

FIRST BRAND CORP -- PRESTONE SPRAY DE-ICER -- 6850-00-835-0484

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Product Identification
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Product ID:PRESTONE SPRAY DE-ICER

MSDS Date:11/11/1989

FSC:6850

NIIN:00-835-0484

MSDS Number: BWCDZ

=== Responsible Party ===

Company Name:FIRST BRAND CORP

Address:83 WOOSTER HEIGHTS RD, BLDG 301

Box:1911

City:DANBURY

State:CT

ZIP:06813-1911

Country:US

Info Phone Num:203-731-2300, 803-554-4208

Emerge

ncy Phone Num:203-731-2300, CHEMTREC 800-424-9300

Preparer's Name:R.L.LEWIS

CAGE:0CXZ7

=== Contractor Identification ===

Company Name:PRESTONE PRODUCTS CORP

Address:39 OLD RIDGEBURY RD

Box:City:DANBURY

State:CT

ZIP:06810-5109

Country:US

Phone:203-731-3686/830-7865

CAGE:0CXZ7

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Composition/Information on Ingredients
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Ingred Name:METHYL ALCOHOL (METHANOL) (SARA III)

CAS:67-56-1

RTECS #:PC1400000

Fraction by Wt: 70-80%

Other REC Limits:200 PPM

OSHA PEL:S,200PPM/250STEL

ACGIH TLV:S,200PPM/250STEL; 93
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:ETHYLENE GLYCOL (SARA III)
CAS:107-21-1
RTECS #:KW2975000
Fraction by Wt: 5-9%
Other REC Limits:10 MG/CUM
OSHA PEL:C 50 PPM
ACGIH TLV:C 50 PPM,VAPOR; 9192
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:PROPYLENE GLYCOL
CAS:57-55-6
RTECS #:TY2000000
Fraction by Wt: 5-9%
Other REC Limits:NONE RECOMMENDED

Ingred Name:CARBON DIOXIDE
CAS:124-38-9
RTECS #:FF6400000
Fraction by Wt: 1-5%
Other REC Limits:NONE RECOMMEN
DED
OSHA PEL:5000 PPM
ACGIH TLV:5000PPM/30000STEL;94

Ingred Name:NON HAZARDOUS INGREDIENT
Fraction by Wt: >1%
Other REC Limits:NONE RECOMMENDED

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: 5-9%
Other REC Limits:NONE RECOMMENDED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:CONTAINS METHANOL AND ETHYLENE GLYC

OL.

METHANOL CAN CAUSE NERVOUS SYSTEM EFFECTS, LIKE CENTRAL NERVOUS SYSTEM DEPRESSION. WITH MASSIVE OVERDOSE, LIVER, KIDNEY AND HEART MUSCLE INJURY HAVE BEEN DESCRIB ED. ONSET OF SYMPTOMS MAY BE DELAYED UPTO 48 HOURS. 60-200 ML. IS A FATAL DOSE FOR MOST ADULTS.

Explanation of Carcinogenicity:NOT CARCINOGENIC.

Effects of Overexposure:SWALLOWING-MAY CAUSE NAUSEA, ABDOMINAL PAIN, VOMITING, SHORTNESS OF BREATH, FATIGUE AND LEG CRAMPS.

INHALATION-MAY CAUSE DIZZINESS, DROWSINES

S, DISTURBANCE OF VISION &

TINGLING, NUMBNESS & SHOOTING PA INS IN THE HANDS & FOREARMS.

SKIN-MAY CAUSE REDDENING & DEFATTING OF SKIN. EYE-MILD REDNESS & SWELLING OF CONJUNCTIVA.

Medical Cond Aggravated by Exposure:DUE TO ITS DEFATTING PROPERTIES, METHANOL MAY AGGRAVATE AN EXISTING SKIN CONDITION, E.G.,ECZEMA. DUE TO ITS LIVER & KIDNEY INJURING POTENTIAL, THE PRODUCT MAY EXCERBATE EXISTING LIVER/KIDNEY DISEASE.

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===== First Aid Measures =====
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First Aid:SWALLOWING-GIVE 2 GLASSES OF WATER & INDUCE VOMITING IMMEDIATELY. GET MEDICAL HELP URGENTLY. SKIN-REMOVE CONTAMINATED CLOTHING. IMMEDIATELY WASH ALL AFFRECTED & EXPOSED AREAS WITH SOAP & WATER. INHALA TION-REMOVE TO FRESH AIR. IF HARD TO BREATHE, GIVE OXYGEN. ADMINISTER CPR IF BREATHING HAS STOPPED & SEEK MEDICAL ATTENTION. EYES-IMMEDIATELY FLUSH WITH COPIOUS AMOUNTS OF WATER FOR 15 MIN. SEE DOCTOR

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===== Fire Fighting Measures =====
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Flash Point Method:PMCC

Flash Point:69.0F,20.6C

Autoignition Temp:Autoignition Temp Text:UNKNON

Extinguishing Media:FOAM, ALCOHOL FOAM, CARBON DIOXIDE OR DRY CHEMICAL FOR SMALL FIRES. WATER FOG FOR LARGE FIRES.

Fire Fighting Procedures:NONE

Unusual Fire/Explosion Hazard:DO NOT INCINERATE AEROSOL CONTAINER OR STORE CONTAINER IN AREA ABOVE 120F. CANS OF PACKAGED PRODUCT MAY RUPTURE IF EXPOSED TO HEAT.

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===== Accidental Release Measures =====
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Spill Release Procedures:WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT & REMOVE ALL SOURCES OF IGNITION. COLLECT MATERIAL FOR DISPOSAL IN A CONTAINER SUITABLE FOR FLAMMABLE WASTE.

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

Handling and Storage Precautions:DANGER: FLAMMABLE. KEEP AWAY FROM SOURCES OF HEAT, SPARKS, FLAME AND OUT OF DIRECT SUNLIGHT. DO NOT EXPOSE TO TEMPERATURES ABOVE 120F.

Other Precautions:OBSERVE ALL REQUIREMENTS OF PLANT, COMPANY OR GOVERNMENT REGULATIONS. KEEP OUT OF REACH OF CHILDREN.

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

Respiratory Protection:FOR OPERATIONS WHERE THE TLV MAY BE EXCEEDED, A NIOSH/MSHA APPROVED SUPPLIED AIR RESPIRATOR IS RECOMMENDED. ODOR IS NOT RELIABLE INDICATOR OF OVEREXPOSURE, SO AIR-PURIFYING EQUIPMENT IS NOT RECOMMENDED.

Ventilation:GENERAL VENTILATION SHOULD BE ADEQUATE FOR NORMAL USE. FORCED VENTILATION SUCH AS LOCAL EXHAUST MAY BE NEEDED.

Pro

ective Gloves:NITRILE, BUTYL RUBBER GLOVES.

Eye Protection:SPLASH-PROOF GOGGLES RECOMMENDED.

Other Protective Equipment:PROTECTIVE CLOTHING IF NEEDED TO AVOID PROLONGED/REPEATED SKIN CONTACT. SUITABLE WASHING & EYE FLUSHING FACILITIES IN AREA

Work Hygienic Practices:CONTAMINATED CLOTHING SHOULD BE REMOVED AND LAUNDERED BEFORE RE-USE.

Supplemental Safety and Health

WASH EXPOSED SKIN WITH SOAP AND WATER. AVOID CONTACT WITH EYES, SKIN AND CLOTHING. DO NOT BREATHE VAPORS. USE ONLY WITH

ADEQUATE

VENTILATION. DO NOT SWALLOW. MAY BE FATAL OR CAUSE BLINDNESS IF SWALLOWED. DANGER: FLAMMABLE.

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

HCC:V3

Boiling Pt:B.P. Text:158F,70C

Melt/Freeze Pt:M.P/F.P Text:>-100F,>-73

Vapor Pres:47 MMHG

Vapor Density:>1

Spec Gravity:7.14 LBS/GAL

Evaporation Rate & Reference:6 (N-BUTYL ACETATE=1)

Solubility in Water:100%

Appearance and Odor:CLEAR COLORLESS LIQUID, ALCOHOL ODOR.

Percent Volatiles by Volume:100%

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

Stability Indicator/Materials to Avoid: YES

NORMALLY NONE.

Stability Condition to Avoid: HEAT, SPARKS AND OPEN FLAMES.

Hazardous Decomposition Products: BURNING MAY PRODUCE CARBON MONOXIDE AND CARBON DIOXIDE.

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

Waste Disposal Methods: WASTE MATERIAL IS A RCRA HAZARDOUS WASTE DUE TO IGNITABILITY. INCINERATION OR LANDFILLING SHOULD BE ACCARRIED OUT IN ACCORDANC

E WITH APPLICABLE RCRA FEDERAL, STATE AND LOCAL REGULATIONS.

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