

E-BESAN -- EG ANTIFREEZE COOLANT -- 6850-01-464-9137

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Product Identification  
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Product ID:EG ANTIFREEZE COOLANT

MSDS Date:08/18/1999

FSC:6850

NIIN:01-464-9137

Status Code:A

MSDS Number: CJZVV

=== Responsible Party ===

Company Name:E-BESAN

Address:117 FOCIS, SUITE 214

Box:9237

City:METAIRIE

State:LA

ZIP:70005

Country:US

Info Phone Num:504-908-1222

Emergency Phone Num:504-908-1222

Preparer

's Name:NOT PROVIDED.

CAGE:1EAB6

=== Contractor Identification ===

Company Name:E-BESAN

Address:117 FOCIS, SUITE 214

Box:9237

City:METAIRIE

State:LA

ZIP:70055

Country:US

Phone:504-908-1222

Contract Num:SP0450-99-M-NJ59

CAGE:1EAB6

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Composition/Information on Ingredients  
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Ingred Name:SODIUM NITRATE

CAS:7631-99-4

RTECS #:WC5600000

&lt; Wt:1.

Other REC Limits:NOT PROVIDED.

OSHA PEL:NOT PROVIDED.

ACGIH TLV:NOT PROVIDED.

Ingred Name:SODIUM SILICATE

CAS:1344-09-8

&lt; Wt:

1.  
Other REC Limits:NOT PROVIDED.  
OSHA PEL:NOT PROVIDED.  
ACGIH TLV:NOT PROVIDED.

Ingred Name:ETHYLENE GLYCOL  
CAS:107-21-1  
RTECS #:KW2975000  
Minumum % Wt:94.  
Maxumum % Wt:96.  
Other REC Limits:NOT PROVIDED.  
OSHA PEL:NONE  
Code:F  
ACGIH STEL:C127 MG/M3;C50 PPM  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

Ingred Name:WATER  
CAS:7732-18-5  
RTECS #:ZC0110000  
&lt; Wt:3.  
Other REC Limits:NOT PROVIDED.  
OSHA PEL:NOT ESTABLISHED.  
Code:F  
ACGIH TLV:NOT ESTABLISHED.  
Code:F

Ingred Name:ADDITIVES  
= Wt:1.  
Other REC Limits:N  
OT PROVIDED.  
OSHA PEL:NOT PROVIDED.  
ACGIH TLV:NOT PROVIDED.

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

LD50 LC50 Mixture:NOT PROVIDED.  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:POTENTIAL HEALTH EFFECTS: EYE: MAY  
CAUSE MINOR EYE IRRITATION. SKIN: NO SIGNIFICANT EFFECTS ARE  
EXPECTED UNDER NORMAL USE. HOWEVER, REPEATED, PROLONGED EXPOSURE  
MAY CAUSE FLAKING, TENDERNESS AND SOFT ENING OF SKIN. WEAR GLOVES!  
INHALA

TION: NO SIGNIFICANT EFFECTS EXPECTED UNDER NORMAL USE.

INGESTION: SERIOUS INJURY OR DEATH MAY RESULT FROM AS LITTLE AS 60 ML (APPROX. 2 OZ) SEEK MEDICAL ATTENTION PROMPTLY.

Explanation of Carcinogenicity: DOES NOT CONTAIN IARC, NTP, OSHA AND ACGIH LISTED CARCINOGENS GREATER THAN 0.1%

Effects of Overexposure: EYE: MAY CAUSE MINOR EYE IRRITATION. SKIN: NO SIGNIFICANT EFFECTS ARE EXPECTED UNDER NORMAL USE. HOWEVER, REPEATED, PROLONGED EXPOSURE MAY CAUSE FLAKING, TENDERNESS AND

SOFTENING OF SKIN. WEAR GLOVES! INHALATION: NO SIGNIFICANT EFFECTS EXPECTED UNDER NORMAL USE. INGESTION: SERIOUS INJURY OR DEATH MAY RESULT FROM AS LITTLE AS 60 ML (APPROX. 2 OZ) SEEK MEDICAL ATTENTION PROMPTLY.

Medical Cond Aggravated by Exposure: NOT PROVIDED.

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

First Aid: EYES: IMMEDIATELY RINSE EYES WITH CLEAN WATER FOR 10-20 MINUTES. OBTAIN MEDICAL ATTENTION. SKIN: WASH SKIN THOROUGHLY AFTER CONTACT WITH PRODUCT.

INHALATION: IF OVERCOME BY EXPOSURE, REMOVE VICTIM TO FRESH AIR IMMEDIATELY. OBTAIN EMERGENCY MEDICAL ATTENTION PROMPTLY. INGESTION: PROMPT ACTION! SEEK EMERGENCY MEDICAL ATTENTION!

===== Fire Fighting Measures =====

Flash Point: =115.6C, 240.F

Autoignition Temp: =412.8C, 775.F

Lower Limits: 3.2

Upper Limits: 15.8

Extinguishing Media: CO2, DRY CHEMICAL, ALCOHOL FOAM, WATER FOG. WATER MAY BE INEFFECTIVE ON FIRE.

Fire Fighting Procedures

: WEAR POSITIVE PRESSURE, SELF-CONTAINED BREATHING APPARATUS. HEAT MAY BUILD UP AND RUPTURE CLOSED CONTAINERS. LIQUID MAY FORM SLIPPERY FILM. USE WATER SPRAY OR FOG FOR COOLING. SOLID STREAM MAY SPREAD FIRE AS BURNING LIQUID WILL FLOAT ON WATER. NOTIFY AUTHORITIES IF LIQUID ENTERS SEWERS/PUBLIC WATERS.

Unusual Fire/Explosion Hazard: NOT PROVIDED.

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

Spill Release Procedures: PREVENT FLOW TO SEWERS AND PUBLIC WA

TERS AS IT

MAY CONTAMINATE WATER. RESTRICT WATER USE TO PREVENT SLIP/FALL HAZARD. SOAK UP SMALL SPILLS WITH INERT SOLIDS. DIKE AND RECOVER LARGE SPILLS. NOTIFY AUTH ORITIES. REPORT PROMPTLY IF LIQUID ENTERS SEWERS/PUBLIC WATERS!

Neutralizing Agent:NOT RELEVANT.

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN TIGHTLY CLOSED AND PROPERLY VENTED CONTAINERS, AWAY FROM HEAT, SPARKS, OPEN FLAME AND STRONG OXIDIZING AGENTS.

Other Precautions:KEEP CONTAINER TIGHTLY CLOSED. SUITABLE FOR ANY GENERAL CHEMICAL STORAGE AREA.

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

Respiratory Protection:NONE REQUIRED WHERE ADEQUATE VENTILATION CONDITIONS EXIST. IF AIREBORNE CONCENTRATION IS HIGH, A RESPIRATOR IS RECOMMENDED. IF CONCENTRATION EXCEEDS CAPACITY OF RESPIRATOR, A SELF-CONTAINED BREATHING APPARATUS IS ADVISED.

Ventilation:USE GENERAL OR LOCAL EXHAUST VENTILATION TO MEET TLV

REQUIREMENTS.

Protective Gloves:PROPER GLOVES ARE RECOMMENDED.

Eye Protection:SAFETY GLASSES WITH SIDESHIELDS.

Other Protective Equipment:NOT PROVIDED.

Work Hygienic Practices:NOT PROVIDED.

Supplemental Safety and Health

NONE

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

HCC:V5

NRC/State Lic Num:NOT RELEVANT.

Boiling Pt:=197.2C, 387.F

Melt/Freeze Pt:=-56.5C, -70.F

Decomp Temp:Decomp Text:NOT PROVIDED.

Vapor Density:2.6

Spec Gravity:1.13

pH:NOT PROVIDED.

Viscosity:N

OT PROVIDED.

Evaporation Rate & Reference:SLIGHT (N-BUTYL ACETATE=1

Solubility in Water:COMPLETE

Appearance and Odor:BLUE-GREEN, SLIGHT ODOR.

Percent Volatiles by Volume:NOT PROVIDED

Corrosion Rate:NOT PROVIDED.

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

Stability Indicator/Materials to Avoid:YES

STRONG ALKALIS, OXIDIZING AGENTS.

Stability Condition to Avoid:HEAT, SPARKS, OPEN FLAME.

===== Toxicological Information =====

Toxicological

Information:NOT PROVIDED.

===== Ecological Information =====

Ecological:NOT PROVIDED.

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

Waste Disposal Methods:NOT PROVIDED. HMIS: OBSERVE ALL FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

===== MSDS Transport Information =====

Transport Information:DOMESTIC (D.O.T.): NOT REGULATED. SHIPPING NAME: NONE. HAZARD CLASS: NONE. LABEL: NONE.

===== Regulatory Information =====

SARA Title III Information:NOT PROVIDED.

Federal Regulatory Information:NOT PROVIDED.

State Regulatory Information:NOT PROVIDED.

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