

ORANGE SOL INC. -- DE-SOLV-IT CABLE CLEANER

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MSDS Safety Information
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FSC: 6850
NIIN: 01-396-3123
MSDS Date: 06/05/1998
MSDS Num: BWMXF
Product ID: DE-SOLV-IT CABLE CLEANER
MFN: 01
Responsible Party
Cage: 4T581
Name: ORANGE SOL INC.
Address: 955 N FIESTA BLVD SUITE 1
Box: 306
City: GILBE
RT AZ 85234
Info Phone Number: 602-497-8822/602-961-0975 !
Emergency Phone Number: 602-497-8822/FAX -0444
Resp. Party Other MSDS No.: OSI\DSI\500.30.NON

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Item Description Information
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Item Manager: S9G
Item Name: CLEANING COMPOUND,SOLVENT
Specification Number: UNKNOWN
Unit of Issue: BX
Quantitative Expression: 00000000004EA
UI Container Qty: 1
Type of Container: PLASTIC BTL
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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: ORAL LD50 >12,700 MG/KG
Route Of Entry Inds - Inhalation: NO
Skin: YES
Ingestion: YES
Carcinogenicity Inds - NTP: NO
IARC: NO
OSHA: NO
Effects of Exposure: NO ACUTE OF CHRONIC

HAZARDS KNOWN. ACUTE: EYE: CONTACT
NON-IRRITATING. SKIN: LOW PRIMARY SKIN IRRITATION. INGESTION: IF SWALLOWED,
MAY CAUSE A LAXATIVE EFFECT. NOT CONSIDERED HAZARDOUS. INHALATION: NO TOXIC
MANIFESTATIONS. CHRONIC EXPOSURE: SKIN: REPEATED OR PROLONGED EXPOSURE MAY
CAUSE DERMATITIS IN A SENSITIVE INDIVIDUAL.

Signs And Symptoms Of Overexposure: NONE KNOWN IN NORMAL INDIVIDUALS.

Medical Cond Aggravated By Exposure: CONTACT MAY AGGRAVATE DERMATITIS IN
SENSITIVE INDIVIDUALS.

First Aid: EYE-

REMOVE ANY CONTACT LENSES, THEN IMMEDIATELY FLUSH WITH WATER FOR
15 MINUTES. IF IRRITATION PERSISTS, CONTACT A PHYSICIAN. SKIN-REMOVE
CONTAMINATED CLOTHING. WASH SKIN THOROUGHLY WITH SOAP & WATER. IF
IRRITATION PERSISTS, CONTACT A PHYSICIAN. INGESTION-DO NOT INDUCE VOMITING.
MAY BE HARMFUL OR FATAL IF LIQUID ASPIRATED INTO THE LUNGS. INHALATION-IF THE
LIQUID IS INHALED INTO THE LUNGS, GET IMMEDIATE MEDICAL HELP.

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Handling and
Disposal
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Spill Release Procedures: SMALL SPILLS: ABSORB WITH A SUITABLE MATERIAL.
DISPOSE IN AN APPROPRIATE CONTAINER. LARGE SPILLS: DIKE WITH SOIL, SAND OR
OTHER SUITABLE MATERIALS AVOIDING USE OF SAWDUST. REVIEW SECTIONS ON PERSONAL
PROTECTION FOR PRECAUTIONS AND RECOMMENDATIONS. REMOVE ALL SOURCES OF
IGNITION BEFORE PROCEEDING. PREVENT LIQUID FROM ENTERING PUBLIC WATERWAYS.

Waste Disposal Methods: THIS PRODUCT HAS BEEN EVALUATE
D FOR RCRA

CHARACTERISTICS AND DOES NOT MEET THE CRITERIA FOR A HAZARDOUS WASTE, IF
DISCARDED IN ITS PURCHASED FORM. SPECIAL INSTRUCTIONS: THE PRODUCT IS
BIODEGRADABLE BASED ON ACTIVATED SLUDGE TESTING. LANDFILL OR INCINERATE AT
AUTHORIZED FACILITIES.

Handling And Storage Precautions: KEEP AWAY FROM OPEN FLAME OR OTHER IGNITION
SOURCES.

Other Precautions: VOLATILE ORGANIC COMPOUND (VOC) CONTENT: UNDER THE C12
EXEMPTION 31 WT%; UNDER METHOD 24, 794 G/L. VALUES ESTIMATED. CONTACT LOCAL
REGULATORS FOR APPROPRIATE COMPLIANCE.

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Fire and Explosion Hazard Information
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Flash Point Method: PMCC

Flash Point: >86.C, 186.8F

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

Fire Fighting Procedures: DO NOT USE STREAMS OF WATER. THIS MAY CAUSE THE
SCATTER OF BURNING LIQUID AND THUS SPREAD A FIRE. USE SELF-CONTAINED
BREATHING EQUIPMENT IN ANY ENCLOSED A

REA.

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

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Control Measures
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Respiratory Protection: NO SPECIAL REQUIREMENTS. AVOID BREATHING MISTS.

Ventilation: ADEQUATE GENERAL VENTILATION. OTHERWISE NO SPECIAL CONTROLS. VENTILATION NOT REQUIRED UNDER NORMAL CONDITIONS.

Protective Gloves: NITRILE OR KEVLAR GLOVES RECOMMENDED FOR A SENSITIVE INDIVIDUAL.

Eye Protection: NOT REQUIRED.

Work Hygienic Practices: DO NOT INGEST.

Supplemental Safety and Health: PER DSCR CONTRACTING VENDOR PART NUMBER =

40201.
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Physical/Chemical Properties
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HCC: V4

Boiling Point: =213.3C, 416.F

B.P. Text: (50%)

Melt/Freeze Pt: =-51.C, -59.8F

M.P/F.P Text: POUR POINT

Vapor Pres: <0.1 MM @ 20 DEG C

Vapor Density: 4.5

Spec Gravity: 0.794, 6.63 LBS/U.S. G

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Viscosity: 1.7 CPS (ESTIMATE)

Solubility in Water: NEGLIGIBLE (

Appearance and Odor: LIQUID, CLEAR ORANGE COLOR - CITRUS ODOR

Percent Volatiles by Volume: 100
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Reactivity Data
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Stability Indicator: YES

Stability Condition To Avoid: NONE ESTABLISHED.

Materials To Avoid: AVOID CONTACT WITH STRONG OXIDIZING AGENTS.

Hazardous Decomposition Products: NOT EXPECTED UNDER NORMAL CONDITIONS.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: NONE ESTABLISHED.
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Toxicological Information
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Toxicological Information: ORAL: LD50 GREATER THAN 12,700 MG/KG (>16 ML/KG).

INHALATION: NO TOXIC MANIFESTATIONS. DRAIZE EYE IRRITATION: SCORE 0.00.

PRIMARY SKIN IRRITATION: IRRITATION INDEX, 0.2 (LOW). MUSCLE TISSUE: NO

DELETERIOUS EFFECTS. IRRITANCY OF PR

ODUCT: LOW PRIMARY SKIN IRRITATION. NO
EYE OR INHALATION EFFECTS.

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Ecological Information
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Ecological: FUNDULUS HETEROCLITUS, LC50, 4 DAYS-2000 PPM (LOW). BASED ON
ANALOGOUS FORMULATION.

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MSDS Transport Information
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Transport Information: DOT LABELING: THE COMBUSTIBLE LIQUI
D N.O.S. LABEL IS

EXEMPT IN CONTAINERS UNDER 110 GALLONS. REGULATION 49CFR173.118A. PROPER
SHIPPING NAME: COMBUSTIBLE LIQUIDS N.O.S. HAZARD CLASS: COMBUSTIBLE. INDEN
TIFICATION NUMBER: NA 1993; UN IAI/Z.80/1.03/91; USA/M4026/1.09MM.

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Regulatory Information
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Sara Title III Information: THE PRODUCT IN ITS PURCHASED FORM IS NOT REGULATED
UNDER THE SARA HAZARD CATERGORIES AS PER THE
EPA "HAZARD CATERGORIES" UNDER
SECTIONS 311 AND 312 OF THE SUPERFUND AMENDMENT AND THE REAUTHORIZATION ACT
OF 1986 (SARA TITLE III).

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

State Regulatory Information: STATE RIGHT-TO-KNOW: NOT REQUIRED.

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Other Information
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Other Information: PRODUCT MIXTURE: THE PRODUCT HAS A FLASH POINT OF 186F PMCC.
NO OTHER HAZARDS AS PER OSHA 29CFR 1910.1200.

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Transportation Information
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Responsible Party Cage: 4T581

Trans ID NO: 133572

Product ID: DE-SOLV-IT CABLE CLEANER

MSDS Prepared Date: 04/06/1995

Review Date: 03/28/2000

MFN: 1

Net Unit Weight: 6.7 LBS

Multiple KIT Number: 0

Review IND: Y

Unit Of Issue: BX

Container QTY: 1

Type Of Container: PLASTIC BTL

Additional Data: NOT REGULATED AS THIS NSN IS LESS THAN 119 GALLONS PER
CONTAINER.

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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: DE-SOLV-IT CABLE CLEANER

Cage: 4T581

Company Name: ORANGE SOL INDUSTRIAL PRO
DUCTS INC.

Street: 1400 N FIESTA BLVD BLDG 100

City: GILBERT AZ

Zipcode: 85233-1000

Health Emergency Phone: 602-497-8822/FAX -0444

Label Required IND: Y

Date Of Label Review: 03/28/2000

Status Code: C

Year Procured: 2000

Origination Code: F

Eye Protection IND: NO

Skin Protection IND: NO

Signal Word: WARNING

Respiratory Protection IND: NO

Health Hazard: Slight

Contact Hazard: Slight

Fire Hazard: Moderate

Reactivity Hazard: None

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rovided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever expressly or implied warrants, states, or intends said information to have any application, use or viability by or to any person or persons outside the Department of Defense nor any person or persons contracting with any instrumentality of the United States of America and disclaims all liability for such use. Any person utilizing this instruction who is not a military or civilian employee of the United States of America should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation regardless of similarity to a corresponding Department of Defense or other government situation.