

FOAMY ENGINE BRITE DEGREASER (AEROSOL)FEB-1

MSDS Number

BBBTL

National Stock Number

7930-00B180013

Product Name

FOAMY ENGINE BRITE DEGREASER (AEROSOL)FEB-1

Manufacturer

RADIATOR SPECIALTY COMPANY

Product Identification

Product ID:FOAMY ENGINE BRITE DEGREASER (AEROSOL)FEB-1

MSDS Date:12/01/1987

FSC:7930

NIIN:00B180013

MSDS Number: BBBTL

Responsible Party

RADIATOR SPECIALTY COMPANY

1400 W. INDEPENDENCE BLVD.

CHARLOTTE , NC 28208

US

Info Phone: 704-377-6555

Preparer: T.LIEBMAN,TECHNICAL DIR.

Cage: 77628

Contractor

RADIATOR SPECIALTY COMPANY

34689

CHARLOTTE, NC 28208

US

704-377-6555/303-623-5716

Cage: 77628

Ingredients

2-BUTOXYETHANOL

CAS: 111-76-2

RTECS: KJ8575000

Fraction By Weight: 4-5%

OSHA PELS, 50 PPM

ACGIH TLV: S, 25 PPM; 9293

ALIPHATIC PETROLEUM DISTILLATE

CAS: 8008-20-6

RTECS: OP9479600

Fraction By Weight: 5-6%

ACGIH TLV: 100PPM AIR

AROMATIC PETROLEUM DISTILLATE

CAS: 64742-95-6

Fraction By Weight: 5-6%

ACGIH TLV: 100PPM AIR

M-PYROL (N-METHAL PYRROLIDONE)

CAS: 872-50-4

RTECS: UY5790000

Fraction By Weight: 1-2%

ISOBUTANE/PROPANE

Fraction By Weight: 7-8%

ACGIH TLV: 1000PPM

Hazards

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

Health Hazards Acute and Chronic:ABSORPTION OF HIGH CONCENTRATION MAY LEAD TO KIDNEY AND LIVER DAMAGE.

Explanation of Carcinogenicity:POSSIBLE CARCINOGEN BY NATIONAL TOXICOLOGY PROGRAM (NTP) (AROMATIC/ALIPHATIC PETROLEUM DISTILLATES)

Effects of Overexposure:IRRITATION OF EYES AND SKIN. POSSIBLE DERMATITIS OR DEFATTING OF SKIN TISSUE. PROLONGED EYE CONTACT MAY CAUSE CONJUNCTIVITIS. MAY IRRITATE MUCOUS MEMBRANES. REPEATED INHALATION MAY CAUSE NARCOSIS. HAR MFUL OR FATAL IF SWALLOWED! MAY CAUSE BURNS TO STOMACH,MOUTH OR THROAT.

Medical Cond Aggravated by Exposure:POSSIBLE LIVER AND KIDNEY DAMAGE.

First Aid

First Aid:EYES-FLUSH WITH WATER FOR 15 MIN. WHILE LIFTING EYELIDS. CONSULT DR. IF ADVERSE EFFECTS PERSIST. SKIN-WASH WITH SOAP/WATER. INHALATION-REMOVE TO FRESH AIR IMMEDIATELY. INGESTION-DO NOT INDUCE VOMITING ! DO NOT ADMINISTER EPINEPHRINE OR ADRENALIN! GET MEDICAL ATTENTION IMMEDIATELY. NOTIFY PHYSICIAN IF ANY ADVERSE EFFECTS PERSIST.

Fire Fighting

Flash Point:Extinguishing Media:FOAM,CO2,DRY CHEMICAL

Fire Fighting Procedures:CAUTION: EXTREMELY FLAMMABLE! COOL CONTAINERS WITH WATER SPRAY. SHIELD TO PROTECT EYES FROM VENTING,RUPTURING AND BURSTING CANS.

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

Accidental Release

Spill Release Procedures:VENTILATE AREA,REMOVE IGNITION SOURCES. CONFINE SPILLS,FLUSH WITH WATER AND TRANSFER TO A WASTE DRUM.

Handling

Handling and Storage Precautions:CONTENTS UNDER PRESSURE. STORE IN COOL PLACE AWAY FROM OXIDIZERS AND ACIDS.

Other Precautions:CAUTION: FLAMMABLE AEROSOL.

Exposure Controls

Respiratory Protection:IF TLV IS EXCEEDED,WEAR NIOSH APPROVED RESPIRATOR (FOR PROLONGED EXPOSURE)

Ventilation:USE PRODUCT WITH ADEQUATE VENTILATION, GENERAL

Protective Gloves:NEOPRENE GLOVES (FOR PROLONGED EXPOSURE)

Eye Protection:GOGGLES OR FULL FACE SHIELD (PROLONGED X
Other Protective Equipment:WEAR APRON (FOR PROLONGED EXPOSURE)
Supplemental Safety and Health
KEEP AWAY FROM CHILDREN & ANIMALS. WEARING CONTACT LENSES IS
INADVISABLE. DO NOT INCINERATE OR PUNCTURE CONTAINERS.

Chemical Properties

Vapor Pres:90SPIG
Vapor Density:>1
Spec Gravity:0.97-0.98
pH:9-10
Evaporation Rate & Reference:>1 (BUTYL ACETATE = 1)
Solubility in Water:EMULSIFIES
Appearance and Odor:HAZY CREAM WITH SWEET AROMATIC LIKE ODOR
Percent Volatiles by Volume:>85%

Stability

Stability Indicator/Materials to Avoid:YES
AVOID OXIDIZING AGENTS AND ACIDS.
Stability Condition to Avoid:KEEP AWAY FROM HIGH TEMPERATURES OR OPEN
FLAMES.
Hazardous Decomposition Products:FIRE: NORMAL PRODUCTS OF
COMBUSTION,CARBON MONOXIDE,CARBON DIOXIDE,AND NITROGEN OXIDES.

Disposal

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

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