BARNES GROUP INC BOWMAN DISTRIBUTION DIV -- WINDSHIELD WASHER CONCENTRATE -- 6850-00-926-2275

=====================  Product Identification  =====================

Product ID: WINDSHIELD WASHER CONCENTRATE
MSDS Date: 09/13/1988
FSC: 6850
NIIN: 00-926-2275
MSDS Number: BJPTL

=== Responsible Party ===
Company Name: BARNES GROUP INC BOWMAN DISTRIBUTION DIV
Address: 850 E 72ND ST
Box: 6908
City: CLEVELAND
State: OH
ZIP: 44101
Country: US
Emergency Phone Num: 216-391-7200
CAGE: 05573

=== Contractor Identification ===
Company Name: BOWMAN DISTRIBUTION, BARNES GROUP INC
Address: 1301 EAST 9TH ST, SUITE 700
Box: City: CLEVELAND
State: OH
ZIP: 44114-1824
Country: US
Phone: 216-416-7200
CAGE: 05573

=============  Composition/Information on Ingredients  =============

Ingred Name: METHYL ALCOHOL (METHANOL) (SARA III)
CAS: 67-56-1
RTECS #: PC1400000
Fraction by Wt: 95%
Other REC Limits: NONE SPECIFIED
OSHA PEL: S, 200PPM/250STEL
ACGIH TLV: S, 200PPM/250STEL; 9
Ingred Name: ETHANOLAMINE
CAS: 141-43-5
RTECS #: KJ5775000
Fraction by Wt: 2%
Other REC Limits: NONE SPECIFIED
OSHA PEL: 3 PPM/6 STEL
ACGIH TLV: 3 PPM/6 STEL; 9192

====================== 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: MAY BE FATAL OR HARMFUL IF SWALLOWED.
MAY CAUSE BLINDNESS IF SWALLOWED. HARMFUL IF INHALED. REPEATED
CONTACT WITH SKIN CAN CAUSE IRRITATION.
Effects of Overexposure: DIZZINESS IF INHALED, REDNESS OF SKIN AFTER
PROLONGED CONTACT.

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

First Aid: IF INGESTED INDUCE VOMITING, IF INHALED REMOVE TO FRESH AIR.
IN CASE OF EYE CONTACT FLUSH WITH WATER FOR 15 MIN. CALL PHYSICIAN
IMMEDIATELY.

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

Flash Point Method: TCC
Flash Point: 53.0F, 1
1.7C
Lower Limits: 6.7
Upper Limits: 36
Extinguishing Media: CARBON DIOXIDE, FOAM, DRY CHEMICAL
Fire Fighting Procedures: USE WATER SPRAY TO COOL TANKS OR CONTAINERS.
Unusual Fire/Explosion Hazard: RATED 1B FLAME IS INVISIBLE IN DAYLIGHT.
MIXTURES WITH 25% OR MORE OF CONCENTRATE ARE FLAMMABLE.

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

Spill Release Procedures: DIKE SPILL, SOAK UP WITH ABSORBENT MATERIAL.
LARGE SPILLS - REMOVE ALL SOURCES OF IGNITION.

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Handling and Storage Precautions: KEEP FROM HEAT, SPARKS AND OPEN FLAMES.
Other Precautions: NONE

Exposure Controls/Personal Protection

Respiratory Protection: NONE IN CONSUMER PACKAGING.
Ventilation: NORMAL LOCAL EXHAUST VENTILATION.
Protective Gloves: NONE IN CONSUMER PACKAGING.
Eye Protection: NONE IN CONSUMER PACKAGING.
Other Protective Equipment: IN CASE OF LARGE SPILL, USE APPLICABLE SAFETY EQUIPMENT.

Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.
Supplemental Safety and Health
NONE

Physical/Chemical Properties

HCC: F2
Boiling Pt: 63.9°C, 147.0°F
Vapor Press: 138°F
Vapor Density: 1.1
Spec Gravity: 0.793
pH: 10.7
Evaporation Rate & Reference: 3.5
Solubility in Water: COMPLETE
Appearance and Odor: BLUE COLOR, ALCOHOL ODOR.
Percent Volatiles by Volume: 98

Stability and Reactivity Data

Stability Indicator/Materials to Avoid: YES STRONG OXIDIZERS.
Stability Condition to Avoid: NONE SPECIFIED BY MANUFACTURER.
Hazardous Decomposition Products: CARBON MONOXIDE

Disposal Considerations

Waste Disposal Methods: INCINERATION.

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