

NATIONWIDE INDUSTRIES CORP -- PENETRATING OIL 597D (VV-P-216B TYPE 1) --  
9150-00-261-7899

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

Product ID: PENETRATING OIL 597D (VV-P-216B TYPE 1)

MSDS Date: 09/12/1984

FSC: 9150

NIIN: 00-261-7899

MSDS Number: BPXWS

=== Responsible Party ===

Company Name: NATIONWIDE INDUSTRIES CORP

Address: 501 S BASINGER RD

City: PANDORA

State: OH

ZIP: 45877-9749

Country: US

CAGE: 74438

=== Co

ntractor Identification ===

Company Name: NATIONWIDE INDUSTRIES CORP

Address: 501 S BASINGER RD

Box: City: PANDORA

State: OH

ZIP: 45877-9749

Country: US

CAGE: 74438

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

Ingred Name: PETROLEUM DISTILLATE

CAS: 8002-05-9

RTECS #: SE7175000

Fraction by Wt: 71%

Other REC Limits: NONE SPECIFIED

OSHA PEL: 400 PPM

ACGIH TLV: 400 PPM

Ingred Name: MINERAL OIL

Fraction by Wt: 25%

Other REC Limits: NONE SPECIFIED

OSHA PEL: 5 MG/M3 OIL MIST

ACGIH TLV: 5 MG/M3

OIL MIST9192

Ingred Name:ORTHODICHLORO BENZENE  
CAS:30560-19-2  
Fraction by Wt: 3.0%  
Other REC Limits:50 PPM TLV (MFG)

Ingred Name:PHENOL (SARA III)  
CAS:108-95-2  
RTECS #:SJ3327000  
Fraction by Wt: 1.0%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:S, 5 PPM  
ACGIH TLV:S, 5 PPM; 9192  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Health

Health Hazards Acute and Chronic:EYES: MAY CAUSE IRRITATION. SKIN:

EXCESSIVE PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE DRYING,  
DERMATITIS DUE TO DEFATTING ACTION COMMON TO ALL OILS. INHALATION:  
NOT KNOWN TO HAVE ADVERSE EFFECTS BUT SHOULD BE AVOIDED.

INGESTION: ASPIRATION OF LIQUID OIL INTO LUNGS CAN CAUSE DANGEROUS  
PNEUMONITIS.

Explanation of Carcinogenicity:INFORMATION NOT GIVEN BY MANUFACTURER.

Effects of Overexposure:EYES: IRRITATION. SKIN: DRYING, DERMATITIS,  
DEFATTING.

Health Hazards Chronic: INHALATION: NOT KNOWN TO HAVE ADVERSE EFFECTS.

INGESTION: ASPIRATION OF LIQUID OIL INTO LUNGS CAN CAUSE  
PNEUMONITIS.

Medical Conditions Aggravated by Exposure:NONE KNOWN.

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

First Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER. IF IRRITATION  
PERSISTS GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING.  
WASH AREA WITH MILD SOAP AND WATER. OTHERWISE, USE EMOLLIENT CREAM  
IF NEEDED. INHALATION: MOVE TO FRESH AIR

. IF NOT BREATHING GIVE  
CPR. IF BREATHING DIFFICULT, GIVE OXYGEN. GET MEDICAL ATTENTION.  
INGESTION: DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.

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

Flash Point Method:TOC  
Flash Point:115F,46C  
Lower Limits:1.0  
Upper Limits:9.0  
Extinguishing Media:CARBON DIOXIDE, STANDARD FOAM, DRY CHEMICAL.  
Fire Fighting Procedures:USE WATER SPRAY TO COOL FIRE EXPOSED SURFACES.  
WEAR POSITIVE FEED, SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:VAPORS ARE HEAVIER THAN AIR AND MAY  
TRAVEL ALONG THE GROUND. THEY CAN BE IGNITED AT LOCATIONS DISTANT  
FROM HANDLING POINT BY FLAMES, PILOT LIGHTS,ELECTRIC ARCS.

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

Spill Release Procedures:REMOVE SOURCES OF IGNITION. STOP RELEASE OF  
OIL.RECOVER SMALL SPILLS BY MOPPING, VACUUMING, OR WITH INERT  
ABSORBENT MATERIAL. DIKE LARGE SPILLS AND PUMP INTO SALVAGE TANK.  
ABSORB RESIDUE IN INE  
RT ABSORBENT MATERIAL AND SHOVEL INTO  
DISPOSALCONTAINER.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN COOL, DRY WELL VENTILATED  
AREA AWAY FROM SOURCES OF IGNITION. PROTECT FROM PHYSICAL DAMAGE.  
KEEP CONTAINERS CLOSED.  
Other Precautions:CONTAINER MAY BE HAZARDOUS WHEN EMPTIED, SINCE  
CONTAINERS RETAIN PRODUCT RESIDUES (VAPORS, LIQUID AND/OR SOLIDS).

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

Respiratory Protection:NOT NECESSARY IN NORMAL USE. USE NIOSH APPROVED  
RESPIRATOR APPARATUS IF TLV IS EXCEEDED.  
Ventilation:LOCAL EXHAUST USUALLY NOT NEEDED IN OPEN AREAS.  
Protective Gloves:NOT NECESSARY IN NORMAL USE.  
Eye Protection:CHEMICAL SPLASH GOGGLES.  
Other Protective Equipment:NOT NORMALLY NEEDED.  
Work Hygienic Practices:WASH AFTER HANDLING AND BEFORE EATING,  
DRINKING, OR SMOKING. LAUNDRER CONTAMINATED CLOTHING BEFORE REUSE.

S

Supplemental Safety and Health

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

HCC:F4

Boiling Pt:B.P. Text:315F,157C

Vapor Density:3.9(AIR=1)

Spec Gravity:0.83

Solubility in Water:NEGLIGIBLE

Appearance and Odor:GREEN COLOR WITH SHARP ODOR.

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:CARBON

MONOXIDE, CARBON DIOXIDE,

ASPHYXIANTS, AND SMALL QUANTITIES OF CHLORIDES.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:DISPOSE OF WASTE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. MANUFACTURER SUGGESTS ATOMIZING WASTE OIL IN APPROVED INCINERATOR.

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 this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.