

OCTAGON PROCESS -- PENETRATING OIL TYPE I - PENETRATING OIL
MATERIAL SAFETY DATA SHEET
NSN: 9150002234119
Manufacturer's CAGE: 82925
Part No. Indicator: A
Part Number/Trade Name: PENETRATING OIL TYPE I

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General Information
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Item Name: PENETRATING OIL
Company's Name: OCTAGON PROCESS INC.
Company's Street: 596 RIVER ROAD
Company's City: EDGEWATER
Company's State: NJ
Company's Country: US
Company's Zip Code: 07020-1105
Company's Emerg Ph #: 201-945-9400
Company's Info Ph #: 201-945-9400
Distributor/Vendor # 1: AMERICAN WRITING INK CO INC
Distributor/Vendor # 1 Cage: 82956
Record No. For Safety Entry: 014
Tot Safety Entries This Stk#: 016
Status: SE
Date MSDS Prepared: 01APR91
Safety Data Review Date: 12MAY92
Supply Item Manager: CX
MSDS Preparer's Name: IRIS CHARMS
MSDS Serial Number: BDKHJ
Specification Number: A-A-50493
Spec Type, Grade, Class: TYPE I
Hazard Characteristic Code: F8
Unit Of Issue: GL
Unit Of Issue Container Qty: 1 GALLON
Type Of Container: 1P3 METAL
Net Unit Weight: 6.7 LBS

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Ingredients/Identity Information
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Proprietary: NO
Ingredient: ALIPHATIC PETROLEUM SOLVENT
Ingredient Sequence Number: 01
Percent: 50
NIOSH (RTECS) Number: OA5500000
CAS Number: 8008-20-6
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED
Other Recommended Limit: NONE SPECIFIED

Proprietary: NO
Ingredient: MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED LIGHT
NAPHTHENIC/PETROLATUM
Ingredient Sequence Number: 02
Percent: SEE # 3
NIOSH (RTECS) Number: PY8036000
CAS Number: 64742-53-6
OSHA PEL: 5 MG/M3 (OIL MIST)
ACGIH TLV: 5 MG/M3 (OIL MIST)
Other Recommended Limit: NONE SPECIFIED

Proprietary: NO

Ingredient: HYDROTREATED HEAVY NAPHTHENIC DISTILLATE, PETROLEUM (% SHOWN IS FOR INGREDIENTS NUMBER 2 AND 3)
Ingredient Sequence Number: 03
Percent: 50
NIOSH (RTECS) Number: PY8035000
CAS Number: 64742-52-5
OSHA PEL: 5 MG/M3 (OIL MIST)
ACGIH TLV: 5 MG/M3 (OIL MIST)
Other Recommended Limit: NONE SPECIFIED

Proprietary: NO
Ingredient: ADDITIVES PACKAGE
Ingredient Sequence Number: 04
Percent: <1
NIOSH (RTECS) Number: 1003136AP
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED
Other Recommended Limit: NONE SPECIFIED

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Physical/Chemical Characteristics

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Appearance And Odor: PALE YELLOW LIQUID, PETROLEUM LIKE ODOR.
Boiling Point: 338F, 170C
Vapor Pressure (MM Hg/70 F): 1MM HG
Vapor Density (Air=1): UNKNOWN
Specific Gravity: 0.81
Decomposition Temperature: UNKNOWN
Evaporation Rate And Ref: UNKNOWN
Solubility In Water: NEGLIGIBLE
Viscosity: 1.5-10 CST
Corrosion Rate (IPY): UNKNOWN

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Fire and Explosion Hazard Data

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Flash Point: 151F, 66C
Flash Point Method: TCC
Lower Explosive Limit: 0.58
Upper Explosive Limit: 4.45
Extinguishing Media: FOAM, DRY CHEMICAL, CARBON DIOXIDE. DO NOT USE WATER DIRECTLY AS IT MAY SPREAD A BURNING WATER SLICK.
Special Fire Fighting Proc: WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.
Unusual Fire And Expl Hazrds: COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS. KEEP UNINVOLVED CANS COOL AND AWAY FROM HEAT OF FIRE.

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Reactivity Data

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Stability: YES
Cond To Avoid (Stability): HIGH HEAT, OPEN FLAMES AND OTHER SOURCES OF IGNITION
Materials To Avoid: STRONG OXIDANTS (LIQUID CHLORINE, CONCENTRATED OXYGEN, SODIUM OR CALCIUM HYPOCHLORITE)
Hazardous Decomp Products: CARBON MONOXIDE, CARBON DIOXIDE.
Hazardous Poly Occur: NO

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Health Hazard Data

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Route Of Entry - Inhalation: YES

Route Of Entry - Skin: YES

Health Haz Acute And Chronic: ACUTE: IRRITATING TO BODY TISSUES. IF INHALED MAY CAUSE CENTRAL NERVOUS SYSTEM EFFECTS. CHRONIC: SKIN DEFFATING AND DERMATITIS.

Carcinogenicity - NTP: NO

Carcinogenicity - IARC: NO

Carcinogenicity - OSHA: NO

Explanation Carcinogenicity: NOT APPLICABLE

Signs/Symptoms Of Overexp: INHALE:HEADACHE, DIZZINESS. INGEST:NAUSEA EYES:IRRITATION.

Med Cond Aggravated By Exp: NO DATA AVAILABLE.

Emergency/First Aid Proc: EYES: FLUSH WITH WATER FOR 15 MINUTES. IF IRRITATION PERSISTS, SEE DOCTOR. SKIN: WASH WITH SOAP AND WATER. IF ADVERSE SYMPTOMS DEVELOP, SEE DOCTOR. INHALATION: REMOVE TO FRESH AIR. TREAT SYMPTOMATICALLY. INGESTION: DO NOT INDUCE VOMITING. SEEK MEDICAL ASSISTANCE.

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Precautions for Safe Handling and Use

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Steps If Matl Released/Spill: ELIMINATE IGNITION SOURCES. ABSORB W/ NONCOMBUSTIBLE ABSORBANT. PLACE IN SUITABLE METAL CONTAINER FOR WASTE DISPOSAL.

Neutralizing Agent: NOT APPLICABLE

Waste Disposal Method: KEEP IN COVERED DRUMS,PENDING DISPOSAL. HANDLE & DISPOSE IN FULL COMPLIANCE WITH ALL APPLICABLE INTERNATIONAL,FEDERAL,STATE, & LOCAL REGULATIONS.

Precautions-Handling/Storing: KEEP CONTAINERS CLOSED WHEN NOT IN USE. DO NOT HANDLE/STORE NEAR HEAT, SPARKS, OPEN FLAMES. KEEP AWAY FROM OXIDANTS. DO NOT SPLASH WHEN POURING.

Other Precautions: AVOID BREATHING VAPORS. DISCARD ANY OIL CONTAMINATED CLOTHING. DISEMINATE THE INFORMATION ON THIS MSDS TO ALL WHO MAY USE THIS PRODUCT.

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Control Measures

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Respiratory Protection: NONE NORMALLY REQUIRED. USE SUPPLIED AIR-RESPIRATORY PROTECTION IN CONFINED OR ENCLOSED SPACES.

Ventilation: USE LOCAL EXHAUST VENTILATION TO KEEP EXPOSURE LEVEL BELOW PEL/TLV.

Protective Gloves: CHEMICAL RESISTANT TYPE.

Eye Protection: SAFETY GOGGLES AND/OR FACE SHIELD.

Other Protective Equipment: IMPERVIOUS APRON,EYE-WASH FOUNTAIN,SAFETY SHOWER.

Work Hygienic Practices: WASH HANDS AND FACE AFTER USING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Suppl. Safety & Health Data: NONE.

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Transportation Data

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Trans Data Review Date: 92133

DOT PSN Code: ZZZ

DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

IMO PSN Code: ZZZ

IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION

IATA PSN Code: ZZZ

IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

AFI PSN Code: ZZZ

AFI Prop. Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

N.O.S. Shipping Name: PETROLEUM HYDROCARBONS

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Disposal Data

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Disposal Data Review Date: 88179
Rec # For This Disp Entry: 01
Tot Disp Entries Per NSN: 001
Landfill Ban Item: YES
Disposal Supplemental Data: UNDATED MSDS RECD 22JUN84. IN CASE OF
ACCIDENTAL EXPOSURE OR DISCHARGE, CONSULT HEALTH AND SAFETY FILE FOR
PRECAUTIONS.
1st EPA Haz Wst Code New: D001
1st EPA Haz Wst Name New: IGNITIBLE
1st EPA Haz Wst Char New: IGNITABILITY
1st EPA Acute Hazard New: NO
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Label Data

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Label Required: YES
Technical Review Date: 12MAY92
Label Status: F
Common Name: PENETRATING OIL TYPE I
Chronic Hazard: NO
Signal Word: WARNING!
Acute Health Hazard-Slight: X
Contact Hazard-Slight: X
Fire Hazard-Moderate: X
Reactivity Hazard-None: X
Special Hazard Precautions: COMBUSTIBLE LIQUID. CONTAINS MIXTURE OF
PETROLEUM HYDROCARBON SOLVENT AND LIGHT WEIGHT OIL. LIQUID CONTACT MAY
CAUSE EYES AND SKIN IRRITATION. VAPOR INHALATION MAY CAUSE RESPIRATORY
TRACT IRRITATION. MAY CAUSE DIZZINESS, LIGHT HEADEDNESS, POSSIBLE CNS
DEPRESSION. HARMFUL IF SWALLOWED. GET MEDICAL ASSISTANCE IF SYMPTOMS
PERSIST. AVOID CONTACT WITH SKIN AND CLOTHING. KEEP TIGHTLY CLOSED WHEN NOT
IN USE. KEEP AWAY FROM HEAT AND ALL SOURCES OF IGNITION. IN CASE OF FIRE,
USE WATER SPRAY, FOAM, DRY CHEMICAL, OR CARBON DIOXIDE. USE IN WELL
VENTILATED AREA. DO NOT FLUSH SPILLED MATERIAL TO SEWER. AVOID BREATHING
VAPOR. LAUNDER CONTAMINATED CLOTHES.
Protect Eye: Y
Protect Skin: Y
Protect Respiratory: Y
Label Name: OCTAGON PROCESS INC.
Label Street: 596 RIVER ROAD
Label City: EDGEWATER
Label State: NJ
Label Zip Code: 07020-1105
Label Country: US
Label Emergency Number: 201-945-9400
Year Procured: 1991
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