

Safety Information

MSDS

TOP

FSC: 6850 NIIN: 00-925-2047 MSDS Date: 06/12/1990 MSDS Num: BHXPM

Submitter: D DG Tech Review: 04/12/1999 Status CD: C

Product ID: HEET GASLINE ANTIFREEZE MFN: 02

Article: N Kit Part: N

Cage: Responsible Party 85166

Name: DEMERT AND DOUGHERTY INC

Address: 5000 W 41ST ST

City: CHICAGO State: IL Zip: 60650-4524

Country: US

Info Phone Number: 708-571-6000

Emergency Phone Number: 708-571-6000

Preparer's Name: N/P

Proprietary Ind: N

Review Ind: Y

Published: Y

Special Project CD: N

Summary Contractor TOP

Cage: 85166 Name: DEMERT AND DOUGHERTY INC

Address: 5000 W 41ST ST City: CHICAGO State: IL Zip: 60650-4524 Country: US Phone: 708-571-6000

Description Information

Item

TOP

Item Manager:

Item Name:

Specification Number: NK

Type/Grade/Class: NK

Unit of Issue:

Quantitative Expression:

UI Container Qty:

Type of Container: CAN



TOP

Cas: 67-56-1

M

PC140000

M

Code:

RTECS #:

Code:

Name: METHYL ALCOHOL (METHANOL) (SARA III)

% Text: >99.0

Environmental Wt:

Other REC Limits: NOT ESTABLISHED

OSHA PEL:

S,200PPM/250STEL

Code: M OSHA STEL:

Code:

ACGIH TLV: S,200PPM/250STEL; 93

Code: M ACGIH N/P STEL:

Code:

EPA Rpt Qty: 5000 LBS

DOT 5000 LBS Rpt Qty:

Ozone Depleting Chemical:

N

Cas: 1330-20-7

M

ZE210000

M

Code:

RTECS #:

Code:

Name: XYLENES (O-,M-,P- ISOMERS) (SARA III)

% Text: <0.2

Environmental Wt:

Other REC Limits: NOT ESTABLISHED

OSHA PEL:

100 PPM/150 STEL

Code: M OSHA STEL:

Code:

ACGIH TLV: 100 PPM/150STEL;9192

Code: M ACGIH N/P STEL:

Code:

EPA Rpt Qty: 1000 LBS

DOT 1000 LBS Rpt Qty:

Ozone Depleting Chemical:

N

Cas: X X

Code: RTECS #: Code:

Name: CORROSION INHIBITOR COMPRISING OF TWO TRADE SECRET INGREDIENTS.

% Text: UNKNOWN

Environmental Wt:

Other REC Limits: NOT ESTABLISHED

OSHA PEL:

UNKNOWN

Code: M OSHA STEL:

Code:

ACGIH TLV: UNKNOWN

Code: M ACGIH N/P STEL:

Code:

EPA Rpt Qty:

DOT Rpt Qty:

Ozone Depleting Chemical:

Hazards Data Health TOP

LD50 LC50 Mixture

LD50 (ORAL RAT) IS 7500 MG/KG

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Health Hazards Acute And Chronic

ACUTE-LIQUID, MIST OR VAPORS CAN CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION AND CENTRAL NERVOUS SYSTEM DEPRESSION. ASPIRATION INTO THE LUNGS WILL CAUSE CHEMICAL PNEUMONIA. CHRONIC-HEADACHE, BLURRED VISION, BLINDNESS, DIZZINESS, NAUSEA.

Explanation Of Carcinogenicity

THIS PRODUCT IS NOT LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.

Signs And Symptoms Of Overexposure

EYES: IRRITATION, TEARING, BURNING SENSATION, REDNESS, SWELLING. SKIN: IRRITATION UPON PROLONGED/REPEATED CONTACT. DEFATTING. INHALATION: CNS DEPRESSION, NAUSEA, DROWSINESS, VERTIGO, FATIGUE, CONVULSION, UNCONSCIOUSNESS, DEATH. INGESTION: BLINDNESS, DEATH. SYMPTOMS MAY BE DELAYED.

Medical Cond Aggravated By Exposure

PERSONNEL WITH PRE-EXISTING CENTRAL NERVOUS SYSTEM DISEASE, SKIN DISORDERS, IMPAIRED LIVER OR KIDNEY FUNCTION OR CHRONIC RESPIRATORY DISEASES SHOULD AVOID EXPOSURE.

First Aid

INHALATION:REMOVE TO FRESH AIR. RESUSCITATE IF NOT BREATHING. GET MEDICAL ATTENTION.
EYES:IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES HOLDING EYELIDS OPEN. GET
MEDICAL ATTENTION. SKIN:REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. IF
IRRITATION PERSISTS, GET MEDICAL ADVICE. INGESTION:GIVE WATER. INDUCE VOMITING. NOTHING BY
MOUTH IF UNCONSCIOUS."GET IMMEDIATE MEDICAL ATTENTION".

Spill Release Procedures

ELIMINATE IGNITION SOURCES.AVOID EYE/SKIN CONTACT.VENTILATE AREA.USE WATER SPRAY TO
DISPERSE VAPORS.CONTAIN SPILL.ABSORB IN INERT MATERIAL AND PLACE IN APPROPRIATE DISPOSAL
CONTAINER AND COVER.FLUSH AREA WITH LARGE AMOUNTS OF WATER.

Neutralizing Agent

NOT APPLICABLE.

Waste Disposal Methods

NOTIFY YOUR LOCAL ENVIRONMENTAL OFFICER.PREFERRED DISPOSAL METHOD IS INCINERATION OR
BIOLOGICAL TREATMENT.DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH ALL APPLICABLE
FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

Handling And Storage Precautions

STORE IN COOL,WELL VENTILATED AREA.DO NOT STORE ABOVE 120F.KEEP AWAY FROM
HEAT,SPARKS,FLAMES.KEEP CONTAINERS CLOSED.GROUND WHEN TRANSFERRING.

Other Precautions

DO NOT TAKE INTERNALLY.DO NOT BREATHE MIST. AVOID PROLONGED OR REPEATED BREATHING OF
VAPOR.AVOID CONTACT WITH EYES.USE WITH ADEQUATE VENTILATION.WASH THOROUGHLY AFTER
HANDLING.FOR INDUSTRIAL USE ONLY. DO NOT STORE IN ALUMINUM OR ZINC.

Explosion Hazard Information

Fire and

TOP

Flash Point Method:

TOC

Flash Point:

Flash Point Text: 52.0F,11.1C

Autoignition Temp:

Autoignition Temp Text: N/A

Lower Limits: 6

Upper Limits: 36

Extinguishing Media

USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.

Fire Fighting Procedures

FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard

VAPORS ARE POISONOUS AT HIGH CONCENTRATIONS. VAPORS ARE FLAMMABLE AND MAY TRAVEL A LONG DISTANCE ALONG GROUND TO IGNITION SOURCES AND FLASHBACK.

Measures Control [TOP](#)

Respiratory Protection

USE NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS (SCBA) OR OTHER AIR-SUPPLYING FULL-FACE RESPIRATOR. AIR PURIFYING RESPIRATOR IS NOT ADEQUATE.

Ventilation

LOCAL EXHAUST RECOMMENDED. MECHANICAL (GENERAL) IS NOT RECOMMENDED AS THE SOLE MEANS OF VENTILATION.

Protective Gloves

NEOPRENE OR RUBBER.

Eye Protection

CHEMICAL SAFETY GOGGLES.

Other Protective Equipment

PROTECTIVE CLOTHING, INCLUDING GLOVES, APRON, SLEEVES, BOOTS, HEAD AND FACE PROTECTION. EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices

WASH THOROUGHLY AFTER HANDLING. PROMPTLY REMOVE CONTAMINATED CLOTHING AND WASH THOROUGHLY BEFORE REUSE. SHOWER AFTER WORK.

Supplemental Safety and Health

DO NOT TAKE INTERNALLY. METHANOL INGESTION IS LIFE-THREATENING. CARBON STEEL IS SATISFACTORY MATERIAL OF CONSTRUCTION FOR STORAGE. ODOR THRESHOLD IS 55 PPM IN AIR. ODOR IS NOT A GOOD INDICATOR OF EXPOSURE LEVEL. EFFECTIVE 20 FEB 90, THIS NSN WAS CANCELLED WITHOUT REPLACEMENT.

Physical/Chemical Properties

HCC:

[TOP](#)

F2

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text: 148F,64C

Melt/Freeze Pt:

M.P/F.P Text: N/R

Decomp Temp:

Decomp Text: UNKNOWN

Vapor Pres: 96

Vapor Density: 1.105

Volatile Org Content %:

Spec Gravity: 0.72

VOC Pounds/Gallon:

PH: N/P

VOC Grams/Liter:

Viscosity: N/P

Evaporation Rate & Reference: 3.5 (BUTYL ACETATE = 1)

Solubility in Water: SOLUBLE

Appearance and Odor: CLEAR LIQUID, SLIGHT ALCOHOL ODOR.

Percent Volatiles by Volume: N/P

Corrosion Rate: UNKNOWN

Reactivity Data

TOP

Stability Indicator:

YES

Stability Condition To Avoid: KEEP AWAY FROM HEAT AND IGNITION SOURCES.

Materials To Avoid: STRONG OXIDIZING AGENTS, STRONG ACIDS AND STRONG BASES.

Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE, FORMALDEHYDE.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization NOT APPLICABLE

Toxicological Information

TOP

Toxicological Information:

N/P

Ecological Information

[TOP](#)

Ecological:

N/P

MSDS Transport

[TOP](#)

Information

Transport Information:

N/P

Regulatory Information

[TOP](#)

Sara Title III Information:

N/P

Federal Regulatory Information: N/P

State Regulatory Information: N/P

Other Information

[TOP](#)

Other Information:

N/P

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