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Material Safety Data Sheet

Name DE-SOLV-IT CITRUS SOLUTION

MSDS ckrkv

Company ORANGE-SOL HOUSEHOLD PRODUCTS

FSC 0000

MSDS Safety Information

MSDS Date: 08/30/1991
 MSDS Num: CKRKV
 Product ID: DE-SOLV-IT CITRUS SOLUTION
 MFN: 01
 Responsible Party
 Cage: TO871
 Name: ORANGE-SOL HOUSEHOLD PRODUCTS INC
 Address: 955 N. FIESTA BLVD., SUITE #1
 City: GILBERT AZ 85233
 Info Phone Number: 602-497-8822
 Emergency Phone Number: 602-497-8822 (8-4PM MST)

Fast F

- ▶ Confined Spac
- ▶ Lockout Chec
- ▶ CFR - 1910 L
Fire Protector
- ▶ Asbestos Fact
- ▶ Traffic Signs
- ▶ Parking Signs
- ▶ Industrial Sign
- ▶ Tags

Ingredients

Name: *** PROPRIETARY ***

Health Hazards Data

LD50 LC50 Mixture: ORAL LD50(RAT): ANDgt;17,750 MG/KG (16 ML/KG)
 Skin: YES
 Ingestion: YES
 Carcinogenicity Inds - NTP: NO
 IARC: NO
 OSHA: NO
 Effects of Exposure: VAPOR INHALATION: NOT CONSIDERED A HAZARD. EYE: CONTACT IS NOT IRRITATING. SKIN: ORDINARY CONTACT WITH NORMAL INDIVIDUALS IS NOT CONSIDERED HAZARDOUS. INGESTION: IF SWALLOWED, MAY CAUSE LAXATIVE EFFEC T. NOT CONSIDERED HAZARDOUS. CHRONIC: EYE/SKIN/INGESTION: NONE KNOWN. VAPOR INHALATION: NOT CONSIDERED HAZARDOUS.
 Signs And Symptions Of Overexposure: NONE KNOWN IN NORMAL INDIVIDUALS.
 Medical Cond Aggravated By Exposure: CONTACT MAY AGGRAVATE DERMITITIS IN SENSITIVE INDIVIDUALS.
 First Aid: EYE: FLUSH WITH WATER FOR 15 MINUTES. SKIN: FLUSH SKIN WITH WATER AND REMOVE SOILED CLOTHING AND SHOES. WASH CONTAMINATED SKIN WITH MILD SOAP AND WATER. INGESTION: IN CASE OF INGESTION, DO NOT INDUCE VOMITING. MAY BE HARMFUL OR FATAL IF ASPIRATED INTO THE LUNGS. IF THE LIQUID IS ASPIRATED INTO THE LUNGS, GET IMMEDIATE MEDICAL HELP. INHALATION: NOR SPECIAL REQUIREMENTS.

Handling and Disposal

Spill Release Procedures: WIPE UP AND PLACE IN WASTE CONTAINER.
 Waste Disposal Methods: THE PRODUCT IS BIODEGRADABLE. DISPOSE LIQUID WASTES IN THE DRAIN OR WIPE UP AND DISPOSE IN A WASTE CONTAINER ACCORDING TO APPROVED METHODS.
 Handling And Storage Precautions: KEEP AWAY FROM OPEN FLAME OR OTHER IGNITION SOURCES. KEEP OUT OF REACH OF CHILDREN.
 Other Precautions: PRODUCT MIXTURE (U.S. PATENT RE #29,649) THE PRODUCT HAS A FLASH POINT OF 205C (C.O.C.) NO OTHER HAZARDS AS PER OSHA 29CFR 1910.1200.



Fire and Explosion Hazard Information

Flash Point Method: COC

Flash Point: =96.1C, 205.F

Autoignition Temp: =357.2C, 675.F

Lower Limits: 18

Extinguishing Media: WATER FOG, CARBON DIOXIDE, DRY CHEMICAL, FOAM

Fire Fighting Procedures: DO NOT USE IN STREAMS OF WATER. THIS MAY CAUSE BURNING LIQUID TO SPREAD. USE SELF-CONTAINED BREATHING EQUIPMENT IN ANY CLOSED AREA.

Unusual Fire/Explosion Hazard: MAY PRODUCE DENSE, BLACK SMOKE. STAY UPWIND OF A FIRE.

Control Measures

Respiratory Protection: NO SPECIAL REQUIREMENTS.

Ventilation: ADEQUATE GENERAL VENTILATION. OTHERWISE NO SPECIAL CONTROLS.

Protective Gloves: NITRILE GLOVES FOR SENSITIVE PERSONS

Eye Protection: NOT REQUIRED.

Work Hygienic Practices: DO NOT INGEST.

Physical/Chemical Properties

HCC: F3

Boiling Point: =213.3C, 416.F

Melt/Freeze Pt: =-51.1C, -60.F

Vapor Pres: 0.15 PSI

Vapor Density: 4.5

Spec Gravity: 0.799

Viscosity: 1.73 CPS

Evaporation Rate ANDamp; Reference: 0.06 (BUAC=1)

Solubility in Water: NEGLIGIBLE

Appearance and Odor: A CLEAR COLORLESS LIQUID WITH CITRUS ODOR.

Reactivity Data

Stability Indicator: YES

Materials To Avoid: STRONG OXIDIZING AGENTS

Hazardous Decomposition Products: CARBON DIOXIDE AND/OR CARBON MONOXIDE

Hazardous Polymerization Indicator: NO

Toxicological Information

Toxicological Information: TOXICITY TESTS: ALL TEST DATA ARE AVAILABLE ON

REQUEST. TEST: ORAL: LD50 GREATER THAN 17,750 MG/KG (ANDgt;16 ML/KG).

INHALATION: NO TOXIC MANIFESTIONS. DRAIZE EYE IRRITATION: SCORE 0.00. PRIMARY

SKIN IRRITATION: IRRITATION INDEX, 0.1 (LOW). MUSCLE TISSUE: NO DELETERIOUS

EFFECTS. IRRITANCY OF PRODUCT: LOW PRIMARY SKIN IRRITATION. NO EYE OR

INHALATION EFFECTS.

Ecological Information

Ecological: FUNDULUS HETEROCLITUS, LC50, 4 DAYS-2000 PPM.

MSDS Transport Information

Transport Information: DOT LABELLING: THE COMBUSTIBLE LIQUID, N.O.S. LABEL IS

EXEMPT IN CONTAINERS UNDER 110 GALLONS. REGULATION 49 CFR 173.118A. PROPER

SHIPPING NAME: COMBUSTIBLE LIQUID, N.O.S. HAZARD CLASS: COMBUSTIBLE. I

IDENTIFICATION NUMBER: NA 1993; UN 1A1/Z.801/1.03/91; USA/M4026/.821/1.09MM.

Regulatory Information

Sara Title III Information: SARA TITLE III SUPERFUND: THE PRODUCT IN ITS

PURCHASED FORM IS NOT REGULATED UNDER THE SARA HAZARD CATEGORIES AS PER THE EPA "HAZARD CATEGORIES" UNDER SECTION 311 AND 312 OF THE SUPERFUND AMENDMENT AND THE REAUTHORIZATION ACT OF 1986 (SARA TITLE III).

Federal Regulatory Information: RCRA CHARACTERISTICS: WASTE CLASSIFICATION: PRODUCT HAS BEEN EVALUATED FOR RCRA CHARACTERISTICS AND DOES NOT MEET CRITERIA OF A WASTE IF DISCARDED IN ITS PURCHASED FORM. CERCLA, STATE AND LOCAL PLANNING (REPORTABLE QUANTITIES): NOT REQUIRED. OSHA COMPLIANCE: MSDS PREPARED IN ACCORDANCE WITH 29CFR 1910.1200 TO COMPLY WITH THE OSHA HAZARD COMMUNICATION STANDARD.

State Regulatory Information: PENNSYLVANIA: NO HAZARDOUS COMPONENTS. MASSACHUSETTS: NOT REGULATED. NEW JERSEY: NO HAZARDOUS COMPONENTS. CALIFORNIA: NOT REGULATED.

Other Information

Other Information: EMERGENCY OVERVIEW: ACUTE AND PROLONGED EXPOSURE MAY CAUSE DERMATITIS IN A SENSITIVE INDIVIDUAL.

Transportation Information

Responsible Party Cage: TO871
 Trans ID NO: 154195
 Product ID: DE-SOLV-IT CITRUS SOLUTION
 MSDS Prepared Date: 08/30/1991
 Review Date: 07/25/2000
 MEN: 1
 Multiple KIT Number: 0
 Review IND: Y
 Unit Of Issue: CY
 Type Of Container: CYLINDER

Detail DOT Information

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

Detail IMO Information

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

Detail IATA Information

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

Detail AFI Information

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

HAZCOM Label

Product ID: DE-SOLV-IT CITRUS SOLUTION
 Cage: TO871
 Assigned IND: Y
 Company Name: ORANGE-SOL HOUSEHOLD PRODUCTS INC
 Street: 955 N. FIESTA BLVD., SUITE #1
 City: GILBERT AZ
 Zipcode: 85233
 Health Emergency Phone: 602-497-8822 (8-4PM MST)
 Label Required IND: Y
 Date Of Label Review: 07/25/2000
 Status Code: A

Origination Code: F
Eye Protection IND: NO
Skin Protection IND: YES
Signal Word: CAUTION
Respiratory Protection IND: NO
Health Hazard: Slight
Contact Hazard: Slight
Fire Hazard: Slight
Reactivity Hazard: None
Hazard And Precautions: VAPOR INHALATION: NOT CONSIDERED A HAZARD. EYE: CONTACT IS NOT IRRITATING. SKIN: ORDINARY CONTACT WITH NORMAL INDIVIDUALS IS NOT CONSIDERED HAZARDOUS. INGESTION: IF SWALLOWED, MAY CAUSE LAXATIVE EFFEC T. NOT CONSIDERED HAZARDOUS. CHRONIC: EYE/SKIN/INGESTION: NONE KNOWN. VAPOR INHALATION: NOT CONSIDERED HAZARDOUS.

Disclaimer

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