

DOUGLAS PRODUCTS & PACKAGING

1550 E. Old 210 Hwy., Liberty, Missouri (816) 781-4250

MATERIAL SAFETY DATA SHEET

I. PRODUCT IDENTIFICATION

MANUFACTURER'S NAME:Douglas Products & Packaging
ADDRESS:1550 E. Old 210 Hwy., Liberty, Missouri 64068
EMERGENCY PHONE NUMBER:1-800-424-9300
REGULAR PHONE NUMBER:(816) 781-4250
FAX NUMBER:(816) 781-1043

"WIPER BLUE" WINDSHIELD WASHER FLUID -20°F.

DATE PREPARED:February 9, 1999

II. HAZARDOUS INGREDIENTS

MATERIAL OR COMPONENT	CAS#	%	OSHA PEL	TLV	HAZARD DATA
Deionized Water	7732-18-5	67.00			
Methanol	67-56-1	33.00			
Pyaklor S-405 Blue		N/A			

HMIS:Health-1, Flammability-3, Reactivity-0, Personal Protection-B

III. PHYSICAL DATA

BOILING POINT:181 Degrees F.
MELTING POINT:N/A
SPECIFIC GRAVITY:.9315
VAPOR PRESSURE:40 mm
VAPOR DENSITY:34
SOLUB. IN WATER:100%
EVAPORATION RATE:3.50
APPEARANCE AND COLOR:Clear/Blue

IV. FIRE AND EXPLOSION DATA

FLASH POINT:98 Degrees F.

FLAMMABLE LIMITS:Lower-7.5, Upper-N/A

EXTINGUISHING MEDIA:Dry Chemical, Carbon Dioxide, Halon, Polar or Alcohol Foam or Water Spray is recommended.

SPECIAL FIRE FIGHTING PROCEDURES:Wear appropriate protective equipment including respiratory protection as conditions warrant.

UNUSUAL FIRE AND EXPLOSION HAZARDS:Material is flammable.

V. HEALTH HAZARD INFORMATION

ROUTES OF ENTRY:Inhalation: Yes Skin: Yes Ingestion: Yes

INHALATION:Low degree of toxicity.

SKIN:May cause mild irritaiton.

EYES:N/A

INGESTION:Toxic and may be harmful if swallowed.

EFFECTS OF EXPOSURE:Irritation of digestive tract. Signs of nervous system depression. (Headache, drowsiness, dizziness, loss of coordination and fatigue.) (Including blindness, convulsions, coma and death.)

EMERGENCY AND FIRST AID:Have physician call CHEMTREC at 1-800-424-9300 (24 hours).

CARCINOGENICITY:NTP-No, IARC-No, OSHA-No

VI. REACTIVITY DATA

CONDITIONS CONTRIBUTING TO INSTABILITY:Avoid all possible sources of ignition.

INCOMPATIBILITY:Avoid contact with strong oxidizers and strong acids.

HAZARDOUS DECOMPOSITION PRODUCTS:Combustion may yield Carbon Monoxide and/or Carbon Dioxide. Do not breath smoke or fumes. Wear appropriate protective clothing.

CONDITIONS CONTRIBUTING TO HAZARDOUS POLYMERIZATION:None Know.

VII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN MATERIAL IS RELEASED OR SPILLED:Flammable, keep all sources of ignition away. Isolate hazard area and limite entry. Prevent from entering sewers, storm drains, etc. Use absorbent material. Dispose of material appropriately.

WASTE DISPOSAL METHOD:Dispose of product in accordance with local, county and federal regulations.

VIII. SPECIAL PROTECTION INFORMATION

VENTILATION REQUIREMENTS:Local exhaust is preferable.

RESPIRATORY PROTECTION:None

EYE:Approved eye protection recommended.

GLOVES:Avoid skin contact, possible irritation.

OTHER CLOTHING AND EQUIPMENT:N/A

IX. SPECIAL PRECAUTIONS

PRECAUTIONARY STATEMENTS:Do not double stack, keep containers upright and tightly closed.

OTHER HANDLING AND STORAGE REQUIREMENTS:N/A
