

## **BRAKE CLEANER, AEROSOL**

### **MSDS Number**

BLBGV

### **National Stock Number**

7930-00B180039

### **Product Name**

BRAKE CLEANER, AEROSOL

### **Manufacturer**

RADIATOR SPECIALTY COMPANY

### **Product Identification**

Product ID: BRAKE CLEANER, AEROSOL

MSDS Date: 06/01/1991

FSC: 7930

NIIN: 00B180039

MSDS Number: BLBGV

### **Responsible Party**

RADIATOR SPECIALTY COMPANY

1400 W. INDEPENDENCE BLVD.

CHARLOTTE , NC 28208

Emergency Phone: 704-377-6555

Info Phone: 704-377-6555

Cage: 77628

### **Contractor**

RADIATOR SPECIALTY COMPANY

34689

CHARLOTTE, NC 28208

US

704-377-6555/303-623-5716

Cage: 77628

### **Ingredients**

CARBON DIOXIDE

CAS: 124-38-9

RTECS: FF6400000

Fraction By Weight: 1-3%

OSHA PEL5000 PPM

ACGIH TLV: 5000PPM/30000STEL;93

METHYL CHLOROFORM (1,1,1-TRICHLOROETHANE) (SARA III)

CAS: 71-55-6

RTECS: KJ2975000

Fraction By Weight: 30-70%

OSHA PEL350 PPM

ACGIH TLV: 350 PPM/450STEL;9394

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

PERCHLOROETHYLENE (TETRACHLOROETHYLENE) (SARA III)

CAS: 127-18-4

RTECS: KX3850000

Fraction By Weight: 20-50%

OSHA PEL100 PPM

ACGIH TLV: 25PPM/100,A3 STEL;94

EPA Report Quantity: 100 LBS

DOT Report Quantity: 100 LBS

STODDARD SOLVENT

CAS: 8052-41-3

RTECS: WJ8925000

Fraction By Weight: 5-20%

OSHA PEL500 PPM

ACGIH TLV: 100 PPM; 9293

## Hazards

LD50 LC50 Mixture:ORAL RAT LD50:

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:UNKNOWN IARC:YES

Health Hazards Acute and Chronic:EYE CONTACT MAY CAUSE PAIN AND TEMPORARY EYE IRRITATION. SKIN CONTACT MAY CAUSE IRRITATION, ESP TO CUTS, AND/OR DRYING OF THE SKIN. INHALATION MAY CAUSE DIZZINESS, HEADACHE, OR NARCOSIS. INGESTION MAY BE HARMFUL OR FATAL IN LARGE AMOUNTS. EXCESSIVE INGESTION CAN EFFECT LIVER OR KIDNEYS ADVERSELY.

Explanation of Carcinogenicity:INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) CONSIDERS THIS PRODUCT TO BE A CARCINOGEN.

Effects of Overexposure:NOT SPECIFIED BY MANUFACTURER.

Medical Cond Aggravated by Exposure:NOT SPECIFIED BY MANUFACTURER.

## First Aid

First Aid:EYES: FLUSH WITH WATER FOR 15 MIN. SKIN: WASH OFF IN FLOWING WATER OR SHOWER. INHALATION: REMOVE TO FRESH AIR. INGESTION: DO NOT INDUCE VOMITING. CALL PHYSICIAN IMMEDIATELY AND/OR TRANSPORT TO EMERGEN CY FACILITY.

## Fire Fighting

Flash Point Method:TCC

Flash Point:205F,96C

Lower Limits:2%

Upper Limits:14%

Extinguishing Media:WATER FOG.

Fire Fighting Procedures:WEAR SELF-CONTAINED, POSITIVE PRESSURE BREATHING APPARATUS & PROTECTIVE CLOTHES. COOL CONTAINERS W/WATER SPRAY. SHEILD PERSONNEL TO PROTECT FROM VENTING.

Unusual Fire/Explosion Hazard:VAPORS OF THIS SOLVENT MIXTURE MAY DEVELOP A FLAMMABLE ATMOSPHERE IN CONFINED OR POORLY VENTILATED AREAS.

## Accidental Release

Spill Release Procedures:VENTILATE AREA, REMOVE IGNITION SOURCES, CONFIN SPILL, WIPE UP WITH RAGS AND TRANSFER TO WASTE DRUM.

Neutralizing Agent:NOT SPECIFIED BY MANUFACTURER.

## Handling

Handling and Storage Precautions:STORE IN A COOL DRY PLACE.

Other Precautions:DO NOT WEAR CONTACT LENS WHILE USING. DO NOT PUNCTURE OR INCINERATE CONTAINERS. KEEP AWAY FROM CHILDREN AND ANIMALS!

## Exposure Controls

Respiratory Protection:IF TLV IS EXCEEDED, WEAR NIOSH APPROVED RESPIRATOR.

Ventilation:GENERAL AND/OR LOCAL EXHAUST VENTILATION.

Protective Gloves:BUTYL RUBBER GGLOVES.

Eye Protection:FULLY PROTECTIVE GOGGLES OR FACE SHIELD.

Other Protective Equipment:WEAR INDUSTRIAL WORK CLOTHING. USE RUBBER APRON OR BOOTS IF NEEDED. HAVE EMERGENCY EYE WASH AND SAFETY SHOWER AVAILABLE.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING, DRINKING OR SMOKING. LAUNDRER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES. DO NOT INGEST. READ PRECAUTIONS ON LABEL BEFORE USE. "WARNING!" THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

## Chemical Properties

Boiling Pt:B.P. Text:164F,73C

Vapor Pres:95 MMHG

Vapor Density:4.3

Spec Gravity:1.337

pH:7

Evaporation Rate & Reference:3

Solubility in Water:DOES NOT MIX

Appearance and Odor:COLORLESS VOLATILE LIQUID WITH PUNGENT ODOR.

Percent Volatiles by Volume:100

## Stability

Stability Indicator/Materials to Avoid:YES

AVOID PROLONGED CONTACT WITH OR STORAGE IN ALUMINUM OR ITS ALLOYS.

AVOID METALIC ALLUMINUM, ZINC POWDER AND AMINES.

Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES AND OTHER SOURCES OF IGNITION

Hazardous Decomposition Products:HYDROGEN CHLORIDE AND VERY SMALL AMOUNTS OF PHOSGENE AND CHLORINE. FLAMES, WELDING, AND HIGH TEMPS INDUCE DECOMPOSITION.

## Disposal

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL APLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.

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