

RADIATOR SPECIALTY COMPANY -- SOLDER SEAL LIQUID WRENCH NO. 1 (AEROSOL)

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MSDS Safety Information
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FSC: 9150
NIIN: 00-529-7518
MSDS Date: 11/01/1994
MSDS Num: BXVPQ
Product ID: SOLDER SEAL LIQUID WRENCH NO. 1 (AEROSOL)
MFN: 02
Responsible Party
Cage: 77628
Name: RADIATOR SPECIALTY COMPANY
Address: 1400 W. INDEPENDENCE BLVD.
City: CHARLOTTE NC 28208
Info Phone Number: 704-377-6555
Emergency Phone Number: 704-377-6555
Preparer's Name: LIEBMAN
Review Ind: Y
Published: Y

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Contractor Summary
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Cage: 77628
Name: RADIATOR SPECIALTY COMPANY
Address: 1900 WILKINSON BLVD.
Box: 34689
City: CHARLOTTE NC 28208
Phone: 704-377-6555/303-623-5716

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Item Description Information
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Item Manager: S9G
Item Name: PENETRATING OIL
Specification Number: A-A-50493
Type/Grade/Class: TYPE II
Unit of Issue: CN
Quantitative Expression: 00000000016OZ
UI Container Qty: 16 OZ
Type of Container: CAN, PRESSURE

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Ingredients
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Cas: 8008-20-6
RTECS #: OA5500000
Name: ALIPHATIC PETROLEUM SOLVENT
% Wt: 89-90
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

Cas: 64742-06-9
RTECS #: 1003770PM
Name: PETROLEUM MINERAL OIL
% Wt: 8-9
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED

ACGIH TLV: NOT ESTABLISHED

Cas: 124-38-9
RTECS #: FF6400000
Name: CARBON DIOXIDE
% Wt: 2-3
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED
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Health Hazards Data

LD50 LC50 Mixture: ORAL LD50 (RAT) IS UNKNOWN
Route Of Entry Inds - Inhalation: YES
Skin: YES
Ingestion: NO
Carcinogenicity Inds - NTP: NO
IARC: NO
OSHA: NO
Effects of Exposure: EYE: IRRITANT. SKIN: IRRITANT. PROLONGED EXPOSURE CAN CAUSE DERMATITIS. INGESTION: HARMFUL OR FATAL IF SWALLOWED! ASPIRATION CAN LEAD TO LUNG IRRITATION.
Explanation Of Carcinogenicity: NONE.
Signs And Symptoms Of Overexposure: INHALATION-EXCESSIVE INHALATION CAN CAUSE DIZZINESS, RESPIRATORY AND LUNG IRRITATION. INGESTION-CAN CAUSE GASTRIC DISTURBANCES, NAUSEA.
Medical Cond Aggravated By Exposure: NONE SPECIFIED BY MANUFACTURER.
First Aid: EYE: FLUSH W/WATER 15 MINS, LIFTING LIDS. IF ADVERSE EFFECTS PERSIST-GET MED ATTN IMMED. SKIN: WASH W/SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDRY BEFORE RE-USE. INHAL: REMOVE TO FRESH AIR. IF BREATHING DIFFICULT-ADMINISTER OXYGEN, IF STOPPED-APPLY ARTIFICIAL RESPIRATION. GET MED ATTN. INGEST: DO NOT INDUCE VOMITING! GET MED ATTN IMMED. DO NOT ADMINISTER EPINEPHRINE OR ADRENALIN!!
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Handling and Disposal

Spill Release Procedures: OBSERVING HEALTH HAZARDS DESCRIBED ABOVE, VENTILATE AREA, REMOVE IGNITION SOURCE. CONFINE SPILL, WIPE WITH RAGS AND TRANSFER TO WASTE DRUM.
Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE GOVERNMENT LAWS AND REGULATIONS.
Handling And Storage Precautions: KEEP AWAY FROM IGNITION SOURCES AND OXIDIZERS. STORE IN A COOL PLACE.
Other Precautions: WEARING CONTACT LENSES IS INADVISABLE!! KEEP AWAY FROM CHILDREN AND ANIMALS.
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Fire and Explosion Hazard Information

Flash Point Method: TCC
Flash Point Text: 132F, 56C
Extinguishing Media: FOAM, CARBON DIOXIDE, DRY CHEMICAL.
Fire Fighting Procedures: WEAR SELF-CONTAINED, POSITIVE PRESSURE BREATHING APPARATUS AND PROTECTIVE CLOTHES. SHIELD TO PROTECT FROM VENTING, RUPTURING OR BURSTING CANS.
Unusual Fire/Explosion Hazard: AT ELEVATED TEMPERATURES CONTAINERS MAY VENT, RUPTURE OR BURST, EVEN VIOLENTLY.
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Control Measures
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Respiratory Protection: FOR CONSUMER: N/A. BULK: USE NIOSH APPROVED SELF-CONTAINED RESPIRATOR.
Ventilation: USE WITH ADEQUATE VENTILATION. GENERAL.
Protective Gloves: SOLVENT RESISTANT GLOVES.
Eye Protection: FULLY PROTECTIVE GOGGLES/FACE SHIELDS.
Other Protective Equipment: SOLVENT RESISTANT APRON.
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Physical/Chemical Properties
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HCC: V3
B.P. Text: >300F,>149C
Spec Gravity: 0.82
Viscosity: N/RN/A
Solubility in Water: INSOLUBLE
Appearance and Odor: DARK LIQUID WITH PETROLEUM ODOR.
Percent Volatiles by Volume: 90%
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Reactivity Data
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Stability Indicator: YES
Stability Condition To Avoid: NONE SPECIFIED BY MANUFACTURER.
Materials To Avoid: STRONG OXIDIZERS.
Hazardous Decomposition Products: NORMAL PRODUCTS OF COMBUSTION, SMOKE, CARBON DIOXIDE, CARBON MONOXIDE AND SULFUR TRIOXIDES.
Hazardous Polymerization Indicator: NO
Conditions To Avoid Polymerization: NONE SPECIFIED BY MANUFACTURER.
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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: 77628
Trans ID NO: 75342
Product ID: SOLDER SEAL LIQUID WRENCH NO. 1 (AEROSOL)
MSDS Prepared Date: 11/01/1994
Review Date: 10/19/1995
MFN: 2
Net Unit Weight: UNKNOWN
AF MMAC Code: NR
Multiple KIT Number: 0
Review IND: Y

Unit Of Issue: CN
Container QTY: 16 OZ
Type Of Container: CAN, PRESSURE

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Detail DOT Information
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DOT PSN Code: AGC
DOT Proper Shipping Name: AEROSOLS, FLAMMABLE,
DOT PSN Modifier: (EACH NOT EXCEEDING 1 L CAPACITY)
Hazard Class: 2.1
UN ID Num: UN1950
Label: FLAMMABLE GAS
Special Provision: N82
Non Bulk Pack: NONE
Bulk Pack: NONE
Max Qty Pass: 75 KG
Max Qty Cargo: 150 KG
Vessel Stow Req: A
Water/Ship/Other Req: 40,48,85

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Detail IMO Information
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IMO PSN Code: AIY
IMO Proper Shipping Name: AEROSOL DISPENSERS ?
IMO PSN Modifier: ,WITH A CAPACITY OF 1000 CUBIC CM OR LESS
IMDG Page Number: 9022
UN Number: 1950
UN Hazard Class: 9?
IMO Packaging Group: -
Subsidiary Risk Label: -
EMS Number: 2-13

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Detail IATA Information
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IATA PSN Code: ALS
IATA UN ID Num: 1950
IATA Proper Shipping Name: AEROSOLS, FLAMMABLE, N.O.S.
IATA PSN Modifier: (EACH NOT EXCEEDING 1 L CAPACITY)
IATA UN Class: 2.1
IATA Label: FLAMMABLE GAS
Packing Note Passenger: 203
Max Quant Pass: 75KG
Max Quant Cargo: 150KG
Packing Note Cargo: 203

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Detail AFI Information
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AFI PSN Code: ALR
AFI Symbols: *
AFI Proper Shipping Name: AEROSOLS, FLAMMABLE, N.O.S.
AFI PSN Modifier: (EACH NOT EXCEEDING 1L CAPACITY)
AFI Hazard Class: 2.1
AFI UN ID NUM: UN1950
Special Provisions: P4
Back Pack Reference: A6.3

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HAZCOM Label

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Product ID: SOLDER SEAL LIQUID WRENCH NO. 1 (AEROSOL)

Cage: 77628

Company Name: RADIATOR SPECIALTY COMPANY

Street: 1900 WILKINSON BLVD.

PO Box: 34689

City: CHARLOTTE NC

Zipcode: 28208

Health Emergency Phone: 704-377-6555

Label Required IND: Y

Date Of Label Review: 10/19/1995

Status Code: C

Label Date: 10/19/1995

Origination Code: F

Chronic Hazard IND: Y

Signal Word: WARNING

Health Hazard: Moderate

Contact Hazard: Slight

Fire Hazard: Slight

Reactivity Hazard: None

Hazard And Precautions: KEEP AWAY FROM IGNITION SOURCES AND OXIDIZERS. STORE IN A COOL PLACE. IN CASE OF SPILL: OBSERVING HEALTH HAZARDS DESCRIBED ABOVE, VENTILATE AREA, REMOVE IGNITION SOURCE. CONFINE SPILL, WIPE WITH RAGS AND TRANSFER TO WASTE DRUM. FIRST AID: EYE: FLUSH W/WATER 15 MINS, LIFTING LIDS. IF ADVERSE EFFECTS PERSIST-GET MED ATTN IMMEDIATELY. SKIN: WASH W/SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDRER BEFORE RE-USE. INHAL: REMOVE TO FRESH AIR. IF BREATHING DIFFICULT-ADMINISTER OXYGEN, IF STOPPED-APPLY ARTIFICIAL RESPIRATION. GET MED ATTN. INGEST: DO NOT INDUCE VOMITING! GET MED ATTN IMMEDIATELY. DO NOT ADMINISTER EPINEPHRINE OR ADRENALIN!!

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