



MATERIAL SAFETY DATA SHEET

SECTION 1 -- CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME | Austin Windshield Washer Fluid (pre-mixed) -20

PRODUCT CODE | 54200 00080

ISSUE DATE | March 19, 2003

EMERGENCY TELEPHONE NUMBERS

Medical Information: 1-866-359-5662
Transportation: 1-800-424-9300*
* For spill, leak, fire or transport accident emergencies.
Product Information: 724-625-1535

MANUFACTURER | James Austin Company
STREET ADDRESS | 115 Downieville Road
CITY, STATE, ZIP | Mars, PA 16046

SECTION 2 -- COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENT	CAS No.	% by wt.	EXPOSURE LIMITS		
			OSHA PEL	ACGIH TLV	NIOSH REL
Methanol	67-56-1	29.47	200 ppm	200 ppm	None

SECTION 3 -- HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW	Can cause eye and skin irritation. Harmful if swallowed Irritating to respiratory tract. Danger: Poison, Flammable
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POTENTIAL HEALTH EFFECTS	
INGESTION	Can cause blindness.
INHALATION	May cause headaches, dizziness, nausea, incoordination, drowsiness, visual impairment and unconsciousness.
EYE CONTACT	Irritating to eyes; may cause severe and permanent damage.
SKIN CONTACT	Prolonged or repeated contact without rinsing with water may cause irritation.

SECTION 4 -- FIRST AID MEASURES

INGESTION	Do not give liquid if victim is unconscious or drowsy. Otherwise, give 1 or 2 glasses of water. Call doctor, hospital emergency room or poison control center for instructions to induce vomiting. When medical advice is not available, induce vomiting using syrup of ipecac according to directions. If ipecac not available, induce vomiting with finger or back of spoon by touching the back of the victim's throat. Get medical attention.
INHALATION	If exposed to excessive levels of vapors, remove to fresh air.
EYE CONTACT	Immediately flush eye with plenty of cool, running water. Remove contact lenses if applicable, and continue flushing for at least 15 minutes, holding eyelids apart to ensure thorough rinsing of the entire eye. Speed is essential to minimize injury. Call a physician immediately.
SKIN CONTACT	Immediately flush skin with plenty of cool running water for at least 15 minutes. Wash with soap and water. If irritation develops or persists, get medical attention. Remove contaminated clothing and shoes; wash before reuse.
NOTE TO PHYSICIAN	

SECTION 5 -- FIRE FIGHTING MEASURES

FLASH POINT / METHOD	112 deg F	FLAMMABLE LIMITS	LEL: 6.7% UEL: 36.5%
EXTINGUISHING MEDIA	Use of dry chemical, carbon dioxide, water spray, alcohol foam		
SPECIAL FIRE FIGHTING PROCEDURES	Use fog or spray to prevent flooding. Be prepared to use MSHA-NIOSH self-contained breathing apparatus and protective clothing.		
FIRE AND EXPLOSION HAZARDS	Treat as a flammable liquid. There is the chance of a moderate explosion and/or dangerous fire hazard.		

SECTION 6 -- ACCIDENTAL RELEASE MEASURES

RESPONSE TO SPILLS	Eliminate all sources of ignition immediately. Mop up residue and rinse area thoroughly with water. Contain run-off with absorbent materials such as sand or clay and diking. Transfer liquid and absorbent material in approved container. Flush and mop area with water allowing to air dry. Keep spill out of sewers and open bodies of water.
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SECTION 7 -- HANDLING AND STORAGE

HANDLING PRECAUTIONS	Follow directions on label. Wash after handling and before eating.
STORAGE PRECAUTIONS	Store container upright. Tighten cap securely. Avoid heat, sparks, and flames. Protect container from physical damage. Keep away from children.

SECTION 8 -- EXPOSURE CONTROLS / PERSONAL PROTECTION

HYGIENIC PRACTICES	Avoid breathing vapors. Use with adequate ventilation. Wash thoroughly with soap and water after handling. Follow directions on label. Do not store near food stuffs, water or feed.
ENGINEERING CONTROLS	Use local ventilation to remove vapors at the source.

PERSONAL PROTECTIVE EQUIPMENT

	RESPIRATOR	Use NIOSH approved respirator if exposure exceeds PEL or TLV limits.
X	GOGGLES / FACE SHIELD	Chemical splash goggles required; also use face shield if exposure is severe
	APRON	Recommended; PVC, Neoprene or Vinyl acceptable
	GLOVES	Recommended; use impervious PVC or Neoprene with long gauntlet
	BOOTS	Recommended to protect shoes and feet when using product for floor cleaning

SECTION 9 -- PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Clear blue liquid	BOILING POINT	148 deg F
ODOR	Slight alcohol aroma	FREEZING POINT	-20 deg F
pH	8.0 – 9.0	VAPOR PRESSURE	97
SPECIFIC GRAVITY	0.960	VAPOR DENSITY	1.11
SOLUBILITY IN WATER	100%	EVAPORATION RATE	5.9

SECTION 10 -- STABILITY AND REACTIVITY

CHEMICAL STABILITY		STABLE	X		UNSTABLE	
CONDITIONS TO AVOID	Heat, sparks, flames. No smoking when using.					
INCOMPATIBILITY	Strong oxidizing agents such as nitrates or sulfuric acid.					
HAZARDOUS PRODUCTS OF DECOMPOSITION	Burning may produce carbon monoxide and formaldehyde.					
POLYMERIZATION		WILL NOT OCCUR	X		MAY OCCUR	
CONDITIONS TO AVOID	Not applicable					

SECTION 11 -- TOXICOLOGICAL INFORMATION

CARCINOGENICITY

	THIS PRODUCT CONTAINS A KNOWN OR SUSPECTED CARCINOGEN
X	THIS PRODUCT DOES NOT CONTAIN ANY KNOWN OR ANTICIPATED CARCINOGENS ACCORDING TO THE CRITERIA OF THE NTP ANNUAL REPORT ON CARCINOGENS AND OSHA 29 CFR 1910, Z

OTHER EFFECTS

ACUTE	Not determined
CHRONIC	Not determined

SECTION 12 -- ECOLOGICAL INFORMATION

BIODEGRADABILITY		CONSIDERED BIODEGRADABLE	X		NOT BIODEGRADABLE	
BOD / COD VALUE	Not established					
ECOTOXICITY	No data available					

SECTION 13 -- DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD	Poison Disposal: Poison wastes are acutely hazardous. Improper disposal of excess poison, spray or mixture of rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste Representative at the nearest EPA regional office for guidance. Container Disposal: Triple rinse. Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities by burning. If burned stay out of smoke. Do not reuse empty container (bottle, can, bucket). Wrap container and put in trash. Do not add this product to any irrigation system.							
RCRA CLASSIFICATION	Non-hazardous							
RECYCLE CONTAINER		YES	X		CODE	2 - HDPE		NO

SECTION 14 -- TRANSPORT INFORMATION

DOT CLASSIFICATION		HAZARDOUS			NOT HAZARDOUS	X
DOT Proper Shipping Name	Methanol Solution					
Hazard Class	3					
Identification Number	UN 1230					
Packing Group	III					
Label/Placard	Flammable Liquid					
RQ	Methanol 5000 lbs (2270 kg)					
Exceptions	Consumer Commodity, ORM-D; Exempted by DOT for containers of 1 gallon or less.					

SECTION 15 -- REGULATORY INFORMATION

REGULATORY STATUS

	EPA REGISTERED (UNDER FIFRA)	
	FDA REGULATED	
	KOSHER	
X	SARA TITLE III MATERIAL	Section 304
	USDA AUTHORIZED	

SECTION 16 -- OTHER INFORMATION

NFPA CLASSIFICATION

1	BLUE	HEALTH HAZARD
3	RED	FLAMMABILITY
0	YELLOW	REACTIVITY
--	WHITE	SPECIAL HAZARD

Information contained in this MSDS refers only to the specific material designated and does not relate to any process or use involving other materials. This information is based on data believed to be reliable, and the Product is intended to be used in a manner that is customary and reasonably foreseeable. Since actual use and handling are beyond our control, no warranty, express or implied, is made and no liability is assumed by James Austin Company in connection with the use of this information.