

MONSANTO CO -- SANTOVAC 5 VACUUM PUMP FLUID

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MSDS Safety Information
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FSC: 9150
NIIN: 01-337-8179
MSDS Date: 06/12/1995
MSDS Num: CFWSL
Product ID: SANTOVAC 5 VACUUM PUMP FLUID
MFN: 02
Responsible Party
Cage: 76541
Name: MONSANTO CO
Address: 800 N LINDBERGH BLVD
City: ST LOUIS MO 63167

Info Phone Number: 314-694-6661
Emergency Phone Number: 800-424-9300(CHEMTREC)
Proprietary Ind: Y
Published: Y

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Contractor Summary
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Cage: 76541
Name: MONSANTO COMPANY
Address: 800 N LINDBERGH BLVD
City: SAINT LOUIS MO 63167
Phone: 314-694-6661 OR 800-332-3111

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Item Description Information
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Item Manager: S9G
Item Name: LUBRICANT,VACUUM
Unit of Issue: BT
Quantitative Expression: 00000000500ML
UI Container Qty: 0

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Ingredients
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Name: *** PROPRIETARY ***

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Health Hazards Data
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LD50 LC50 Mixture: LD50 (ORAL, RAT): >10,000

MG/KG
Route Of Entry Inds - Inhalation: YES
Skin: YES
Ingestion: YES
Carcinogenicity Inds - NTP: NO
IARC: NO
OSHA: NO
Effects of Exposure: NO SIGNIFICANT HAZ ASSOCD W/THIS MATL. OCCUP EXPOS TO THIS MATL HAS NOT BEEN RPTD TO CAUSE SIGNIFICANT ADVERSE HLTH EFTS. ON THE BASIS OF AVAIL INFO, EXPOS TO SANTOVAC 5 VACUUM PUMP FLUID IS NOT EXPECTED TO PRDCE SIGNIFICANT ADVERSE HUMAN HLTH EFTS WHEN REC SAFETY PRECS ARE FOLLOWED. TOXICOLOGICAL (EFTS OF OVEREXP)
Explanation Of Carcinogenicity: NOT RELEVANT.

Signs And Symptions Of Overexposure: HLTH HAZ:INFO:IN A CONTROLLED SKIN CONTACT STUDY, NO SKIN IRRITATION (PRIMARY/CUMULATIVE)/SKIN ALLERGY WAS OBSERVED IN HUMANS FOLLOWING RPTD EXPOS TO A POLYPHENYL ETHER FORMULATION SIMILAR TO SANTOVAC 5 VACUUM PUMP FLUID. INCRS IN LIVER WEIGHTS & LIVER/BODY WEIGHT RATIOS W/ACCOMPANYING INCR IN LIVER (SUPDAT)

Medical Cond Aggravated By Exposure: NONE SPECIFIED BY MANUFACTURER.

First Aid: EYES:IMMEDIATELY FLUSH W/POTABLE WATER FOR A MINIMUM OF 15 MINUTES, SEEK ASSISTANCE FROM MD (FP N). SKIN:FLUSH W/COPIOUS AMOUNTS OF WATER. CALL MD (FP N). WASH HEAVILY CONTAMINATED CLOTHING BEFORE REUSE. INHAL:REMOVE TO FRESH AIR. REMOVE MATERIAL FROM EYES, SKIN AND CLOTHING. INGEST:A PHYSICIAN OR POISON CONTROL CENTER CAN BE CONTACTED FOR ADVICE.

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Handling and Disposal
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Spill Release Procedures: CONTAIN LARGE SPILLS W/DIKES & TRANSFER THE MATL TO APPROPRIATE CNTNRS FOR RECLAMATION/DISPOSAL. ABSORB REMAINING MATERIAL/SMALL SPILLS WITH AN INERT MATERIAL AND THEN PLACE IN A CHEMICAL WASTE CONTAINER. FLUSH RESIDUAL SPILL AREA WITH WATER.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods: PROD TO BE DISPOSED OF, SPILLED LIQ PROD/SPILLS ABSORBED ON A SOLID MEDIUM MAY BE CLASSIFIED AS "HAZ WASTE" (DO18) DUE TO THE PRESENCE OF BENZENE OVER 0.5 MG/L. WASTE SHOULD BE ANALYZED I/A/W/METHOD 1

311 TOXICITY CHARACTERISTIC LEACHING

Handling And Storage Precautions: HANDLE I/A/W/GOOD INDUS HYGIENE & SAFETY PRACTICES. THESE PRACTICES INCLUDE AVOIDING UNNECESSARY EXPOSURE & REMOVE OF MATL FROM EYES, SKIN & CLOTHING.

Other Precautions: EMPTIED CONTAINER RETAINS VAPOR AND PRODUCT RESIDUE. OBSERVE ALL LABELED SAFEGUARDS UNTIL CONTAINER IS CLEANED, RECONDITIONED, OR DESTROYED. PRODUCT IS STABLE UNDER NORMAL CONDITIONS OF STORAGE AND HANDLING.

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Fire and Explosion Hazard Information
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Flash Point Method: COC

Flash Point Text: 550F,288C

Extinguishing Media: IN CASE OF FIRE, USE WATER SPRAY (FOG), FOAM, DRY CHEMICAL, OR CO*2.

Fire Fighting Procedures: USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT (FP N). FIRE FIGHTING EQUIPMENT SHOULD BE THOROUGHLY DECONTAMINATED AFTER USE.

Unusual Fire/Explosion Hazard: NONE KNOWN.
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Control Measures
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Respiratory Protection: AVOID BRTHG MIST. USE NIOSH APPRVD RESP PROT EQUIP WHEN AIRBORNE EXPOS IS EXCESSIVE. CONSULT RESP MFR TO DETERM APPROP TYPE EQUIP FOR GIVEN APPLICATION. OBSERVE RESP USE LIMITATION SPECIFIED BY NIOSH/ MFR. RESP PROT PROGRAMS MUST

Ventilation: PROVIDE NATURAL/MECH VENT TO MINIMIZE EXPOS. IF PRACTICAL, USE LOCAL MECH EXHST VENT AT SOURCES OF AIR

Protect

ive Gloves: IMPERVIOUS GLOVES (FP N).

Eye Protection: ANSI APPROVED CHEM WORKERS GOGGS (FP N).

Other Protective Equipment: EYE WASH FOUNTAIN & DELUGE SHOWER WHICH MEET ANSI DESIGN CRITERIA (FP N).

Work Hygienic Practices: WASH HANDS AND CONTAMINATED SKIN THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health: USERS OF "L" VERSION OF SHOULD CONSULT "LR" VERSION FOR ADDITIONAL INFO (FP N). SPEC GRAV:1.195-1.201 @ 25/25C.

PH:NEUTRAL. SOL IN H*2O:SOLUBLE IN ACETONE AND LIGHT AROMATIC SOL

VENTS;

INSOLUBLE I N WATER. EFTS OF OVEREXP:CELL SIZE, CONSIDERED TO BE RELEATED TO INCREASED LIVER METHABOLIC ACTIVITY &

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Physical/Chemical Properties
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B.P. Text: 889F,476C

Vapor Density: 15.5

Spec Gravity: SUPDAT

PH: SUPDAT

Solubility in Water: SUPDAT

Appearance and Odor: LIGHT YELLOW ESSENTIALLY CLEAR LIQUID; ODORLESS TO SLIGHT PHENOLIC
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Reactivity Data

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Stability Indicator: YES

Stability Condition To Avoid: NONE SPECIFIED BY MANUFACTURER.

Materials To Avoid: EXPOSURE TO HIGHLY OXIDIZING AGENTS SHOULD BE AVOIDED.

Hazardous Decomposition Products: CONTINUED USE AT TEMP ABOVE 425C MAY RSLT IN THE FORMING OF BENZENE & PHENOL. IF THE PROD IS BURNED, COMPLETE

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: NOT RELEVANT.

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Toxicological Information

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Ecological Information

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MSDS Transport Information

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Regulatory Information

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Other Information

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Transportation Information

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Responsible Party Cage: 76541

Trans ID NO: 127023

Product ID: SANTOVAC 5 VACUUM PUMP FLUID

MSDS Prepared Date: 06/12/1995

Review Date: 02/23/1998

MFN: 2

Multiple KIT Number: 0

Review IN

D: Y

Unit Of Issue: BT

Container QTY: 0

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Detail DOT Information

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DOT PSN Code: ZZZ

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

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Detail IMO Information

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IMO PSN Code: ZZZ

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

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Detail IATA Information
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IATA PSN Code: ZZZ

IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
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Detail AFI Information
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AFI PSN Code: ZZZ

AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
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HAZCOM Label
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Product ID: SANTOVAC 5 VACUUM PUMP FLUID

Cage: 76541

Company Name: MONSANTO COMPANY

Street: 800 N LINDBERGH BLVD

City: SAINT LOUIS MO

Zipcode: 63167

Health Emergency Phone: 800-424-9300(CHEMTREC)

Label Required IND: Y

Date Of Label Review: 12/04/1997

Status Code: C

Label Date: 12/04/1997

Origination Code: G

Eye Protection IND: YES

Skin Protection IND: YES

Signal Word: CAUTION

Respiratory Protection IND: YES

Health Hazard: None

Contact Hazard: None

Fire Hazard: Slight

Reactivity Hazard: None

Hazard And Precautions: COMBUSTIBLE. ACUTE & CHRONIC: NONE SPECIFIED BY
MANUFACTURER.
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