

EXXON COMPANY, USA, A DIV OF EXXON CORP. -- NORPAR 13 -- 5845-01-102-6856

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

Product ID:NORPAR 13

MSDS Date:12/02/1991

FSC:5845

NIIN:01-102-6856

MSDS Number: BGLXJ

=== Responsible Party ===

Company Name:EXXON COMPANY, USA, A DIV OF EXXON CORP.

Address:800 BELL ST

Box:2180

City:HOUSTON

State:TX

ZIP:77252-2180

Country:US

Info Phone Num:713-656-5949 FAX: 713-656-3631

Emergency Phone Num:713-656-3424/2443 (MEDICAL)

CAGE:DO850

=== Contractor Identification ===

Company Name:EDO CORP, GOVT SYSTEMS DIV

Address:14-04 111TH ST

Box:City:COLLEGE POINT

State:NY

ZIP:11356-1434

Country:US

Phone:718-321-4000

CAGE:82340

Company Name:EXXON COMPANY U.S.A.

Address:Box:2180

City:HOUSTON

State:TX

ZIP:77252-2180

Country:US

Phone:713-656-5949 / 713-656-3424

CAGE:29700

Company Name:EXXON COMPANY, USA, A DIV OF EXXON CORP.

Address:800 BELL ST

Box:2180

City:HOUSTON

State:TX

ZIP:772

52-2180
Country:US
Phone:713-656-5949 FAX: 713-656-3631
CAGE:DO850

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

Ingred Name:NORMAL PARAFFINS (BREAKDOWN:C*12,12%; C*13 60%; C*1H, 28%)
Fraction by Wt: 98.4%

Ingred Name:ISOPARAFFINS
Fraction by Wt: 0.6%

Ingred Name:CYCLOPARAFFINS
Fraction by Wt: 0.5%

Ingred Name:MONO AROMATICS
Fraction by Wt: 0.7%

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

LD50 LC50 Mixture:NONE KNOWN
Routes of Entry: Inhala
tion:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:HIGH VAPOR CONCENTRATION (>700 PPM,
ATTAINABLE AT ELEVATED TEMPERATURES WELL ABOVE AMBIENT) ARE
IRRITATING TO THE EYES AND THE RESPIRATORY TRACT, AND MAY CAUSE
HEADACHES, DIZZINESS, ANESTHESIA, DROWSI NESS, UNCONSCIOUSNESS, AND
OTHER CENTRAL NERVOUS SYSTEM EFFECTS, INCLUDING DEATH.
Effects of Overexposure:SKIN: PROLONGED AND REPEATED CONTACT MAY REMOVE
SKIN
OIL LEADING TO IRRITATION AND DERMATITIS. EYES: MAY CAUSE MILD
TO SEVERE EYES IRRITATION ON CONTACT OR WITH THE VAPORS.
INHALATION: COULD CAUSE ASP IRATION INTO THE LUNGS DURING
INGESTIONOR VOMITING. INGESTION: SEE HEALTH HAZARD (ACUTE AND
CHRONIC).
Medical Cond Aggravated by Exposure:INDIVIDUALS WITH PRE-EXISTING
DISEASE IN OR A HISTORY OF AILMENTS INVOLVING THE LIVER, KIDNEY,
SKIN, CNS, OR REPRODUCTIVE SYSTEM ARE AT A GREATER THAN NORMAL RISK
WHEN EXPOSED TO THIS MA

TERIAL.

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

First Aid:INHAL: REMOVE FROM EXPOSURE; CALL MD. INGEST: DO NOT CAUSE VOMITING; CALL MD. SKIN: REMOVE CONTAMINATED CLOTHING; WASH SKIN WITH SOAP & WATER. EYES: FLUSH WITH CLEAR WATER FOR 15 MINUTES OR UNTIL IRRITATION SUBSIDES; LAUNDRY CONTAMINATED CLOTH BEFORE USE.

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

Flash Point Method:PMCC

Flash Point:>200F; >93C

Lower Limits:0.6

Upper

Limits:3.0

Extinguishing Media:FOAM, DRY CHEMICAL, CARBON DIOXIDE OR WATER FOG OR SPRAY

Fire Fighting Procedures:USE AIR-SUPPLIED BREATHING APPARATUS FOR ENCLOSED AREAS; COOL EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:AVOID BREATHING VAPOR OR FUMES. DO NOT MIX OR STORE W/STRONG OXIDANTS LIKE LIQUID CHLORINE OR OXYGEN.

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

Spill Release Procedures:REMOVE IGNITION SOURCES; RECOVER LIQUID; USE

ABSORBENT;AVOID BREATHING VAPOR; VENT CONFINED SPACE; KEEP OUT OF SEWERS & WATERCOURSES BY Diking or Impounding. ADVISE AUTHORITIES PRODUCT HAS ENTERED OR MAY ENTER SEWERS,WATERCOURSES OR EXTEN LAND AREAS.

Neutralizing Agent:NONE KNOWN

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

Handling and Storage Precautions:KEEP CONTAINERS CLOSED WHEN NOT IN USE; DO NOT HANDLE OR STORE NEAR SOURCES OF IGNITION OR STRONG OXIDANTS; AVOID BREATHING VAPORS.

Other Pr

cautions:ADEQUATE VENTILATION REQUIRED. (EQUIVALENT TO OUTDOORS); AVOID PROLONGED OR REPEATED CONTACT; REMOVE CONTAMINATED SHOES & DRY BEFORE REUSE; WASH SKIN THOROUGHLY WITH SOAP & WATER AFTER CONTACT.

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

Respiratory Protection:NORMALLY NOT NEEDED; USE VAPOR CANISTER SUPPLIED AIR RESPIRATOR IN CONFINED SPACE.

Ventilation:LOCAL: FACE VELOCITY >60 FPM; USE EXPLOSION-PROOF EQUIPMENT

Protective Gloves:CHEM RES

ISTANT

Eye Protection:POSS CONTCT: GOGGLES/FACESHLD

Other Protective Equipment:CHEMICAL RESISTANT APRON/CLOTHING TO AVOID
PROLONGED CONTACT

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE
EATING, DRINKING OR SMOKING. LAUNDER CONTAMINATED CLOTHING BEFORE
REUSE.

Supplemental Safety and Health

UPPER EXP LIMIT IS ESTIMATED; THE AUTOIGNITION TEMPERATURE OF THIS
PRODUCT IS APPROXIMATELY 410 F; THEREFORE, IT IS NOT RECOMMENDED
FOR HIGH TEMP APPLICATIONS.

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

HCC:N1

Boiling Pt:B.P. Text:430F,221C

Vapor Pres:5.0

Spec Gravity:0.76

Evaporation Rate & Reference:>0.1 N-BUTYL ACET.

Solubility in Water:NEGLIGIBLE

Appearance and Odor:WATER-WHITE LIQUID;VERY SLIGHT OILY ODOR

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDANTS LIKE:LIQ CHLORINE, SODIUM OR CALCIUM HYPOCHLORITE

Stability Con

dition to Avoid:NONE

Hazardous Decomposition Products:FUMES,SMOKE & CO IN CASE OF INCOMPLETE
COMBUSTION

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

Waste Disposal Methods:DISPOSE IN ACCORDANCE WITH LOCAL, STATE &
FEDERAL REGULATIONS. DISPOSE ABSORBED MATERIAL AT AN APPROVED
DISPOSAL SITE OR FACILITY.

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