

RADIATOR SPECIALTY COMPANY -- SOLDER SEAL LIQUID WRENCH NO1 (AEROSOL), PN L1-06;-12  
-- 9150-00-973-9504

===== Product Identification =====

Product ID:SOLDER SEAL LIQUID WRENCH NO1 (AEROSOL), PN L1-06;-12

MSDS Date:04/01/1997

FSC:9150

NIIN:00-973-9504

MSDS Number: CCLTZ

=== Responsible Party ===

Company Name:RADIATOR SPECIALTY COMPANY

Address:1400 W. INDEPENDENCE BLVD.

City:CHARLOTTE

State:NC

ZIP:2

8208

Country:US

Info Phone Num:704-377-6555

Emergency Phone Num:704-377-6555

Preparer's Name:T.LIEBMAN,TECH DIR

CAGE:77628

=== Contractor Identification ===

Company Name:BALKAMP INC

Address:2601 S HOLT ROAD

Box:City:INDIANAPOLIS

State:IN

ZIP:46241

Country:US

Phone:317-244-7241

CAGE:70842

Company Name:NAPA, A DIVISION OF LINCOLN AUTOMOTIVE

Address:ONE LINCOLN WAY

Box:City:ST. LOUIS

State:MO

ZIP:63120-1578

Country:US

Phone:414-255-5520

CAGE:050Q3

Company Name:RADIATOR SPECIALTY COMPANY

Address:190

0 WILKINSON BLVD.  
Box:34689  
City:CHARLOTTE  
State:NC  
ZIP:28208  
Country:US  
Phone:704-377-6555/303-623-5716  
CAGE:77628

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Composition/Information on Ingredients  
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Ingred Name:ALIPHATIC PETROLEUM SOLVENT  
CAS:8008-20-6  
RTECS #:OA5500000  
Fraction by Wt: 89-90%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:PETROLEUM MINERAL OIL  
CAS:64742-06-9  
Fraction by Wt: 8-9%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:CARBON DIOXIDE (PROPELLANT)  
CAS:124-38-9  
RTECS #:FF6400000  
Fractio  
n by Wt: 2-3%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:5000 PPM  
ACGIH TLV:5000PPM/30000STEL;96

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Hazards Identification  
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LD50 LC50 Mixture:TLV:5MG/M3 (MIST) PETROLEUM MINERAL OIL  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:YES IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EYE:IRRIT. SKIN:IRRIT,PROLONG EXPO CAN  
CAUSE DERMATITIS. INHAL:EXCESSIVE INHAL CAN CAUSE  
DIZZ,RESPIRATORYMLUNG IRRIT. ING  
EST:HARMFUL OR FATAL IF  
SWALLOWED!!CAN CAUSE GASTRIC DISTURBANCE,NAUSEA.ASPIRAT ION CAN  
LEAD TO LUNG IRRIT.  
Explanation of Carcinogenicity:PER MSDS:PETROLEUM MINERAL OIL POSSIBLE  
CARCINOGEN BY NTP.  
Effects of Overexposure:EYE/SKIN IRRIT. DERMATITIS. DIZZINESS,  
RESP/LUNG IRRIT. HARMFUL OR FATAL IF INGEST. GASTRIC DISTURBANCES,  
NAUSEA, ASPIRATION LUNG IRRIT.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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First Aid Measures  
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First Aid:EYE:FLUSH W/WATER FOR 15MINS THOROUGHLY WHILE LIFTING EYELIDS.IF ADVERSE EFFECTS PERSIST GET MED ATTN IMMED. SKIN:WASH W/SOAP/WATER THOROUGHLY.REMOVE CONTAMIN CLOTH. INHAL:REMOVE TO FRESH AIR.BREATHIN G DIFFICULT ADMIN OXYGEN.BREATH STOPPEDAPPLY ARTIFICIAL RESP.GET MED ATTN. INGEST:DO NTO INDUC VOMIT.GET MED ATTN IMMED.DO NOT ADMIN EPINEPHRINE OR ADRENALIN!!

===== Fire Fighting Measures =====

Flash Point Method:T

CC

Flash Point:>120F,>49C

Lower Limits:NP

Upper Limits:NP

Extinguishing Media:FOAM,CO2,DRY CHEMICAL.

Fire Fighting Procedures:WEAR SELF-CONTAINED POSITIVE PRESSURE BREATHING APPARATUS & PROTECTIVE CLOTHES.WATERSPRAY TO COOL CNTNR.SHIELD TO PROTECT FROM VENTING/RUPTURING/BURSTING CANS.

Unusual Fire/Explosion Hazard:AT ELEVATED TEMPERATURES CONTAINERS MAY VENT,RUPTURE OR BURST EVEN VIOLENTLY.

===== Accidental Release Measures =====

Spill Release Procedures

:OBSERVING HEALTH HAZDARDS DESCRIBED IN MSDS

REMOVE IGN SOURCE, VENTILATE AREA. CONFINE SPILL, WIPE-UP W/RAGS & TRANSFER TO WASTE DRUM.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====

Handling and Storage Precautions:KEEP AWAY FROM IGN SOURCES AND OXIDIZERS!STORE IN COOL PLACE.

Other Precautions:WEARING CONTACT LENSES IS INADVISABLE.DO NOT PUNCTURE OR INCINERATE CONTAINERS.KEEP AWAY FROM CHILDREN AND ANIMALS

===== Exposure Controls/Personal Protection =====

Respiratory Protection:CONSUMER:NA. BULK HNDLG:USE NIOSH APPROVED SELF-CONTAINED RESPIRATOR.

Ventilation:CONSUMER:USE W/ADEQUATE VENTILATION. BULK HNDLG:GENERAL.

Protective Gloves:CONSUMER:NA.BULK:SOLVENT RESIST GLOVES.

Eye Protection:CONSUMER:NA.BULK:FULLY PROT GOGG/FCSHIEL

Other Protective Equipment:CONSUMER:NA. BULK HNDLG:SOLVENT RESIST APRON.

Work Hygienic Practices:LAUNDER CONTAMIN CLOTHING BEFORE REUSE.

Supplem

===== Physical/Chemical Properties =====

HCC:F4

Boiling Pt:B.P. Text:>300F,>149C

Melt/Freeze Pt:M.P/F.P Text:NA

Decomp Temp:Decomp Text:NP

Vapor Pres:NA

Vapor Density:NA

Spec Gravity:0.82

pH:NA

Evaporation Rate & Reference:NA

Solubility in Water:INSOLUBLE.

Appearance and Odor:DARK LIQUID WITH PETROLEUM ODOR.

Percent Volatiles by Volume:90

Corrosion Rate:NP

===== Stability and Reactivity Data =====

Stability Ind

icator/Materials to Avoid:YES

STRONG OXIDIZERS.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER. HMIS:ALL

IGNITION SOURCES.

Hazardous Decomposition Products:FIRE:NORMAL PRODUCTS OF

COMBUSTION,SMOKE,CARBON DIOXIDE,CARBON MONOXIDE,SUFLUR TRIOXIDE.

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE IWTH ALL APPLICABLE  
GOVERNMENT LAWS AND REGULATIONS.

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