

RADIATOR SPECIALTY CO -- BRAKE CLEANER (AEROSOL) M7-20 -- 6850-01-167-0678

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Product Identification  
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Product ID: BRAKE CLEANER (AEROSOL) M7-20

MSDS Date: 04/01/1987

FSC: 6850

NIIN: 01-167-0678

MSDS Number: BGPNP

=== Responsible Party ===

Company Name: RADIATOR SPECIALTY CO

Address: 1400 W INDEPENDENCE

Box: 34689

City: CHARLOTTE

State: NC

ZIP: 28234

Country: US

Info Phone Num: 704-377-6555

Emergency Phone Num:

704-377-6555

Preparer's Name: I. LIEBMAN/T. DIRECTOR

CAGE: 77628

=== Contractor Identification ===

Company Name: RADIATOR SPECIALTY COMPANY

Address: 1900 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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Ingredient Name: METHYL CHLOROFORM (1,1,1-TRICHLOROETHANE) (SARA III)

CAS: 71-55-6

RTECS #: KJ2975000

Fraction by Wt: 30-70%

OSHA PEL: 350 PPM/450 STEL

ACGIH TLV: 350 PP

M/450STEL;9192  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS  
Ozone Depleting Chemical:1

Ingred Name:PERCHLOROETHYLENE (TETRACHLOROETHYLENE) (SARA III)  
CAS:127-18-4  
RTECS #:KX3850000  
Fraction by Wt: 30-70%  
OSHA PEL:100 PPM  
ACGIH TLV:25PPM/100,A3 STEL;94  
EPA Rpt Qty:100 LBS  
DOT Rpt Qty:100 LBS

Ingred Name:CARBON DIOXIDE  
CAS:124-38-9  
RTECS #:FF6400000  
Fraction by Wt: 1-3%  
OSHA PEL:5000 PPM  
ACGIH TLV:5000PPM/30000STEL;93

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===== Hazards Identification =====

Routes of

Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:YES IARC:YES  
Health Hazards Acute and Chronic:ACUTE:MAY IRRITATE EYES,SKIN,AND  
RESPIRATORY TRACT DEFAT,DIZZINESS,HEADACHE,NARCOSIS.HARMFUL OR  
FATAL IF/SWALLOWED CHRONIC:LIVER OR KIDNEY DAMAGE.  
Explanation of Carcinogenicity:ANIMAL CARCINOGEN (PERCHLORO-ETHYLENE)  
Effects of Overexposure:EYES:IRRITATION;CORNEA DAMAGE.  
SKIN:DEFAT,DERMATITIS. INHALATION:DIZZINESS,HEADACHE,NARCOSIS,  
INGESTION:HARMFUL OR  
FATAL IF SWALLOWED,CAN EFFECT LIVER OR  
KIDNEYS.  
Medical Cond Aggravated by Exposure:PRE-EXISTING CONDITIONS MAY BE  
WORSEN.

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===== First Aid Measures =====

First Aid:EYES:FLUSH WITH WATER FOR AT LEAST 15 MINUTES.CALL A  
PHYSICIAN SKIN:WASH WITH SOAP & WATER;REMOVE CONTAMINATED CLOTHES.  
INHALATION:REMOVE TO FRESH AIR ;SEEK MEDICAL HELP. INGESTION:DO NOT  
INDUCE VOMIT ING;CONSULT A PHYSICIAN AT ONCE.

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===== Fire Fighting Meas

ures =====

Flash Point:NONE

Extinguishing Media:FOAM,CO\*2,DRY CHEMICAL

Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA IN AN ENCLOSED AREA.

Unusual Fire/Explosion Hazard:HCL,TOXIC PHOSGENE FUMES;CONTAINERS MAY BURST,RUPTURE,OR VENT.

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

Spill Release Procedures:USE PROPER PERSONAL PROTECTION;VENTILATE THE AREA;CONFINE SPILL;WIPE WITH RAGS AND COLLECT FOR PROPER DISPOSAL.

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Handling and Storage =====

Handling and Storage Precautions:STORE IN COOL DRY AND WELL VENTILATED AREA;KEEP AWAY FROM HEAT,ALKALIES,METAL POWDERS.DO NOT PUNCTURE OR INCINERATE

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

Respiratory Protection:NOT NEEDED IF THERE IS AN ADEQUATE VENTILATION.

Ventilation:LOCAL/GENERAL TO MAINTAIN AN ADEQUATE VENTILATION.

Protective Gloves:BUTYL RUBBER

Eye Protection:CHEMICAL GOGGLES

Other Protective Equipment:IMP

ERVIOUS CLOTHING(APRON;EYE WASH).

Work Hygienic Practices:AVOID CONTACT WITH SKIN AND EYES.DO NOT BREATHE VAPORS.DO NOT EAT,DRINK AND SMOKE IN WORK AREA.

Supplemental Safety and Health

MSDS RECEIVED BY DGSC-SLM:MARCH 25,1988.

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

HCC:V2

Boiling Pt:B.P. Text:168F/76C

Spec Gravity:1.41

pH:6-7

Evaporation Rate & Reference:3.0 (BUTYL ACETATE=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:COLORLESS VOLATILE LIQUID WITH

CHARACTERISTIC ODOR  
Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid: YES  
WATER, ALKALIES, FINELY DIVIDED METALS.  
Stability Condition to Avoid: EXTREME HEAT  
Hazardous Decomposition Products: HCL, PHOSGENE

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

Waste Disposal Methods: DISPOSE OF COLLECTED MATERIAL IN ACCORDANCE WITH  
LOCAL, STATE & FEDERAL REGS.

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