

MONSANTO CO -- SANTOVAC 5 VACUUM PUMP FLUID

MSDS Safety Information

FSC: 9150

NIIN: 01-337-8179

MSDS Date: 06/12/1995

MSDS Num: CJLMG

Product ID: SANTOVAC 5 VACUUM PUMP FLUID

MFN: 03

Responsible Party

Cage: 76541

Name: MONSANTO CO

Address: 800 N LINDBERGH BLVD

Box: 5008

City: ST LOUIS MO

O 63167

Info Phone Number: 314-694-6661

Emergency Phone Number: 314-694-6661

Chemtrec IND/Phone: (800)424-9300

Proprietary Ind: Y

Review Ind: Y

Published: Y

Contractor Summary

Cage: 4G302

Name: FINDETT CORPORATION

Address: 8 GOVERNOR DRIVE

City: ST CHARLES MO 63301

Phone: 314-723-0240

Cage: 29145

Name: KURT J LESKER CO

Address: 1515 WORTHINGTON AVE

City: CLAIRTON PA 15025

Phone: 412-2

33-4200

Cage: 76541

Name: MONSANTO COMPANY

Address: 800 N LINDBERGH BLVD

City: SAINT LOUIS MO 63167

Phone: 314-694-6661 OR 800-332-3111

Item Description Information

Item Manager: S9G

Item Name: LUBRICANT,VACUUM

Unit of Issue: BT

Quantitative Expression: 00000000500ML

UI Container Qty: 0

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

Skin: YES

Effects of Exposure: TARGET ORGANS: N/P. NO SIGNIFICANT HAZARD ASSOCIATED WITH THIS MATERIAL. POTENTIAL HEALTH EFFECTS: OCCUPATIONAL EXPOSURE TO THIS MATERIAL HAS NOT BEEN REPORTED TO CAUSE SIGNIFICANT ADVERSE HEALTH EFFECTS.

ON THIS BASIS OF AVAILABLE INFORMATION, EXPOSURE TO SANTOVAC 5 VACUUM PUMP FLUID IS NOT EXPECTED TO PRODUCE SIGNIFICANT ADVERSE HUMAN HEALTH EFFECTS WHEN RECOMMENDED SAFETY PRECAUTIONS.

First Aid: IF IN EYES OR ON SKIN, IMMEDIATE FIRST AID IS NOT LIKELY TO BE REQUIRED. HOWEVER, THIS MATERIAL CAN BE REMOVED WITH WATER. WASH HEAVILY CONTAMINATED CLOTHING BEFORE REUSE. IF INHALED, IMMEDIATE FIRST AID IS NOT LIKELY TO BE REQUIRED. HOWEVER, IF SYMPTOMS OCCUR, REMOVE TO FRESH AIR.

REMOVE MATERIAL FROM EYES, SKIN AND CLOTHING. IF SWALLOWED: IMMEDIATE FIRST AID IS NOT LIKELY TO BE REQUIRED. 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 WITH DIKES AND TRANSFER THE MATERIAL TO APPROPRIATE CONTAINERS FOR RECLAMATION OR DISPOSAL. ABSORB REMAINING MATERIAL OR SMALL SPILLS

WITH AN INERT MATERIAL AND THEN PLACE IN

APPROPRIATE CHEMICAL WASTE CONTAINERS. FLUSH RESIDUAL SPILL AREA WITH WATER.

Waste Disposal Methods: PRODUCT MAY BE CLASSIFIED AS "HAZARDOUS WASTE" (D018) DUE TO BENZENE OVER 0.5 MG/L. WASTE PRODUCT MAY ALSO BE CLASSIFIED AS WASTE OIL UNDER STATE AND FEDERAL REGULATIONS. ANY DISCARD PRODUCT, WHETHER "HAZARDOUS WASTE" OR NOT, SHOULD BE INCINERATED IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS. CONSULT YOUR ATTORNEY.

Handling And Storage

Storage Precautions: PRODUCT IS STABLE UNDER NORMAL CONDITIONS OF STORAGE AND HANDLING.

Other Precautions: HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICES. THESE PRACTICES INCLUDE AVOIDING UNNECESSARY EXPOSURE AND REMOVAL OF MATERIAL FROM EYES, SKIN AND CLOTHING.

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Fire and Explosion Hazard Information

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Flash Point Method: TOC

Flash Point: =287.8C, 550.F

Autoignition

Flammability Temp: =612.8C, 1135.F

Extinguishing Media: IN CASE OF FIRE, USE WATER SPRAY (FOG), FOAM, DRY
CHEMICAL, OR CO2.

Fire Fighting Procedures: FIRE FIGHTERS AND OTHERS EXPOSED TO PRODUCTS OF
COMBUSTION SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS. 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 BREATHING MIST. USE NIOSH/MSHA APPROVED
RESPIRATORY PROTECTION EQUIPMENT WHEN AIRBORNE EXPOSURE IS EXCESSIVE.
CONSULT

RESPIRATOR MANUFACTURER TO DETERMINE APPROPRIATE TYPE EQUIPMENT FOR GIVEN A
APPLICATION. OBSERVE RESPIRATOR USE LIMITATIONS SPECIFIED BY NIOSH/MSHA OR THE
MANUFACTURER. RESPIRATORY PROTECTION PROGRAMS MUST COMPLY WITH 29 CFR
1910.134

Ventilation: PROVIDE NATURAL OR MECHANICAL VENTILATION TO MINIMIZE EXPOSURE. IF
PRACTICAL, USE LOCAL MECH
ANICAL EXHAUST VENTILATION AT SOURCES.

Protective Gloves: WEARING PROTECTIVE GLOVES IS RECOMMENDED.

Eye Protection: USE GOOD INDUSTRIAL PRACTICE TO AVOID EYE CONTACT.

Other Protective Equipment: ALTHOUGH IT DOES NOT PRESENT A SIGNIFICANT SKIN
CONCERN, MINIMIZE SKIN CONTAMINATION BY FOLLOWING GOOD INDUSTRIAL PRACTICES.

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

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Physical/Chemical Properties
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HCC: V6

Boiling Point: =476.C, 888.8F

Melt/Freeze Pt: =4.4C, 40.F

Vapor Density: 15.5

Spec Gravity: 1.195-1.201

PH: NEUTRAL

Solubility in Water: INSOLUBLE IN WATER

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: PRODUCT IS ST

ABLE UNDER NORMAL STORAGE AND
HANDLING CONDITIONS.

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

Hazardous Decomposition Products: ABOVE 425C MAY FORM BENZENE AND PHENOL. IF
BURNED COMPLETELY, FORMS CARBON DIOXIDE AND WATER. INCOMPLETE COMBUSTION
PRODUCES CARBON MONOXIDE, SMOKE, SOOT, AND LOW MOLECULAR WEIGHT
HYDROCARBONS.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: DOES NOT OCCUR.

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Toxicological Information

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Toxicological Information: ORAL: PRACTICALLY NONTOXIC. DERMAL: PRACTICALLY
NONTOXIC (RABBIT LD50 > 5,000 MG/KG). EYE IRRITATION: PRACTICALLY
NONIRRITATING (RABBIT, 0.1/110.0). SKIN IRRITATION: PRACTICALLY NONIRRITATING
(RABBIT, 24-HR EXPOSURE, 0.4/8.0)

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Ecological Information

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Regulatory Information

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Federal Regulatory Information: TSCA INVENTORY: ALL COMPONENTS ARE LISTED.

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Other Information

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Transportation Information

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Responsible Party Cage: 7654

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Trans ID NO: 147928

Product ID: SANTOVAC 5 VACUUM PUMP FLUID

MSDS Prepared Date: 06/12/1995

Review Date: 09/03/1999

MFN: 3

Net Unit Weight: 1.3 LBS

Multiple KIT Number: 0

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: 314-694-6661

Label Required IND: Y

Date Of Label Review: 09/03/1999

Status Code: A

Origin

ation Code: F

Eye Protection IND: NO

Skin Protection IND: NO

Signal Word: CAUTION

Respiratory Protection IND: NO

Health Hazard: Slight

Contact Hazard: Slight

Fire Hazard: None

Reactivity Hazard: None

Hazard And Precautions: TARGET ORGANS: N/P. NO SIGNIFICANT HAZARD ASSOCIATED

WITH THIS MATERIAL. POTENTIAL HEALTH EFFECTS: OCCUPATIONAL EXPOSURE TO THIS MATERIAL HAS NOT BEEN REPORTED TO CAUSE SIGNIFICANT ADVERSE HEALTH EFFECTS. ON THIS BASIS OF AVAILABLE INFORMATION, EXPOSURE TO SANTOVAC 5 V

ACUUM PUMP

FLUID IS NOT EXPECTED TO PRODUCE SIGNIFICANT ADVERSE HUMAN HEALTH EFFECTS
WHEN RECOMMENDED SAFETY PRECAUTIONS.

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