORDUCTED BY THE NTF. MICE EXPOSED TO RITHER 10 OR 30 PPM OF NAPHTHALENE BY INHALATION DALLY HICIDENCES OF METAPLASIA (ABBOURAL IISSUE CIRAMSES) IN THE NOSE AND LYPERPLASTA (RESSIVE PROLIFERATION OF NOPMAL CELLS) IN TH INFLAMMATION OF BOTH THE NOSE AND LUNGS. IN ADDITION. THE INCIDENCE OF BENION LUNG TUNGS WAS SIGNIFICANTLY INCREASED IN THE H IN THE MALE GROUPS. THE SIGNIFICANCE OF THIS EFFECT TO HUMBASH HAS NOT BEEN ESTRAELISHED. 3.

NCI CARCINOGENESIS STUDIES; IHL-RAT CLEAR EVIDENCE; IHL-MSE EQUIVOCAL EVIDENCE NTP CARCINOGENESIS STUDIES; IHL-MSE SOME EVIDENCE LARC GROUP 28: POSSIBLY CARCINOGENESIC TO HUMANS

Section VII - Reactivity Data

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EXEMPTED FROM LISTING.

LEGIBLARY FLAMMFLAMM, FLAMMABLE, TOX:TOXIC, THL: INHALATION, COMB: COMBUSTIBLE, CORE. CORROCIVE, CARC. CARCINGGRNIC, N/A: NOT APPLICABLE, N/E: NOT ESTABLISHED,
TLEVELAND OPEN CUP, PMCC: PROSET-MARTIN CLOSED CUP, TCC: TAGLIADDE CLOSED CUP, LELI-LOWER EXPLOSION LINET, UBL-UPPER EXPLOSION LINET,

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