

DAUBERT CHEMICAL COMPANY -- NOX RUST 503-LS -- 8030-00-837-6557

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

Product ID:NOX RUST 503-LS

MSDS Date:01/23/1995

FSC:8030

NIIN:00-837-6557

Status Code:A

MSDS Number: CKQWJ

=== Responsible Party ===

Company Name:DAUBERT CHEMICAL COMPANY

Address:4700 S CENTRAL AVE

City:CHICAGO

State:IL

ZIP:60638

Country:US

Info Phone Num:708-496-7350

Emergency Phone Num:708-496-7350

Preparer's Name:J. KUKSUK

CAGE:0YMU2

=== Contractor Identification ===

Company Name:DAUBERT CHEMICAL COMPANY

Address:4700 S CENTRAL AVE

Box:City:CHICAGO

State:IL

ZIP:60638

Country:US

Phone:708-496-7350

CAGE:0YMU2

Company Name:RALRUBE, INC.

Address:36977 FOX GLEN

Box:City:FARMINGTON HILLS

State:MI

ZIP:48331

Country:US

Phone:800-253-3436

CAGE:LO926

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

Ingred Name:PETROLEUM OIL (SEVERELY SOLVENT-REFINED AND/OR SEVERELY
HYDROTREATED)

CAS:64741-96-4

RTECS #:PY8040000

Minumum % Wt:29.

Maxumum

% Wt:34.
ACGIH TLV:5 MG/M3 (MISTS)

Ingred Name:ALIPHATIC PETROLEUM SOLVENT
CAS:64742-88-7
Minumum % Wt:47.
Maxumum % Wt:52.
OSHA PEL:100 PPM
ACGIH TLV:100 PPM
ACGIH STEL:200 PPM

Ingred Name:OXIDIZED ALIPHATIC PETROLEUM FRACTION
CAS:64743-01-7
Minumum % Wt:9.
Maxumum % Wt:14.
OSHA PEL:2 MG/M3 (WAX FUMES)

Ingred Name:PETROLEUM OIL
CAS:8002-05-9
RTECS #:SE7175000
< Wt:5.
OSHA PEL:5 MG/M3 (OIL MISTS)

Ingred Name:DISTILLATES (PETROLEUM), HYDROTREATED HEAVY NAPHTHENIC
CAS:64742-52-5
RTECS #:PY
8035000
Minumum % Wt:29.
Maxumum % Wt:34.

Ingred Name:DISTILLATES (PETROLEUM), HYDROTREATED LIGHT
CAS:64742-47-8
RTECS #:OA5504000
Minumum % Wt:47.
Maxumum % Wt:52.

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EXCESSIVE INHALATION MAY PRODUCE
DIZZINESS, NAUSEA, HEADACHE, AND INCOORDINATION. MAY CAUSE
REVERSIBLE EYE AND S

KIN IRRITATION. PROLONGED SKIN EXPOSURE MAY CAUSE DERMATITIS OR OIL ACNE. BREATHING MISTS MAY CAUSE DIZZINESS OR PULMONARY IRRITATION. CHRONIC EFFECTS ARE NOT DETERMINED.
Explanation of Carcinogenicity:NONE OF THE COMPONENTS OF THIS PRODUCT ARE LISTED AS CARCINOGENS BY NTP, IARC, OR OSHA 1910(Z).
Medical Cond Aggravated by Exposure:EXPOSURE MAY AGGRAVATE PRE-EXISTING RESPIRATORY OR SKIN PROBLEMS.

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

First Aid

:INHALATION: MOVE VICTIM TO FRESH AIR AND CALL EMERGENCY MEDICAL CARE. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION;IF BREATHING IS DIFFICULT, GIVE OXYGEN. EYES: IN CASE OF CONTACT WITH MATERIAL, IM MEDIATELY FLUSH EYES WITH RUNNING WATER FOR AT LEAST 15 MINUTES. SEEK IMMEDIATE MEDICAL ATTENTION. SKIN: WASH SKIN WITH SOAP AND WATER. REMOVE AND ISOLATE CONTAMINATED CLOTHING AND SHOES AT THE SIT E.

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

Flash Point Method:TCC

Flash Point:=40.6C, 105.F

Lower Limits:0.6

Upper Limits:7.0

Extinguishing Media:SMALL FIRES:DRY CHEMICAL, CO2, WATER SPRAY, OR REGULAR FOAM. LARGE FIRES:WATER SPRAY, FOG, OR REGULAR FOAM. MOVE CONTAINER FROM FIRE AREA IF YOU CAN DO IT WITHOUT RISK.

Fire Fighting Procedures:FIRE MAY PRODUCE IRRITATING OR POISONOUS GASES. POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS (SCBA) AND STRUCTURAL FIREFIGHTERS' PROTECTIVE CLOTHING WILL PROVIDE LIMITED P

ROTECTION. KEEP UNN ECESSARY PEOPLE AWAY;ISOLATE HAZARD AREA AND DENY ENTRY. STAY UPWIND;KEEP OUT OF LOW AREAS.

Unusual Fire/Explosion Hazard:FLAMMABLE/COMBUSTIBLE MATERIAL;MAY BE IGNITED BY HEAT, SPARKS OR FLAMES. VAPORS MAY TRAVEL TO A SOURCE OF IGNITION AND FLASH BACK. CONTAINER MAY EXPLODE IN HEAT OF FIRE. VAPOR EXPLOSION HAZARD INDO ORS, OUTDOORS OR IN SEWERS. RUNOFF TO SEWER MAY CREATE FIRE OR EXPLOSION HAZARD.

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

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Spill Release Procedures:SHUT OFF IGNITION SOURCES;NO FLARES, SMOKING OR FLAMES IN HAZARD AREA. STOP LEAK IF YOU CAN DO IT WITHOUT RISK.
SMALL SPILLS: TAKE UP WITH SAND OR OTHER NONCOMBUSTIBLE ABSORBENT MATERIAL AND PLACE I NTO CONTAINERS FOR LATER DISPOSAL. LARGE SPILLS: DIKE FAR AHEAD OF LIQUID SPILL FOR LATER DISPOSAL.

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

Handling and Storage Precautions:STORE IN A COOL, WELL-VENTILATED AREA.

KEEP WAY FROM FLAMES, SPARKS OR HOT SURFACES. NEVER USE A TORCH TO CUT OR WELD ON OR NEAR CONTAINER. EMPTY CONTAINERS CAN CONTAIN EXPLOSIVE VAPORS.

Other Precautions:NEVER WEAR CONTAMINATED CLOTHING. LAUNDER OR DRY CLEAN BEFORE WEARING. DISCARD OIL SOAKED SHOES. WASH THOROUGHLY WITH SOAP AND WATER (WATERLESS HAND CLEANER MAY BE HELPFUL IN REMOVING RESIDUES) AFT ER USE AND BEFORE SMOKING OR EATING. AVOID EXCESSIVE SKIN CONTACT.

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

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

Ventilation:GENERAL AND LOCAL EXHAUST.

Protective Gloves:IMPERVIOUS GLOVES

Eye Protection:SAFETY GLASSES WITH SIDESHIELDS OR CHEMICAL GOGGLES.

Other Protective Equipment:IF SPLASHING IS ANTICIPATED, WEAR RUBBER APRON AND BOOTS OR OTHER PROTECTIVE EQUIPMENT TO MINIMIZE CONDUCT.

Supplemental Safety and Health

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== Physical/Chemical Properties =====

Boiling Pt:>148.9C, 300.F

Vapor Pres:3.4

Vapor Density:>1

Spec Gravity:0.85

VOC Grams/Liter:3.54

Evaporation Rate & Reference: