

HY-TEST INDUSTRIES -- #186 WINDSHIELD ANTI FREEZE -- 6850-01-347-0073

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

Product ID:#186 WINDSHIELD ANTI FREEZE

MSDS Date:02/01/1999

FSC:6850

NIIN:01-347-0073

Status Code:A

MSDS Number: CLCRN

=== Responsible Party ===

Company Name:HY-TEST INDUSTRIES

Address:99 MORRIS AVE

City:SPRINGFIELD

State:NJ

ZIP:07081

Country:US

Info Phone Num:516-593-1434

Emergency Phone Num:

1-800-535-5053 INFOTRAC

CAGE:5Y175

=== Contractor Identification ===

Company Name:HY-TEST INDUSTRIES

Address:99 MORRIS AVE

Box:City:SPRINGFIELD

State:NJ

ZIP:07081

Country:US

Phone:516-593-1434

Contract Num:SP0450-01-M-ZB02

CAGE:5Y175

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

Ingred Name:METHYL ALCOHOL

CAS:67-56-1

RTECS #:PC1400000

OSHA PEL:260 MG/M3;200 PPM

ACGIH TLV:262 MG/M3;200 PPM

ACGIH STEL:328 MG/M3;250 PPM

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

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Hazards Identification
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LD50 LC50 Mixture:NO DATA PROVIDED BY MANUFACTURER.

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

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:SKIN: CONTACT MAY CAUSE DEFATTING AND MILD DERMATITIS. INGESTION: INGESTING 1 OZ TO 4 OZ. MAY CAUSE BLINDNESS AND DEATH. INHALATION: MAY CAUSE COUGHING, SHORTNESS OF BREATH, DIZZINESS, INTOXICATION AND COLLAPSE.

Explanation of Carcinogenicity:NO DATA PROVIDED BY MANUFACTURER.

Effects of Overexposure:SKIN: DEFATTING, DERMATITIS. INGESTION:

BLINDNESS, DEATH. INHALATION: COUGHING, SHORTNESS OF BREATH, DIZZINESS, INTOXICATION, AND COLLAPSE.

Medical Cond Aggravated by Exposure:RESPIRATORY DISORDERS.

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First Aid Measures
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First Aid:SKIN: WASH WITH SOAP AND WATER. SEE PHYSICIAN IF IRRITATION PERSISTS. EYES: IRRIGATE AND GET IMMEDIATE MEDICAL ATTENTION.

INHALATION: RE

MOVE TO FRESH AIR. ADMINISTER OXYEN OR ARTIFICIAL.

RESPIRATION A S NEEDED. GET MEDICAL ATTENTION. INGESTION: IF

CONSCIOUS, DRINK 1 PINT OF LUKEWARM WATER AND INDUCE VOMITING WITH SYRUP OF IPECAC. GET IMMEDIATE MEDICAL ATTENTION.

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Fire Fighting Measures
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Flash Point Method:CC

Flash Point:=10.C, 50.F

Lower Limits:6

Upper Limits:36

Extinguishing Media:DRY CHEMICAL, CO2, FOAM FOR ALCOHOLS, WATERSPRAY, WATER FOG.

Fire Fighting Procedures:F

IRE MAY NOT BE VISIBLE TO THE NAKED EYE.

PROPER EQUIPMENT MUST BE WORN. HEAT MAY BUILD PRESSURE, APPLY AQUEOUS EXTINGUISHING MEDIA CAREFULLY TO AVOID FROTHING AND LIMIT EXPOSURE OF NEARBY EQUIPMENT.

Unusual Fire/Explosion Hazard:RELEASES FLAMMABLE VAPORS BELOW NORMAL AMBIENT TEMPERATURES. WHEN MIXED WITH AIR AND EXPOSED TO IGNITION SOURCE, CAN BURN IN OPEN OR EXPLODE IF CONFINED.

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Accidental Release Measures
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Spill Release Procedures:EV

ACUATE. REMOVE ALL SOURCES OF IGNITION.

VENTILATE. SOAK UP SMALL SPILL WITH INERT SOLIDS. USE SUITABLE DISPOSAL CONTAINERS.

Neutralizing Agent:NO DATA PROVIDED BY MANUFACTURER

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

Handling and Storage Precautions:KEEP CONTAINERS CLOSED TIGHT/ AWAY FROM HEAT/ SPARKS/ OPEN FLAMES/ OXIDIZING AGENTS/ KEEP BUNG IN UP POSITION/ CAREFULLY VENT INTERNAL PRESSURE BEFORE REMOVING CLOSURE.

Other Precautions:DO NOT STORE IN ALUMINUM OR GALVANIZED ZINC. HANDLE

"EMPTY" DRUMS WITH CARE-VAPOR RESIDUE MAY BE FLAMMABLE-HAZARDOUS.

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

Respiratory Protection:NIOSH/MSHA APPROVED SUPPLIED AIR OR SELF-CONTAINED BREATHING APPARATUS.

Ventilation:SPECIAL: DO NOT USE AIR-PURIFYING RESPIRATOR.

Protective Gloves:IMPERMEABLE GLOVES.

Eye Protection:CHEMICAL SPLASH GOGGLES OR FACE SHIELD.

Other Protective Equipment:IMPERMEABLE CLOTHING, BOOTS, FULL HEAD AND FACE SHIELD.

EYE WASH SHOULD BE AVAILABLE.

Work Hygienic Practices:WASH AFTER HANDLING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

NO DATA PROVIDED BY MANUFACTURER.

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

HCC:F2

Boiling Pt:=63.9C, 147.F

B.P. Text:@760.0 MM HG

Vapor Pres:96 MMHG @68F

Spec Gravity:0.79 (H2O=1)

Evaporation Rate & Reference:>1 (ETHER=1)

Solubility in Water:COMPLETE.

Appearance and Odor:CLEAR ODORLESS LIQ.;FAINT ALC

OHOL ODOR;ODOR NOT

GOOD EXPOSURE LEVEL INDICATOR.

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS; ALUMINUM, ZINC, ANY REACTIVE METAL WHICH DISPLACES HYDROGEN; CERTAIN PLASTICS, RUBBER, AND COATINGS.

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

Hazardous Decomposition Products:BURNING WILL GENERATE CARBON MONOXIDE AND OTHER TOXIC VAPORS SUCH AS FORMALDEHYDE.

Condit

ions to Avoid Polymerization:WILL NOT OCCUR.

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

Toxicological Information:METHYL ALCOHOL, CAS#67-56-1: OSHA, PEL = 200
PMM; ACGIH,TLV = 200 PPM; OTHER LIMITS: 250 PPM (STEL)

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

Ecological:NO DATA PROVIDED BY MANUFACTURER.

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

Waste Disposal Methods:INCINERATE ACCORDING TO FEDERAL, STATE AND LOCAL
REGULATIONS.

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

Transport Information:DOT SHIPPING CLASSIFICATION: UN 1230, FLAMMABLE
LIQUID.

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

SARA Title III Information:METHYL ALCOHOL, CAS# 67-56-1 IS SUBJECT TO
SARA SECTION 311,312, AND 313.

Federal Regulatory Information:NO DATA PROVIDED BY MANUFACTURER.

State Regulatory Information:NO DATA PROVIDED BY MANUFACTURER

===== Other Information =====

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