

STATE CHEMICAL MFG -- DRI ALL PURPOSE LUBRICANT - AEROSOL
MATERIAL SAFETY DATA SHEET
NSN: 915000N010072
Manufacturer's CAGE: 53798
Part No. Indicator: C
Part Number/Trade Name: DRI ALL PURPOSE LUBRICANT - AEROSOL

General Information

Company's Name: STATE CHEMICAL MFG CO
Company's Street: 3100 HAMILTON AVE
Company's City: CLEVELAND
Company's State: OH
Company's Country: US
Company's Zip Code: 44114
Company's Emerg Ph #: 216-861-7114
Company's Info Ph #: 216-861-7114
Safety Data Action Code: A
Record No. For Safety Entry: 003
Tot Safety Entries This Stk#: 003
Status: SMJ
Date MSDS Prepared: 01AUG96
Safety Data Review Date: 04SEP97
MSDS Serial Number: CGYCK

Ingredients/Identity Information

Proprietary: NO
Ingredient: STODDARD SOLVENT; (MINERAL SPIRITS) (MAY CONTAIN INGREDIENT 2)
Ingredient Sequence Number: 01
Percent: <20
Ingredient Action Code: A
NIOSH (RTECS) Number: WJ8925000
CAS Number: 8052-41-3
OSHA PEL: 500 PPM
ACGIH TLV: 100 PPM

Proprietary: NO
Ingredient: BENZENE, 1,2,4-TRIMETHYL-; (1,2,4-TRIMETHYLBENZENE)
Ingredient Sequence Number: 02
Percent: <1
Ingredient Action Code: A
NIOSH (RTECS) Number: DC3325000
CAS Number: 95-63-6
OSHA PEL: N/K (FP N)
ACGIH TLV: N/K (FP N)

Proprietary: NO
Ingredient: ETHYLENE, TETRACHLORO-; (PERCHLOROETHYLENE) (SARA 313)
(CERCLA)
Ingredient Sequence Number: 03
Percent: <80
Ingredient Action Code: A
NIOSH (RTECS) Number: KX3850000
CAS Number: 127-18-4
OSHA PEL: 100 PPM

ACGIH TLV: 25 PPM; 100 STEL

Proprietary: NO
Ingredient: CARBON DIOXIDE
Ingredient Sequence Number: 04
Percent: <10
Ingredient Action Code: A
NIOSH (RTECS) Number: FF6400000
CAS Number: 124-38-9
OSHA PEL: 5000 PPM
ACGIH TLV: 5000 PPM; 30000 STEL

Proprietary: NO
Ingredient: SUPDAT: SUCH AS PITS, DEGREASERS, STORAGE TANKS & OTHER
CONFINED AREAS. DO NOT SMOKE WHILE USING. READ & FOLLOW (ING 6)
Ingredient Sequence Number: 05
Ingredient Action Code: A
NIOSH (RTECS) Number: 9999999ZZ
OSHA PEL: NOT APPLICABLE
ACGIH TLV: NOT APPLICABLE

Proprietary: NO
Ingredient: ING 5: ALL LABEL DIRECTIONS & PRECAUTIONS BEFORE USING
PRODUCT. THESE PRODUCTS ARE INTENDED FOR INDUSTRIAL & (ING 7)
Ingredient Sequence Number: 06
Ingredient Action Code: A
NIOSH (RTECS) Number: 9999999ZZ
OSHA PEL: NOT APPLICABLE
ACGIH TLV: NOT APPLICABLE

Proprietary: NO
Ingredient: ING 6: INSTITUTIONAL USE ONLY. NOT FOR HOUSEHOLD USE OR
RESALE. KEEP OUT OF THE REACH OF CHILDREN.
Ingredient Sequence Number: 07
Ingredient Action Code: A
NIOSH (RTECS) Number: 9999999ZZ
OSHA PEL: NOT APPLICABLE
ACGIH TLV: NOT APPLICABLE

=====

Physical/Chemical Characteristics

=====

Appearance And Odor: CLEAR, AMBER AEROSOL SPRAY WITH A SOLVENT ODOR.
Boiling Point: >150F,>66C
Specific Gravity: 1.3 (H*2O=1)
Solubility In Water: NIL
Percent Volatiles By Volume: 95 WT
pH: N/A
=====

Fire and Explosion Hazard Data

=====

Flash Point: NONFLAMMABLE
Extinguishing Media: WATER FOG, DRY CHEMICAL OR CARBON DIOXIDE.
Special Fire Fighting Proc: USE NIOSH APPROVED SCBA & FULL PROTECTIVE
EQUIPMENT (FP N). KEEP CONTAINERS COOL. USE SHIELDING TO PROTECT PERSONNEL
FROM VENTING, RUTPURING OR BUSTING CANS.
Unusual Fire And Expl Hazrds: EXPOSURE TO TEMPERATURES ABOVE 120F.

Reactivity Data

Stability: YES

Cond To Avoid (Stability): EXPOSURE TO 120F.

Materials To Avoid: STRONG OXIDIZERS.

Hazardous Decomp Products: EXPOSURE TO EXTREME TEMPERATURES MAY PRODUCE CARBON MONOXIDE, CARBON DIOXIDE, HYDROGEN CHLORIDE OR PHOSGENE GASES.

Hazardous Poly Occur: NO

Conditions To Avoid (Poly): NOT RELEVANT

Health Hazard Data

LD50-LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.

Route Of Entry - Inhalation: YES

Route Of Entry - Skin: YES

Route Of Entry - Ingestion: YES

Health Haz Acute And Chronic: PROLONGED EXPOSURE TO VAPORS MAY RESULT IN DIZZINESS, HEADACHE OR NAUSEA. REPEATED CONTACT WITH THIS PRODUCT MAY BE IRRITATING & CAUSE EFFECTS TO SKIN. HARMFUL OR FATAL IF SWALLOWED. DIRECT EYE CONTACT CAUSES IRRITATION. CHRONIC: OVEREXPOSURE TO THIS MATERIAL (OR ITS COMPONENTS) HAS BEEN SUGGESTED AS (EFTS OF OVEREXP)

Carcinogenicity - NTP: YES

Carcinogenicity - IARC: YES

Carcinogenicity - OSHA: NO

Explanation Carcinogenicity: PERCHLOROETHYLENE: IARC MONO, SUPP, VOL 63, PG 159, 1995. NTP 7TH ANNUAL REPORT ON CARCINS: 1994:ANTIC TO BE CARCIN.

Signs/Symptoms Of Overexp: HLTH HAZ: A CAUSE OF LIVER ABNORMALITIES, KIDNEY DAMAGE, LUNG DAMAGE, BRAIN DAMAGE AND SPLEEN DAMAGE IN HUMANS. THE

SOLVENTS LISTED HAVE BEEN REPORTED TO AFFECT THE CENTRAL NERVOUS SYSTEM.

Med Cond Aggravated By Exp: LIVER DISEASE AND RHYTHM DISORDERS OF THE HEART AND RESPIRATORY DISORDERS.

Emergency/First Aid Proc: INGEST: SEEK MED ATTN IMMEDIATE. DO NOT INDUCE VOMITING DUE TO ASPIRATION HAZARD. INHAL: REMOVE TO FRESH AIR. ADMINISTER OXYGEN IF AVAILABLE. SEEK MED ATTN PROMPTLY. IF BREATHING HAS STOPPED, PERFORM ARTF RESP. EYE: FLUSH EYES IMMEDIATE W/PLENTRY OF COOL WATER FOR AT LST 15 MIN. IF IRRIT PERSISTS, SEEK MED ATTN. CONTACT LENSES SHOULD NOT BE WORN WHEN WORKING W/THIS PROD. SKIN: WASH IMMEDIATE W/PLENTRY (SUPDAT)

Precautions for Safe Handling and Use

Steps If Matl Released/Spill: VENTILATE SPILL AREA. ABSORB SPILL ON OIL ABSORBENT. PUT INTO CONTAINER. DISPOSE OF AS HAZARDOUS WASTE.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Method: DO NOT INCINERATE OR PUNCTURE CANS. GIVE CANS TO A DISPOSAL SERVICE EQUIPPED TO SAFELY DISPOSE OF PRESSURIZED CONTAINERS. USED LIQUID IS RCRA HAZARDOUS WASTE (NO F001). FOLLOW ALL FEDERAL, STATE AND LOCAL REGULATIONS REGARDING WASTE DISPOSAL.

Precautions-Handling/Storing: CONTENTS UNDER PRESSURE. DO NOT PUNCTURE OR INCIN CANS. DO NOT STORE CANS WHERE TEMPS MAY EXCEED 120F. NONFLAMMABLE. HARMFUL/FATAL IF (SUPDAT)

Other Precautions: THIS PROD CONTAINS SOLVENTS WHICH MAY AFFECT PLASTICS & PAINTS. NOT FOR USE ON ELECTRONIC COMPUTERS OR ELECTRONIC MEMORY SYSTEMS. BE CAREFUL AROUND PAINTED SURFS. ALWAYS TEST IN INCONSPICUOUS AREA BEFORE USING. WIPE OFF OVERSPRAY IMMEDIATE.

Control Measures

Respiratory Protection: USE NIOSH APPRVD SCBA WHEN USING THIS PROD IN ANY AREA W/OUT VENT OR WHEN SPRAYING MORE THAN ONE-HALF CAN CONTINUOUSLY. IN AREAS W/VAP ABOVE TLV BUT STILL PLENTY OF OXYGEN, USE NIOSH APPRVD CARTRIDGE TYPE RESP FITTED W/ORG VAP CARTRIDGES.

Ventilation: USE VENTILATION TO KEEP VAPOR CONCENTRATION BELOW TLV.

Protective Gloves: IMPERVIOUS GLOVES (FP N).

Eye Protection: ANSI APPRVD CHEM WORKERS GOGGLES (FP N).

Other Protective Equipment: ANSI APPROVED EYE WASH & DELUGE SHOWER (FP N).

Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.

Suppl. Safety & Health Data: FIRST AID PROC: OF SOAP & WATER. REMOVE SOAKED CLTHG PROMPTLY. IF IRRIT PERSISTS, CONTACT MD. NOTE TO MD: DO NOT ADMINISTER ADRENALIN FOLLOWING OVEREXP. HNDLG/STOR PRECS: SWALLOWED. DO NOT

STORE IN DIRECT SUNLIGHT. DO NOT USE IN POORLY VENTD OR CONFINED SPACES. VAPORS ARE HVR/AIR & WILL COLLECT IN LOW AREAS (ING 5)

Transportation Data

Disposal Data

Label Data

Label Required: YES

Technical Review Date: 04SEP97

Label Date: 21AUG97

Label Status: M

Common Name: DRI ALL PURPOSE LUBRICANT - AEROSOL

Chronic Hazard: YES

Signal Word: DANGER!

Acute Health Hazard-Severe: X

Contact Hazard-Moderate: X

Fire Hazard-None: X

Reactivity Hazard-None: X

Special Hazard Precautions: DO NOT INGEST. ACUTE: PROLONGED EXPOSURE TO VAPORS MAY RESULT IN DIZZINESS, HEADACHE OR NAUSEA. REPEATED CONTACT WITH THIS PRODUCT MAY BE IRRITATING AND CAUSE EFFECTS TO SKIN. HARMFUL OR FATAL IF SWALLOWED. DIRECT EYE CONTACT CAUSES IRRITATION. CHRONIC: CANCER HAZARD. CONTAINS PERCHLOROETHYLENE WHICH IS LISTED AS AN ANIMAL LIVER CARCINOGEN (FP N). MAY CAUSE LIVER ABNORMALITIES AND KIDNEY, LUNG, BRAIN AND SPLEEN DAMAGE. SOLVENTS MAY AFFECT CENTRAL NERVOUS SYSTEM.

Protect Eye: Y

Protect Skin: Y

Protect Respiratory: Y

Label Name: STATE CHEMICAL MFG CO

Label Street: 3100 HAMILTON AVE

Label City: CLEVELAND

Label State: OH

Label Zip Code: 44114

Label Country: US

Label Emergency Number: 216-861-7114