

MSDS-OIL SPOTTER

MANUFACTURER: AMERICAN NIAGARA For Chemical Emergency, Spill, Leak, Fire
6750 JONES MILL COURT Exposure, or Accident Call

CHEMTREC

BLDG. E DAY OR NIGHT 1-800-424-9300.
NORCROSS GEORGIA USA 30092
PHONE: 770-441-5900
FAX: 770-409-7259 OR 7240

OIL SPOTTER (STAIN REMOVER FOR TEXTILES)

PERCHLOROETHYLENE; TETRACHLOROETHYLENE - TETRACHLOROETHYLENE, TECHNICAL
MATERIAL SAFETY DATA SHEET
Manufacturer's CAGE: 96717
Part Number/Trade Name: TETRACHLOROETHYLENE

General Information

Date MSDS Prepared: 29FEB00
Safety Data Review Date: 11FEB01
Hazard Characteristic Code: T4
Unit Of Issue: DR
Unit Of Issue Container Qty: 700 LBS
Type Of Container: DRUM
Net Unit Weight: 700 LBS
NRC/State License Number: NOT RELEVANT

Ingredients/Identity Information

Proprietary: NO
Ingredient: PERCHLOROETHYLENE (TETRACHLOROETHYLENE) (SARA 313) (CERCLA)
Ingredient Sequence Number: 01
Percent: 99.9
NIOSH (RTECS) Number: KX3850000
CAS Number: 127-18-4
OSHA PEL: 100 PPM, Z-2
ACGIH TLV: 25PPM/100STEL,A3; 96
Other Recommended Limit: NONE RECOMMENDED

Physical/Chemical Characteristics

Appearance And Odor: CLEAR, COLORLESS LIQUID - IRRITATING ODOR
Boiling Point: 250F,121C
Melting Point: -8F,-22C
Vapor Pressure (MM Hg/70 F): 13 @ 68F
Vapor Density (Air=1): 5.76
Specific Gravity: 1.619
Decomposition Temperature: UNKNOWN
Evaporation Rate And Ref: UNKNOWN
Solubility In Water: 0.015 % @ 25C/77F
Percent Volatiles By Volume: 99.9
Viscosity: UNKNOWN
Radioactivity: NOT RELEVANT

Corrosion Rate (IPY): UNKNOWN

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Fire and Explosion Hazard Data  
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Flash Point: NONE

Lower Explosive Limit: NOT RELEVANT

Upper Explosive Limit: NOT RELEVANT

Extinguishing Media: WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL FOR SURROUNDING FIRE. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

Special Fire Fighting Proc: WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS. HAZARDOUS DECOMPOSITION PRODUCTS MAY BE FORMED.

Unusual Fire And Expl Hazrds: TOXIC AND CORROSIVE GASES MAY BE FORMED.

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Reactivity Data  
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Stability: YES

Cond To Avoid (Stability): EXCESSIVE HEAT, OPEN FLAMES, WELDING ARCS, DIRECT SUNLIGHT, ULTRAVIOLET SOURCES

Materials To Avoid: STRONG ALKALIS, STRONG OXIDIZING AGENTS, AMINES, ALUMINUM POWDER, MAGNESIUM POWDER, ZINC POWDER, SODIUM, POTASSIUM

Hazardous Decomp Products: HYDROGEN CHLORIDE, PHOSGENE, CARBON MONOXIDE, CARBON DIOXIDE, CHLORINE

Hazardous Poly Occur: NO

Conditions To Avoid (Poly): NOT RELEVANT

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Health Hazard Data  
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LD50-LC50 Mixture: LD50 (ORAL, RAT) IS >5000 MG/KG.

Route Of Entry - Inhalation: YES

Route Of Entry - Skin: YES

Route Of Entry - Ingestion: NO

Health Haz Acute And Chronic: TARGET ORGANS:CNS, LIVER, KIDNEYS, RESPIRATORY SYSTEM. ACUTE- MAY BE ABSORBED THROUGH SKIN. MAY CAUSE EYE IRRITATION & PAIN. ASPIRATION HAZARD IF SWALLOWED. EXCESSIVE INHALATION MAY CAUSE CNS EFFECTS, MYOCARDIAL IRRITABILITY. CHRONIC- MAY CAUSE LIVER & KIDNEY DAMAGE BASED ON ANIMAL STUDIES.

Carcinogenicity - NTP: YES

Carcinogenicity - IARC: NO

Carcinogenicity - OSHA: NO

Explanation Carcinogenicity: CARCINOGEN PER MSDS.

Signs/Symptoms Of Overexp: IRRITATION, HEADACHE, DIZZINESS, NAUSEA, VOMITING, DROWSINESS, TEARNING, BLURRED VISION, PAIN, IRREGULAR HEARTBEAT

Med Cond Aggravated By Exp: INDIVIDUALS WITH PRE-EXISTING DISEASES OF THE EYE, SKIN, RESPIRATORY TRACT, LIVER, KIDNEYS, CNS MAY HAVE INCREASED SUSCEPTIBILITY TO THE TOXICITY OF EXCESSIVE EXPOSURES.

Emergency/First Aid Proc: GET MEDICAL HELP IF SYMPTOMS PERSIST.

INHALED:MOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. SKIN:WASH WITH PLENTY OF SOAP & WATER. ORAL:DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION IMMEDIATELY.

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Precautions for Safe Handling and Use  
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Steps If Matl Released/Spill: WEAR PROTECTIVE EQUIPMENT. VENTILATE AREA. ABSORB SPILL WITH INERT MATERIAL SUCH AS SAND OR USE PUMP. PLACE IN A

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CONTAINER FOR DISPOSAL. CLEAN AREA THOROUGHLY TO REMOVE RESIDUAL CONTAMINATION. PREVENT RUNOFF FROM ENTERING SEWERS OR WATERWAYS.

Neutralizing Agent: NOT RELEVANT

Waste Disposal Method: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. RECYCLE OR CONTRACT WITH A LICENSED WASTE DISPOSAL AGENCY.

Precautions-Handling/Storing: STORE IN COOL, VENTILATED AREA, AWAY FROM FLAMES & INCOMPATIBLE MATERIALS. KEEP CONTAINER TIGHTLY CLOSED. DO NOT STORE IN ALUMINUM CAN OR PLASTIC.

Other Precautions: AVOID BREATHING VAPORS. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR DRINKING. DO NOT EAT OR DRINK NEAR THIS PRODUCT.

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Control Measures  
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Respiratory Protection: IF ENGINEERING CONTROLS DO NOT MAINTAIN AIRBORNE CONCENTRATIONS TO AN ACCEPTABLE LEVEL, A NIOSH-APPROVED AIR-SUPPLIED RESPIRATOR MUST BE WORN.

Ventilation: USE GENERAL OR LOCAL EXHAUST VENTILATION TO MEET TLV REQUIREMENTS.

Protective Gloves: NEOPRENE

Eye Protection: SAFETY GLASSES WITH SIDE SHIELD/GOGGLES

Other Protective Equipment: EYE BATH, SAFETY SHOWER, WASHING FACILITIES

Work Hygienic Practices: OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Suppl. Safety & Health Data: NOTE TO PHYSICIAN: IN CASE OF INGESTION, GASTRIC LAVAGE MAY BE USED. THE USE OF AN INTRATRACHEAL TUBE PREVENTS ASPIRATION. INDIVIDUALS INTOXICATED SHOULD BE HOSPITALIZED FOR OBSERVATION AND DELAYED EFFECTS ON BLOOD, HEART AND LUNGS. HYDROCARBONS MAY SENSITIZE HEART TO CATECHOLAMINES.

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Transportation Data  
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Trans Data Review Date: 98042

DOT PSN Code: NYB

DOT Proper Shipping Name: TETRACHLOROETHYLENE

DOT Class: 6.1

DOT ID Number: UN1897

DOT Pack Group: III

DOT Label: KEEP AWAY FROM FOOD

DOT/DoD Exemption Number: NOT RELEVANT

IMO PSN Code: OJV

IMO Proper Shipping Name: TETRACHLOROETHYLENE

IMO Regulations Page Number: 6264

IMO UN Number: 1897

IMO UN Class: 6.1

IMO Subsidiary Risk Label: -

IATA PSN Code: XOW

IATA UN ID Number: 1897

IATA Proper Shipping Name: TETRACHLOROETHYLENE

IATA UN Class: 6.1

IATA Label: TOXIC

AFI PSN Code: XOW

AFI Prop. Shipping Name: TETRACHLOROETHYLENE

AFI Class: 6.1

AFI ID Number: UN1897

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AFI Pack Group: III  
AFI Special Prov: P5, N36  
AFI Basic Pac Ref: A10.5  
Additional Trans Data: REPORTABLE QUANTITY (RQ): 100 POUNDS. THIS IS  
REPORTABLE QUANTITY.

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Disposal Data  
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Disposal Data Review Date: 88228  
Rec # For This Disp Entry: 03  
Tot Disp Entries Per NSN: 003  
Landfill Ban Item: YES  
Disposal Supplemental Data: UPDATE PER OSHA HCS MSDS DTD 10 APRIL 85 IN  
CASE OF ACCIDENTAL EXPOSURE OR DISCHARGE, CONSULT HEALTH AND SAFETY FILE  
FOR PRECAUTIONS.  
1st EPA Haz Wst Code New: U210  
1st EPA Haz Wst Name New: TETRACHLOROETHYLENE; 1,1,2,2- TETRACHLOROETHENE  
1st EPA Haz Wst Char New: TOXIC (T)  
1st EPA Acute Hazard New: NO

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Label Data  
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Label Required: YES  
Technical Review Date: 11FEB98  
Label Date: 29FEB96  
MFR Label Number: UNKNOWN  
Label Status: G  
Common Name: TETRACHLOROETHYLENE  
Signal Word: WARNING!  
Acute Health Hazard-Moderate: X  
Contact Hazard-Moderate: X  
Fire Hazard-None: X  
Reactivity Hazard-None: X  
Special Hazard Precautions: TARGET ORGANS:CNS, LIVER, KIDNEYS, RESPIRATORY  
SYSTEM. ACUTE- MAY BE ABSORBED THROUGH SKIN. MAY CAUSE EYE IRRITATION &  
PAIN. ASPIRATION HAZARD IF SWALLOWED. INHALATION MAY CAUSE CNS EFFECTS.  
CHRONIC- MAY CAUSE LIVER & KIDNEY DAMAGE. STORE IN VENTILATED AREA, AWAY  
FROM FLAMES & INCOMPATIBLES. ABSORB SPILL WITH INERT MATERIAL/USE PUMP.  
PLACE IN A CONTAINER FOR DISPOSAL. FIRST AID- GET MEDICAL HELP IF SYMPTOMS  
IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. SKIN:WASH  
WITH PLENTY OF SOAP & WATER. ORAL:DO NOT INDUCE VOMITING. GET MEDICAL  
ATTENTION IMMEDIATELY.  
Protect Eye: Y  
Protect Skin: Y  
Protect Respiratory: Y