

RADIATOR SPECIALTY COMPANY -- BRAKE CLEANER (NON CHLORINATED), M7-15

MSDS Safety Information

FSC: 6850

MSDS Date: 08/01/1998

MSDS Num: CJBTY

LIIN: 00N090582

Product ID: BRAKE CLEANER (NON CHLORINATED), M7-15

MFN: 01

Responsible Party

Cage: 77628

Name: RADIATOR SPECIALTY COMPANY

Address: 1900 WILKISON BLVD

City: CHARLOTTE NC 28208

Info Phone Number: 704-377-6555

Emergency Phone Number: 303-623-5716

Preparer's Name: K PHILLIPS

Published: Y

Contractor Summary

Cage: 77628

Name: RADIATOR SPECIALTY COMPANY

Address: 1900 WILKINSON BLVD.

Box: 34689

City: CHARLOTTE NC 28208

Phone: 704-377-6555/303-623-5716

Ingredients

Cas: 142-82-5

RTECS #: MI7700000

Name: HEPTANE

% Wt: 50-55

OSHA PEL: 500 PPM

ACGIH TLV: 400 PPM/500STEL;9495

Cas: 67-64-1

RTECS #: AL3150000

Name: ACETONE (SARA 313) (CERCLA)

% Wt: 20-25

OSHA PEL: 1000 PPM

ACGIH TLV: 750PPM/1000STEL;9495

EPA Rpt Qty: 5000 LBS

DOT Rpt Qty: 5000 LBS

Cas: 1330-20-7

RTECS #: ZE2100000
Name: XYLENE (SARA 313) (CERCLA)
% Wt: 20-25
OSHA PEL: 100 PPM
ACGIH TLV: 100 PPM/150STEL;9495
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS

Cas: 124-38-9
RTECS #: FF6400000
Name: CARBON DIOXIDE
% Wt: 5-10
OSHA PEL: 5000 PPM
ACGIH TLV: 5000PPM/30000STEL;95

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Health Hazards Data
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LD50 LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.
Route Of Entry Inds - Inhalation: YES
Skin: YES
Ingestion: YES
Carcinogenicity Inds - NTP: NO
IARC: NO
OSHA: NO
Effects of Exposure: ACUTE: EYE: MAY CAUSE PAIN AND TEMPORARY EYE IRRITATION.
SKIN: DEFATTING, DERMATITIS ON PROLONGED EXPOSURE. INHALATION: DIZZINESS,
HEADACHE, NARCOSIS. INGESTION: HARMFUL OR FATAL IF SWALLOWED IN LARGE
AMOUNTS. CHRONIC: EXCESSIVE INGESTION MAY CAUSE STOMACH IRRITATION, NAUSEA,
VOMITING. CAN CAUSE LIVER (EFTS OF OVEREXP)
Explanation Of Carcinogenicity: NOT RELEVANT.
Signs And Symptions Of Overexposure: HLTH HAZ: DAMAGE AND AFFECT THE KIDNEYS
ADVERSELY.
Medical Cond Aggravated By Exposure: NONE SPECIFIED BY MANUFACTURER.
First Aid: EYE: FLUSH W/WATER FOR AT LEAST 15 MIN. CONSULT PHYSICIAN
IMMEDIATELY IF IRRITATION PERSISTS. SKIN: WASH W/MILD SOAP & WATER.
REMOVE ANY CONTAMINATED CLOTHING & ALLOW TO DRY IN WELL VENT AREA OUT OF
D OORS. INHALATION: REMOVE TO FRESH AIR. INGESTION: DO NOT INDUCE VOMITING!
CONSULT PHYSICIAN IMMEDIATELY. NEVER GIVE ADRENALIN OR OTHER SYMPATHOMIMETIC
DRUGS TO PERSON OVEREXPOSED TO PERCHLOROETHYLENE.

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Handling and Disposal
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Spill Release Procedures: VENTILATE AREA, CONTAIN SPILL, WIPE UP WITH RAGS, AND
TRANSFER TO WASTE AREA.
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.
Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE GOVERNMENT
LAWS AND FEDERAL, STATE AND LOCAL REGULATIONS.
Handling And Storage Precautions: STORE IN A COOL, DRY AREA AWAY FROM

INCOMPATIBLES ABOVE.

Other Precautions: DO NOT WEAR CONTACT LENSES WHILE USING. KEEP AWAY FROM CHILDREN. DO NOT PUNCTURE OR INCINERATE CONTAINERS.

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Fire and Explosion Hazard Information
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Flash Point Method: TCC
Flash Point Text: 0F,-18C
Extinguishing Media: WATER FOG, FOAM, CO*2, DRY CHEMICAL.
Fire Fighting Procedures: USE NIOSH APPRVD SCBA & FULL PROT EQUIP (FP N).
WATER BY FOG NOZZLES MAY BE USED TO COOL CNTNRS TO PREVENT PRESSURE BUILD-UP AND EXPLOSION DUE TO EXTREME HEAT.
Unusual Fire/Explosion Hazard: CLSD CNTNRS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. VAP ACCUM CAN FLASH/EXPLODE IF IGNITED. OVEREXP TO DECOMP PRODS MAY CAUSE A HLTH HAZ. SYMPS (SUPDAT)

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Control Measures
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Respiratory Protection: IF TLV IS EXCEEDED, WEAR NIOSH APPROVED RESPIRATOR.
Ventilation: USE WITH A HIGH DEGREE OF VENTILATION. GENERAL AND/OR LOCAL HIGH VOLUME VENTILATION.
Protective Gloves: BUTYL RUBBER GLOVES.
Eye Protection: ANSI APPROVED CHEM WORKERS GOGGS (FP N).
Other Protective Equipment: EYE WASH FOUNTAIN & DELUGE SHOWER WHICH MEET ANSI DESIGN CRITERIA (FP N). APRON.
Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.
Supplemental Safety and Health: EXPLO HAZ: MAY NOT BE READILY APPARENT. HAZ DECOMP PROD: WELDING, AND HIGH TEMPS INDUCE DECOMPOSITION.

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Physical/Chemical Properties
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B.P. Text: 132F,56C
Spec Gravity: 0.76 (H*20 = 1)
Evaporation Rate & Reference: VERY FAST (BU AC = 1)
Solubility in Water: SLIGHT
Appearance and Odor: CLEAR FLUID WITH PETROLEUM/KEYTONE ODOR.
Percent Volatiles by Volume: 100 WT

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Reactivity Data
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Stability Indicator: YES
Stability Condition To Avoid: NONE SPECIFIED BY MANUFACTURER.
Materials To Avoid: WATER, ALKALIES, POWDERED METALS (ESP ZINC) ALUMINUM & AMINES. SPARKS, FLAMES, ELECTRIC ARCS, AND/OR HOT METAL SURFACES.
Hazardous Decomposition Products: IN PRESENCE OF H*2O: HYDROCHLORIC ACID. IGNIT SOURCES & HOT METAL SURFS: PHOSGENE & CHLORINE, FLAMES, (SUPDAT)
Hazardous Polymerization Indicator: NO
Conditions To Avoid Polymerization: NOT RELEVANT.

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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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HAZCOM Label
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Product ID: BRAKE CLEANER (NON CHLORINATED), M7-15
Cage: 77628
Company Name: RADIATOR SPECIALTY COMPANY
Street: 1900 WILKINSON BLVD.
PO Box: 34689
City: CHARLOTTE NC
Zipcode: 28208
Health Emergency Phone: 303-623-5716
Label Required IND: Y
Date Of Label Review: 10/30/1998
Status Code: C
Label Date: 10/30/1998

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Origination

Chronic Hazard IND: Y
Eye Protection IND: YES
Skin Protection IND: YES
Signal Word: DANGER
Respiratory Protection IND: YES
Health Hazard: Moderate
Contact Hazard: Slight
Fire Hazard: Severe
Reactivity Hazard: None

Hazard And Precautions: LEVEL 3 AEROSOL. ACUTE: EYE: MAY CAUSE PAIN AND
TEMPORARY EYE IRRITATION. SKIN: DEFATTING, DERMATITIS ON PROLONGED EXPOSURE.
INHALATION: DIZZINESS, HEADACHE, NARCOSIS. INGESTION: HARMFUL OR FATAL IF S
WALLOWED IN LARGE AMOUNTS. CHRONIC: EXCESSIVE INGESTION MAY CAUSE STOMACH
IRRITATION, NAUSEA, VOMITING. CAN CAUSE LIVER DAMAGE AND AFFECT THE KIDNEYS
ADVERSELY.

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