

EXXON COMPANY USA -- WIRE ROPE COMPOUND (489315)

=====  
MSDS Safety Information  
=====

FSC: 9150  
NIIN: 00-530-6814  
MSDS Date: 03/22/1999  
MSDS Num: CKPYB  
Product ID: WIRE ROPE COMPOUND (489315)  
MFN: 01  
Responsible Party  
Cage: 0ST34  
Name: EXXON COMPANY USA  
Box: 2180  
City: HOUSTON TX 77252-2180  
Info Phone N  
umber: 800-443-9966  
Emergency Phone Number: 800-443-9966  
Chemtrec IND/Phone: (800)424-9300  
Proprietary Ind: Y  
Review Ind: Y  
Published: Y

=====  
Contractor Summary  
=====

Cage: 70878  
Name: EXXON CO USA-SOUTHWEST GREASE BUSINESS UNIT  
Address: 1400 S HARRISON  
Box: 1974  
City: OLATHE KS 66061  
Phone: 913-656-3701/800-424-9300(CHEMTREC)  
Contract Number: SP0450-00-M-C498  
Cage: 0ST34  
Name: RTK INDUSTRIES IN  
C  
Address: 605 7TH AVE N  
City: SAFETY HARBOR FL 34695  
Phone: 727-726-4984

=====  
Item Description Information  
=====

Item Manager: S9G  
Item Name: GREASE,WIRE ROPE-EXPOSED GEAR  
Unit of Issue: CN  
Quantitative Expression: 00000000035LB  
UI Container Qty: 1  
Type of Container: CAN

=====  
Ingredients  
=====

Name: \*\*\* PROPRIETARY \*\*\*

=====  
Health Hazards Data  
=====

LD50 LC50 Mixture: ACUTE ORAL LD50 (RAT) > 5 G/KG

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: HEALTH STUDIES HAVE SHOWN THAT MANY PETROLEUM HYDROCARBONS AND SYNTHETIC LUBRICANTS POSE POTENTIAL HUMAN HEALTH RISKS WHICH MAY VARY FROM PERSON-TO-PERSON. AS A PRECAUTION, EXPOSURE TO LIQUIDS, VAPORS, MISTS OR FUMES SHOULD BE MINIMIZED. ACUTE TOXICOLOGICAL PROPERTIES: NO DATA AVAILABLE.

Signs And Symptoms Of Overexposure: NONE WHEN USED WITH GOOD PERSONAL HYGIENE PRACTICES. MAY OTHERWISE CAUSE SKIN AND EYE IRRITATION UPON PROLONGED OR REPEATED CONTACT.

Medical Cond Aggravated By Exposure: NONE RECOGNIZED.

First Aid: EYE: FLUSH WITH CLEAR WATER FOR 15 MINUTES OR UNTIL IRRITATION SUBSIDES. IF IRRITATION PERSISTS, CALL A PHYSICIAN. SKIN: REMOVE ANY CONTAMINATED C

LOTHING & WASH SKIN WITH SOAP & WATER. IF PRODUCT IS INJECTED INTO OR UNDER THE SKIN, OR INTO ANY PART OF THE BODY, REGARDLESS OF THE APPEARANCE OF THE WOUND OR ITS SIZE, THE INDIVIDUAL SHOULD BE EVALUATED IMMEDIATELY BY A PHYSICIAN AS A SURGICAL EMERGENCY. INHALATION: NOT NORMALLY A PROBLEM. IF OVERCOME BY VAPOR FROM HOT PRODUCT, IMMEDIATELY REMOVE FROM EXPOSURE. INGESTION: DO NOT INDUCE VOMITING; CALL PHYSICIAN IMMEDIATELY.

=====  
Handling and Disposal  
=====

Spill Release Procedures: RECOVER FREE PRODUCT. ADD SAND, EARTH, OR OTHER SUITABLE ABSORBENT TO SPILL AREA. MINIMIZE SKIN CONTACT. KEEP PRODUCT OUT OF SEWERS AND WATERCOURSES BY DIKING OR IMPOUNDING. ADVISE AUTHORITIES IF PRODUCT HAS ENTERED OR MAY ENTER SEWERS, WATERCOURSES, OR EXTENSIVE LAND AREAS. ASSURE CONFORMITY WITH APPLICABLE GOVERNMENTAL REGULATIONS.

Waste Disposal Methods: OPTIONS FOR DISPOSAL OF

THIS PRODUCT MAY DEPEND ON THE

CONDITIONS UNDER WHICH IT WAS USED. TO DETERMINE THE PROPER METHOD OF DISPOSAL, REFER TO RCRA (40 CFR 261), AS WELL AS FEDERAL EPA AND STATE AND LOCAL REGULATIONS.

Handling And Storage Precautions: USE PRODUCT WITH CAUTION AROUND HEAT, SPARKS, PILOT LIGHTS, STATIC ELECTRICITY, AND OPEN FLAME.

Other Precautions: EMPTY CONTAINERS RETAIN RESIDUE (LIQUID &/OR VAPOR) & CAN BE DANGEROUS. DO NOT PRESSURIZE, CUT WELD, BRAZE, SOLDER, DRILL, GRIND OR EX

POSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE & CAUSE INJURY OR DEATH.

=====  
Fire and Explosion Hazard Information  
=====

Flash Point Method: COC

Flash Point: >180.C, 356.F

Flash Point Text: MINIMUM

Extinguishing Media: FOAM, WATER SPRAY (FOG), DRY CHEMICAL, CARBON DIOXIDE & VAPORIZING LIQUID TYPE EXTINGUISHING AGENT

S. DEPENDS ON SIZE & CIRCUMSTANCES OF FIRE.

Fire Fighting Procedures: USE WATER TO KEEP FIRE-EXPOSED CONTAINERS COOL. IF A LEAK OR SPILL HAS NOT IGNITED, USE WATER SPRAY TO DISPERSE THE VAPORS & TO PROVIDE PROTECTION FOR PERSONS ATTEMPTING TO STOP A LEAK. USE SUPPLIED-AIR BREATHING EQUIPMENT FOR ENCLOSED OR CONFINED SPACES.

Unusual Fire/Explosion Hazard: DECOMPOSITION PRODUCTS UNDER FIRE CONDITIONS-CARBON MONOXIDE AND CARBON DIOXIDE FROM BURNING. OXIDES OF PHOSPHOROUS FROM BURNING, OXIDES OF SULFUR, OXIDES OF NITROGEN, ZINC OXIDE, SULFUR DIOXIDE OR HYDROGEN SULFIDE, DEPENDING UPON DECOMPOSITION CONDITIONS, OXIDES OF CALCIUM, ALKYL SULPHIDES, MERCAPTANS.

=====  
Control Measures  
=====

Respiratory Protection: USE SUPPLIED-AIR RESPIRATORY PROTECTION IN CONFINED OR ENCLOSED SPACES, IF NEEDED.

Ventilation: USE LOCAL EXHAUST TO CAPTURE VAPOR, MISTS OR FUMES, IF NECESSARY.

PROVIDE VENTILATION SUFFICIENT TO PREVENT EXCEEDING RECOMMENDED EXPOSURE LIMIT.

Protective Gloves: USE CHEMICAL-RESISTANT GLOVES, IF NEEDED.

Eye Protection: USE SPLASH GOGGLES OR FACE SHIELD WHEN EYE CONTACT MAY OCCUR.

Other Protective Equipment: USE CHEMICAL-RESISTANT APRON OR OTHER IMPERVIOUS CLOTHING, IF NEEDED, TO AVOID CONTAMINATING REGULAR CLOTHING, WHICH COULD RESULT IN PROLONGED OR REPEATED SKIN CONTACT.

Work Hygienic Practices: TO PREVENT FIRE OR EXPLOSION RISK FROM STATI

C ACCUMULATION & DISCHARGE, EFFECTIVELY BOND &/OR GROUND PRODUCT TRANSFER SYSTEM IN ACCORDANCE WITH (THE) NATIONAL FIRE PROTECTION ASSOCIATION PUBLICATIONS.

Supplemental Safety and Health: KEEP CONTAINER CLOSED WHEN NOT IN USE. DO NOT STORE NEAR HEAT, SPARKS, FLAME OR STRONG OXIDANTS. IN ORDER TO PREVENT FIRE OR EXPLOSION HAZARDS, USE APPROPRIATE EQUIPMENT. INFORMATION ON ELECTRICAL EQUIPMENT APPROPRIATE FOR USE WITH THIS PRODUCT MAY BE FOUND IN THE LATEST EDITION OF THE NATIONAL

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

HCC: V6

B.P. Text: NOT AVAILABLE

Spec Gravity: .936

Viscosity: >100 SUS@100F

Solubility in Water: NEGLIGIBLE

Appearance and Odor: AMBER GREASE. MINERAL OIL ODOR.

=====  
Reactivity Data  
=====

Stability Indicator: YES

Materials To A

void: CONTACT WITH STRONG OXIDANTS SUCH AS LIQUID CHLORINE,  
CONCENTRATED OXYGEN, SODIUM HYPOCHLORITE, CALCIUM HYPOCHLORITE, ETC., AS THIS  
PRESENTS A SERIOUS EXPLOSION HAZARD.

Hazardous Decomposition Products: CARBON MONOXIDE & CARBON DIOXIDE. OXIDES OF  
PHOSPHOROUS, OXIDES OF SULFUR, OXIDES OF NITROGEN, ZINC OXIDE, SULFUR DIOXIDE  
OR HYDROGEN SULFIDE, OXIDES OF CALCIUM, ALKYL SULPHIDES, MERCAPTANS.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: WILL NOT OCCUR

=====  
Toxicological Information  
=====

Toxicological Information: PRODUCT HAS A LOW ORDER OF ACUTE ORAL & DERMAL  
TOXICITY, BUT MINUTE AMOUNTS ASPIRATED INTO THE LUNGS DURING INGESTION OR  
VOMITING MAY CAUSE MILD TO SEVERE PULMONARY INJURY AND POSSIBLY DEATH.

=====  
Ecological Information  
=====

Ecological: DO NOT DISCHARGE THIS PRODUCT INTO PUBLIC WATERS OR WATERWAYS  
UNLESS AUTHORIZED BY A NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM  
(NPDES) PERMIT ISSUED BY THE ENVIRONMENTAL PROTECTION AGENCY (EPA). WRITE  
OR CALL EXXON TO OBTAIN FURTHER INFORMATION.

=====  
MSDS Transport Information  
=====

Transport Information: US DOT: NOT REGULATED.  
=====

=====

Regulatory Information

=====

Sara Title III Information: THIS PRODUCT DOES NOT CONTAIN ANY CHEMICAL SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372.

Federal Regulatory Information: TSCA: THIS PRODUCT, AS MANUFACTURED BY EXXON, DOES NOT CONTAIN POLYCHLORINATED BIPHENYLS (PCB'S). ALL COMPONENTS OF THIS PRODUCT ARE LISTED ON THE U. S. TSCA INVENTORY.

=====

Other Information

=====

=====

Transportation Information

=====

Responsible Party Cage: 0ST34  
Trans ID NO: 153905  
Product ID: WIRE ROPE COMPOUND (489315)  
MSDS Prepared Date: 03/22/1999  
Review Date: 07/06/2000  
MFN: 1  
Multiple KIT Number: 0  
Unit Of Issue: CN  
Container QTY: 1  
Type Of Container: CAN

=====

Detail DOT Information

=====

DOT PSN Code: ZZZ  
DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

=====

Detail IMO Information

=====

IMO PSN Code: ZZZ  
IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION

=====

=====

Detail IATA Information

=====

IATA PSN Code: ZZZ  
IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

=====

Detail AFI Information

=====

AFI PSN Code: ZZZ  
AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

=====

HAZCOM Label

====

=====  
Product ID: WIRE ROPE COMPOUND (489315)

Cage: 0ST34

Company Name: RTK INDUSTRIES INC

Street: 605 7TH AVE N

City: SAFETY HARBOR FL

Zipcode: 34695

Health Emergency Phone: 800-443-9966

Label Required IND: Y

Date Of Label Review: 07/06/2000

Status Code: A

Origination Code: F

Eye Protection IND: YES

Skin Protection IND: YES

Signal Word: CAUTION

Respiratory Protection IND: YES

Health Hazard: Slight

Contact Hazard: Slight

Fire Hazard: Slight

Reactivi

ty Hazard: None

Hazard And Precautions: TARGET ORGANS: N/P. HEALTH STUDIES HAVE SHOWN THAT MANY PETROLEUM HYDROCARBONS AND SYNTHETIC LUBRICANTS POSE POTENTIAL HUMAN HEALTH RISKS WHICH MAY VARY FROM PERSON-TO-PERSON. AS A PRECAUTION, EXPOSURE TO LIQUIDS, VAPORS, MISTS OR FUMES SHOULD BE MINIMIZED. ACUTE TOXICOLOGICAL PROPERTIES: NO DATA AVAILABLE.

=====  
Disclaimer (provided with this information by the compiling agencies): This information

is formulated for use by elements of the Department of Defense.

The United States of America in no manner whatsoever expressly or implied warrants, states, or intends said information to have any application, use or viability by or to any person or persons outside the Department of Defense nor any person or persons contracting with any instrumentality of the United States of America and disclaims all liability for such use. Any person utilizing this instruction who is not a military or civilian employee of the

United States of America should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation regardless of similarity to a corresponding Department of Defense or other government situation.