

For Pit Crew

MATERIAL SAFETY DATA SHEET

1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: **0020 Advantage Windshield Washer Concentrate**

Page 1 of 2



MORROW MFG. LLC, 1360 SOUTHERN ROAD, MORROW, GA 30260
For Chemical Emergency- Spill, Leak, Fire, Exposure, or Accident
CALL CHEMTREC - DAY OR NIGHT **(800) 424-9300**
For other information call (800) 966-CHEM (8am-5pm CST)
DATE PREPARED: March 4, 2003 SUPERCEDES: November 3, 2001

2 - COMPOSITION/INFORMATION ON INGREDIENTS

<u>Hazardous Component</u>	<u>CAS Reg. No</u>	<u>PEL</u>	<u>TLV</u>	<u>Comments</u>
Methyl Alcohol	67-56-1	200ppm	200ppm	

3 - HAZARDS IDENTIFICATION

Emergency Overview

Product may poses an immediate concerns for health or safety. Contains methanol. Excessive exposure may cause respiratory irritation, visual disturbances and nausea. The product is a thin clear blue liquid.

Potential Health Effects

Eyes: Mist and vapors may be irritating to eyes.
Skin: Prolonged and repeated contact may cause irritation and dermatitis. Absorption may be at a toxic level.
Ingestion: May be irritating to mouth and throat. May cause nausea. Large amounts may cause blindness or death.
Inhalation: Mist may be irritating to the upper respiratory tract.
Chronic Effects: Nervous system damage may occur.
Signs and Symptoms: Irritation of eyes, skin and mucous membranes.

Potential Environmental Effects

None known

4 - FIRST AID MEASURES

First Aid Procedures

Eyes: Remove contact lenses if worn. Flush eyes for 15 minutes with clean water being sure to rinse under eyelids. Seek medical attention.
Skin: Remove contaminated clothing and wash with soap and water.
Ingestion: Do not induce vomiting. Seek immediate medical attention.
Inhalation: Remove to fresh air. If difficulty in breathing occurs, seek medical attention.

Notes to Physicians

None

5 - FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES: Flash Point(Method): 55 degrees F (TCC). Burns with a colorless flame.
EXTINGUISHING MEDIA: Water spray, dry chemical, or alcohol compatible foam.
PROTECTION OF FIREFIGHTERS: Use NIOSH approved respiratory protection.

6 - ACCIDENTAL RELEASE MEASURES

Eliminate all sources of ignition. Contain the spill. Mop up or absorb onto absorbent material and collect for disposal. Dispose of in accordance with all Federal, State, local or corporate regulations. Read and understand MSDS before using this product.

7 - HANDLING AND STORAGE

HANDLING: Keep container closed when not in use. Wear appropriate personal protective equipment when handling this product. Avoid spills. Eliminate sources of ignition in the storage area.
STORAGE: Store in a cool dry area. Avoid extremes of temperature. **KEEP OUT OF REACH OF CHILDREN.**

Print Date: 3/7/2003

MATERIAL SAFETY DATA SHEET

Page 2 of 2

PRODUCT NAME: **0020 Advantage Windshield Washer Concentrate**

8 - EXPOSURE CONTROL AND PERSONAL PROTECTION

ENGINEERING CONTROLS: Use this product in a well ventilated area.

PERSONAL PROTECTIVE EQUIPMENT:

Eye/Face Protection: Wear safety glasses if splashing of product is likely.

Skin Protection: Wear rubber or neoprene gloves when handling this product.

General Hygiene Considerations: Wash thoroughly after handling. Avoid breathing mist or vapor. Avoid contact with eyes or skin.

Exposure Guidelines: See Composition Section for exposure guidelines.

9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Thin, clear blue liquid.

Odor: Methanol/solvent.

pH: Concentrate- 7-8

Vapor Density: >1

Boiling Point: 149 degrees F

Solubility: Completely soluble in water

Specific Gravity: 0.80

VOC content: 76%

Evaporation Rate(Water = 1): >1

Vapor Pressure: 100mmHg@ 68 degrees F

10 - STABILITY AND REACTIVITY

This product is stable. Hazardous polymerization will not occur.

11 - TOXICOLOGICAL INFORMATION

No unusual toxicological hazards when used in accordance with this MSDS. Product can not be made non-hazardous. Long term overexposure may cause systemic poisoning, impaired vision or blindness. May cause birth defects in rats at high concentrations.

12 - ECOLOGICAL INFORMATION

All detergents used in this product are biodegradable. Do not discharge directly to surface waters.

13 - DISPOSAL CONSIDERATIONS

Dispose of in accordance with Federal, State, local and corporate requirements. Unused product is RCRA listed (U154). Avoid disposal by using product as intended.

14 - TRANSPORT INFORMATION

Methanol Solution, 3, UN1230, PGII

15 - REGULATORY INFORMATION

TSCA: All ingredients are listed on the inventory.

SARA Title III(312/313) Hazard Classes: Reportable, RQ-980 gal

16 - OTHER INFORMATION

This Material Safety Data Sheet complies with OSHA standard 29 CFR 1910.1200 and ANSI Z400.1-1996.

The following hazard ratings are recommended for container labeling.

NFPA (National Fire Protection Association)

Fire	3	0 = Insignificant
Health	1	1 = Slight
Reactivity	0	2 = Moderate
Specific Hazard	none	3 = High
		4 = Extreme

The information contained herein is believed to be accurate but is not warranted to be so. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed.