

CROWN, NORTH AMERICAN PROFESSIONAL PRODUCTS -- HEAVY DUTY OPEN GEAR AND WIRE ROPE LUBE -- 9150-01-065-7025

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===== Product Identification =====

Product ID:HEAVY DUTY OPEN GEAR AND WIRE ROPE LUBE

MSDS Date:04/24/1995

FSC:9150

NIIN:01-065-7025

MSDS Number: CCMSK

==== Responsible Party ====

Company Name:CROWN, NORTH AMERICAN PROFESSIONAL PRODUCTS

Address:1500 MCCONNELL ROAD

City:WOODSTOCK

State:IL

ZIP:60

096-7310

Country:US

Info Phone Num:800-766-7655

Emergency Phone Num:800-255-3924/800-766-7655

Preparer's Name:PETER M. JANKOWSKI

CAGE:02HV1

==== Contractor Identification ====

Company Name:CROWN NORTH AMERICAN PROFESSIONAL PRODUCTS

Address:1500 MCCONNELL RD

Box:City:WOODSTOCK

State:IL

ZIP:60098-7310

Country:US

Phone:800-766-7655

CAGE:02HV1

Company Name:NORTH AMERICAN PROFESSIONAL PRODUCTS

Address:1500 MCCONNELL RD

Box:City:WOODSTCK

State:IL

ZIP:60098-7310

Country:US

Phone:815-648-2424/800-766-7655

CAGE:0T7G9

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===== Composition/Information on Ingredients =====

Ingred Name:ASPHALT (PETROLEUM)

CAS:8052-42-4

RTECS #:CI9900000

Fraction by Wt: 51-70%

Other REC Limits:NONE RECOMMENDED

ACGIH TLV:5 MG/M3; (FUME);9596

Ingred Name:PINE TAR

CAS:8011-48-1

RTECS #:WW7530000

Fraction by Wt: 1-10%

Other REC Limits:NONE RECOMMENDED

Ingred Name:PROPANE

CAS:74-98-6

ingred Name:ISOBUTANE
CAS:75-28-5
RTECS #:TZ4300000
Fraction by Wt: 11-30%
Other REC Limits:NONE RECOMMENDED

ingred Name:TOLUENE (SARA 313) (CERCLA)
CAS:108-88-3
RTECS #:XS5250000
Fraction by Wt: 1-10%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:200 PPM; Z-2
ACGIH TLV:S, 50 PPM; 9596
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

ingred Name:N-HEPTANE
CAS:142-82-5
RTECS #:MI7700000
Fraction by Wt: 1-10%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:500 PPM
ACGIH TLV:400 PPM/500STEL;9596

ingred Name:MIN
ERAL OIL, HYDROTREATED (MILD), HEAVY NAPHTHENIC
DISTILLATE, PETROLEUM
CAS:64742-52-5
RTECS #:PY8035000
Fraction by Wt: 1-10%
Other REC Limits:NONE RECOMMENDED

===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INGESTION-CAN CAUSE CHEMICAL
PNEUMONITIS IF ASPIRATED INTO LUNGS. EYE-MAY CAUSE IRRITATION.
SKIN-PROLONGED OR REPEA
TED CONTACT MAY CAUSE DEFATTING OF THE SKIN
OR DERMATITIS.
Explanation of Carcinogenicity:NONE SPECIFIED BY MANUFACTURER.
Effects of Overexposure:INHALATION-DIZZINESS, DROWSINESS AND THROAT
IRRITATION.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

===== First Aid Measures =====

First Aid:EYES-FLUSH WITH WATER IMMEDIATELY FOR AT LEAST 15 MIN OR
UNTIL IRRITATION SUBSIDES. SKIN-REMOVE ALL CONTAMINATED CLOTHING
AND WASH WI

TH SOAP AND WATER. INHALATION-REMOVE FROM EXPOSURE IMMEDIATELY. IF BREATHING IS STOPPED OR IRREGULAR, BEGIN ARTIFICIAL RESPIRATION AND ADMINISTER OXYGEN. INGESTION-DRINK LARGE AMOUNTS OF WATER. DO NOT INDUCE VOMITING.

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===== Fire Fighting Measures =====

Flash Point Method:TCC
Flash Point:-50F,-46C
Lower Limits:1.2
Upper Limits:9.5
Extinguishing Media:CARBON DIOXIDE, WATER FOG, FOAM, DRY CHEMICAL.
Fire Fighting Procedures:FIREFIGHTERS SHOULD USE A S
ELF-CONTAINED
POSITIVE PRESSURE BREATHING APPARATUS.
Unusual Fire/Explosion Hazard:TREAT AS CYLINDER OF COMPRESSED GAS. COOL
CONTAINERS EXPOSED TO HEAT OR FLAMES, OVERHEATED CONTAINERS MAY
EXPLODE.

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===== Accidental Release Measures =====

Spill Release Procedures:VENTILATE AREA. REMOVE ALL SOURCES OF
IGNITION. CLEAN UP WITH AN INERT MATERIAL AND DISPOSE OF IN
ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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===== Handling and Storage =====

Handling and Storage Precautions:DO NOT STORE IN DIRECT SUNLIGHT, NEAR
OPEN FLAMES OR AT TEMPERATURES EXCEEDING 120F. DO NOT SMOKE WHILE
SPRAYING. USE ONLY AS DIRECTED.
Other Precautions:INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING
VAPORS AND INHALING CONTENTS CAN BE HARMFUL OR FATAL.

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===== Exposure Controls/Personal Protection =====

Respiratory Protection:RESPIRATORY PROTECTION PROGRAM SHOULD BE IN
ACCORDANCE WITH 29 CFR 1910.134.
Ventilation:LOCAL EXHAUST IS ADEQUATE.
Protective Gloves:POLYETHYLENE OR NEOPRENE.
Eye Protection:SAFETY GLASSES RECOMMENDED.
Other Protective Equipment:PROTECTIVE CLOTHING AND EQUIPMENT: SEE 29
CFR 1910.133 AND 132.
Work Hygienic Practices:WASH SKIN WITH SOAP AND WATER.
Supplemental Safety and Health
LABEL REQUIRED: ORM-D.

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===== Physical/Chemical Properties =====

HCC:V3
Boiling Pt:B.P. Text:92-31

6C

Vapor Pres:60-70 PSIG

Vapor Density:>1

Spec Gravity:0.95

Evaporation Rate & Reference: