

DAUBERT CHEMICAL COMPANY -- NOX RUST 509 -- 8030-00-231-2353

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

Product ID:NOX RUST 509

MSDS Date:02/01/1993

FSC:8030

NIIN:00-231-2353

MSDS Number: BTTGC

=== Responsible Party ===

Company Name:DAUBERT CHEMICAL COMPANY

Address:4700 S CENTRAL AVE

City:CHICAGO

State:IL

ZIP:60638

Country:US

Info Phone Num:312-496-7350/FAX 708-496-7367

Emergency Phone Num:312-496-7350/80

0-424-9300(CHEMTREC)

Preparer's Name:J KUKSUK

CAGE:7X108

=== Contractor Identification ===

Company Name:DAUBERT CHEMICAL CO

Address:4700 S CENTRAL AVE

Box:City:CHICAGO

State:IL

ZIP:60638-1531

Country:US

Phone:708-496-7350

CAGE:7X108

Company Name:RALRUBE INC.

Address:36977 FOX GLEN

Box:City:FARMINGTON HILLS

State:MI

ZIP:48331

Country:US

Phone:248-661-0260, FAX 248-661-3941

CAGE:6X798

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

Ingred Name:PETROLEUM OIL (PER MSDS CAS#: 6

4741-96-4 &/OR 64742-52-5;

SEVERELY SOLVENT REFINED &/OR SEVERELY HYDROTREATED).

Fraction by Wt: 70-75%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/CUM AS OIL MIST

ACGIH TLV:5 MG/CUM AS OIL MIST

Ingred Name:PETROLEUM HYDROCARBON (PETROLATUM).

CAS:8009-03-8

Fraction by Wt: 13-18%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:2MG/M3 (MFG'S)

ACGIH TLV:2MG/M3 FUMES (MFG'S)

Ingred Name:PARAFFIN WAX

CAS:8002-74-2

RTECS #:RV0350000

Fraction by Wt: 3-6%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:

2 MG/M3 (FUME)

ACGIH TLV:2 MG/M3 (FUME); 9394

Ingred Name:VOLATILE ORGANIC COMPOUNDS, UNITS IN LBS/LITER.

RTECS #:9999999VO

Fraction by Wt: 300F,>149C

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

Fire Fighting Procedures:WEAR + PRESSURE SCBA & PROTECTIVE

CLOTHING.COOL CNTNRS EXPOSED TO FLAMES W/WATER SPRAY.STAY

UPWIND.KEEP OUT OF LOW AREAS.TANK,RAILCAR,TRUCK ON FIRE ISOLATE  
.5MI

Unusual Fire/Explosion Hazard:VAPORS MAY TRAVEL TO IGN SOURCE &

FLASHBACK.CNTNR MAY EXPLODE IN HEAT/FIRE.VAPOR EXPLOSION HAZ  
INDOORS/OUTDOORS/SEWERS.

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

Spill Release Procedures:SHUT OFF IGNITION SOURCES;NO

FLARES,SMOKING,FLAMES IN HAZ AREA. STOP LEAK W/O RISK. LG

SPIILLS:DIKE FAR AHEAD OF LIQ SPILL FOR LATER DISPOSAL. SM

SPIILLS:TAKE UP W/SAND OR OTHER NONCOMBUSTIBLE ABSORBENT MATL &  
PLACE INTO CONTAINERS FOR LATERDISPOSAL.

===== Handling and Storage =

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Handling and Storage Precautions:STORE IN COOL,WELL-VENT AREA.KEEP AWAY FROM FLAME,SPARK,HOT SURFACES.NEVER USE TORCH TO CUT/WELD ON/NEAR CNTNR.EMPTY CNTNRS CAN CONTAIN EXPLOSIVE VAPO

Other Precautions:NEVER WEAR OIL SOAKED CLOTHING.LAUNDER/DRY CLEAN BEFORE WEARING.DISCARD OIL SOAKED SHOES.WASH WELL W/SOAP & WATER (WATERLESS HAND CLEANSER MAY BE HELPFUL IN REMOVING RESIDUE) AFT USE & BEFORE SMOKING OR EATING.AVOID EXCESSIVE SKIN CONTACT.

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Exposure Controls/Personal Protection =====

Respiratory Protection:NIOSH APPROVED RESPIRATOR FOR ORGANIC VAPOR AND MIST TO CONTROL EXPOUSRE WHERE VENTILATION IS INADEQUATE.

Ventilation:GENERAL AND LOCAL EXHAUST.

Protective Gloves:IMPERVIOUS (VITON, PVOH, ETC).

Eye Protection:SAFETY GLASSES W/SIDE SHIELDS,CHEM GOGGL

Other Protective Equipment:IF SPLASHING IS ANTICIPATED, WEAR RUBBER APRON & BOOTS OR OTHER PROTECTIVE EQPMT TO MINIMIZE CONTACT.

Work Hygienic Practices:PRACTICE G

OOD PERSONAL HYGIENE.

Supplemental Safety and Health

FIRE:STAY AWAY FROM ENDS OF TANKS. USE UNMANNED HOSE HOLDER/MONITOR NOZ FOR MASSIVE FIRE IN CARGO AREA. WITHDRAW IMMED IF RISING SOUND FROM VENTING SAFETY DEVICE OR DISCOLORATION OF TANK.

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

HCC:N1

Boiling Pt:B.P. Text:>300F,>149C

Vapor Pres:1

Spec Gravity:0.9

Evaporation Rate & Reference:>1 (BU AC=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:DARK AMBER, S

OFT WAXY SOLID, PETROLEUM OIL ODOR.

Percent Volatiles by Volume: