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Product Identification
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Product ID:FLUOROLUBE FS 5

MSDS Date:05/04/1988

FSC:9150

NIIN:00-035-5985

Status Code:A

MSDS Number: CKJVK

=== Responsible Party ===

Company Name:OCCIDENTAL CHEMICAL CORP.

Address:CUSTOMER SERVICE,OCCIDENTAL TOWER

Box:809050

City:DALLAS

State:TX

ZIP:75380

Info Phone Num:1-800-752-5151

Emergency Phone Num:716-278-7021

CAGE:0AH54

=== Contractor Identification ===

Company Name:OCCIDENTAL CHEMICAL CORP (OXYCHEM)SHORT ABBREVIAT

Address:360 RAINBOW BLDVD SOUTH

Box:728

City:NIAGARA FALLS

State:NY

ZIP:14302

Country:US

Phone:1-800-733-3665

CAGE:91784

Company Name:OCCIDENTAL CHEMICAL CORPORATION

Address:5005 LYNDON B JOHNSON FWY

Box:City:DALLAS

State:TX

ZIP:75244-6198

Country:US

Phone:800-752-5151/972-404-3800

CAGE:0AH54

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Composition/Information on Ingredients
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Ingred Name:FUMED SILICA (AMORPHOUS).PRESENT IN FLUOROLUBE GREASES,NOT

AN INHAL HAZ (MFR).ACGIH TLV FOR NO ASBESTOS,10 G/KG (SEE SUPP)

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:SEE SIGNS AND SYMPTOMS OF OVEREXPOSURE.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:EYES:MILD IRRITATION.SKIN:NO EFFECTS

EXPECTED.INGESTION:PRACTICALLY NON-TOXIC.INHALATION:NO EFFECTS EXPECTED.

Medical Cond Aggravated by Exposure:N/K

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First Aid Measures =====

First Aid:EYES:IMMED FLUSH W/ DIRECTED STREAM OF WATER FOR AT LEAST 15 MIN.FORCIBLY HOLD LIDS APART FOR COMPLETE IRRIGATION OF ALL TISSUE.GET MED ATTN IF IRRIT OCCURS.SKIN:WASH W/ SOAP & WATER.INGEST:NEVER GIVE ANYTHING BY MOUTH TO UNCON PERSON.DO NOT INDUCE VOMIT.GIVE LARGE QUANTITIES OF WATER OR MILK.IF VOMIT OCCURS KEEP AIRWAY CLEAR & GIVE MORE WATER.GET MED ATTN IMMED.INHAL:REMOVE TO FRESH AIR.

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Fire Fighting Measures =====

Extinguishing Media:USE AGENT SUITABLE FOR SURROUNDING FIRE.
Fire Fighting Procedures:WEAR PRESSURE DEMAND SCBA AND FULL PROTECTIVE EQUIPMENT .

Unusual Fire/Explosion Hazard:DECOMP & DEPOLYMERIZE ABOVE 500F,260C.DECOMP PROD TOXIC & HAZ:HYDROGEN FLUORIDE,HYDROGEN CHLORIDE,CHLOROTRIFLUOROETHYLENE,OTHER ORGANIC FLUORINE (SEE SUPP DATA)

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Accidental Release Measures =====

Spill Release Procedures:WIPE UP FLUOROLUBES OILS & GREASES OR TAKE UP WITH ABSORBENT MATERIAL & PLACE IN MARKED CONTAINERS FOR RECLAMATION OR DISPOSAL.

Neutralizing Agent:N/K

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Handling and Storage =====

Handling and Storage Precautions:KEEP CONTR TIGHTLY SEALED TO AVOID CONTAM.AVOID GALLING OR FRICTION W/ ALUMINUM OR MAGNESIUM PARTS INCLUDING CONTR CLOSURES.

Other Precautions:DO NOT REUSE CONTR (RESIDUES).OBSERVE ALL PREC.DISPOSE OF CONTR PER GOVT REGS.PROD DISP-COMPLET

ELY REMOVE

FROM CONTR.DISP PER REGS MATL THAT CANNOT BE USED/REPROCESSED.NO
SMKG IN AREA OF USE.DO NOT USE IN GEN VICIN OF ARC WELDING,(SUP
DA)

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

Respiratory Protection:NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR
EXPOSURE OF CONCERN .

Ventilation:LOCAL AND GENERAL VENTILATION NECESSARY TO KEEP AIR
CONCENTRATION BELOW TLV .

Protective Gloves:IMPERVIOUS

Eye Protection:CHEMICAL WORKERS GOGGLES .

Other Prote

ctive Equipment:N/K

Work Hygienic Practices:N/K

Supplemental Safety and Health

SPEC GRAV:1.87-1.96 @ 100F,37.78C (WATER=1).VP:1.1 MMHG @

200F,93.33C.EXPLO HAZ:COMPDS.PHOSGENE .LD50-LC50 MIX:LD50 DERMAL
RABBIT >5 G/KG.NEW MATL IS RELATIVELY NON-TOX.MATL IN SERVICE MAY
BECOME CONTAM W/ TOX FOREIGN SUBSTANCES.OTHERPREC:OPEN FLAME/HOT
SURF.HEAT MAY CAUSE THE FORMATION OF HCL/PHOSGENE .

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

Boiling Pt:B.P. Text:N/K

Melt/Freeze Pt:M.P/F.P Text:N/K

Decomp Temp:Decomp Text:>500F,260C

Vapor Pres:SUP DATA

Spec Gravity:SUP DATA

Evaporation Rate & Reference:N/K

Solubility in Water:INSOLUBLE

Appearance and Odor:CLEAR,COLORLESS OIL OR GREASE.

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===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

REACTS VIOLENTLY W/ SODIUM,POTASSIUM,AMINES,LIQ FLUORINE,LIQ CHLORINE
TRIFLUORIDE.KEEP AWAY FROM ALUMINUM & MAGNESIUM.

Stability Condition to Avoid:FRICTI

ON OR GALLING IN CONT W/ AL OR MG

PARTS.CAUSES LOCAL AREAS OF HIGH PRESS/TEMP RESULTING IN LOCALIZED
DETONATION.

Hazardous Decomposition Products:HYDROGEN FLUORIDE,HYDROGEN
CHLORIDE,CHLOROTRIFLUOROETHYLENE & OTHER TOXIC ORGANIC FLUORINE
CMPDS.PHOSGENE .

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSAL MUST BE IN ACCORDANCE WITH
FEDERAL,STATE AND LOCAL REGULATIONS .INCINERATE IN EQUIP DESIGNED
TO HANDLE HYDROGEN CHLORIDE
& HYDROGEN FLUORIDE AS COMBUSTION
PRODUCTS OR SUBMIT TO APPROVED CHEMICAL DISPOSAL SERVICE FOR
DISPOSAL.

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