



# MATERIAL SAFETY DATA SHEET

## SECTION 1 -- CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME | Austin Windshield De-Icer Fluid

PRODUCT CODE | 817 (UPC 54200 00083)

### EMERGENCY TELEPHONE NUMBERS

ISSUE DATE | March 19, 2003

MANUFACTURER

STREET ADDRESS

CITY, STATE, ZIP

James Austin Company

115 Downieville Road

Mars, PA 16046

Medical Information: 1-866-359-5662

Transportation: 1-800-424-9300\*

\* For spill, leak, fire or transport accident emergencies.

Product Information: 724-625-1535

## SECTION 2 -- COMPOSITION / INFORMATION ON INGREDIENTS

| HAZARDOUS<br>COMPONENT | CAS No. | % by wt. | EXPOSURE LIMITS |             |  |
|------------------------|---------|----------|-----------------|-------------|--|
|                        |         |          | OSHA PEL        | ACGIH TLV   | NIOSH REL                                    |
| Methanol               | 67-56-1 | 30.9     | 200 ppm TWA     | 200 ppm TWA | 200 ppm TWA<br>250 ppm STEL<br>6000 ppm IDLH |
| Propylene glycol       | 57-55-6 | 3.0      | None            | None        | None   |
|                        |         |          |                 |             |  |
|                        |         |          |                 |             |  |
|                        |         |          |                 |             |  |
|                        |         |          |                 |             |  |

## SECTION 3 -- HAZARDS IDENTIFICATION

|                       |   |
|-----------------------|---|
| EMERGENCY<br>OVERVIEW | May cause eye, skin and respiratory irritation.<br>Vapor Harmful. May be fatal or cause blindness if swallowed.<br>Danger: Poison. Flammable. |
|-----------------------|---|

|                          |   |
|--------------------------|---|
| POTENTIAL HEALTH EFFECTS |   |
| INGESTION .....          | May cause mild irritation to mouth, throat, esophagus and stomach.  |
| INHALATION .....         | High concentrations of mists or vapors may cause mild upper respiratory tract irritation with coughing and nasal discharge. |
| EYE CONTACT .....        | May cause mild irritation with tearing, stinging and redness.   |
| SKIN CONTACT .....       | May cause mild irritation. Repeated or prolonged contact may cause dry and cracked skin with redness and burning.           |

## SECTION 4 -- FIRST AID MEASURES

|                   |   |
|-------------------|---|
| INGESTION         | Immediately rinse mouth with water. If within 30 minutes after ingestion, give a small glass of water or milk (NEVER give anything by mouth to an unconscious person). Do not induce vomiting unless instructed to do so. Seek medical attention immediately. |
| INHALATION        | Remove to fresh air. Seek medical attention immediately if breathing becomes difficult or if overcome by inhalation.  |
| EYE CONTACT       | Immediately flush with plenty of water. Remove any contact lenses and continue flushing for at least 15 minutes. Seek medical attention immediately if irritation develops or persists.   |
| SKIN CONTACT      | Remove contaminated clothing. Flush affected area with water for at least 15 minutes. Wash affected area with mild soap and water. Seek medical attention if symptoms develop or persist.   |
| NOTE TO PHYSICIAN |   |

## SECTION 5 -- FIRE FIGHTING MEASURES

|                                  |   |                  |     |
|----------------------------------|---|------------------|-----|
| FLASH POINT / METHOD             | 112 deg F   | FLAMMABLE LIMITS | NDA |
| EXTINGUISHING MEDIA              | For small fires, use dry chemical carbon dioxide, water spray, or regular foam. For larger fires, use water spray, fog, or regular foam.  |                  |     |
| SPECIAL FIRE FIGHTING PROCEDURES | Wear fire fighting turn-out gear (full Bunker gear) and use self-contained breathing apparatus (SCBA). Do not use straight streams of water.  |                  |     |
| FIRE AND EXPLOSION HAZARDS       | Flammable Liquid. Can be ignited by heat, sparks or flames. Vapors may form explosive mixtures with air and may travel to source of ignition and flash back. Runoff to sewer may create fire or explosion hazard. Containers may explode when heated. |                  |     |

## SECTION 6 -- ACCIDENTAL RELEASE MEASURES

|                    |  |
|--------------------|--|
| RESPONSE TO SPILLS | Eliminate all ignition sources. Use clean non-sparking tools to collect absorbed material. Prevent entry into waterway, sewers, basements or confined areas. Absorb or cover with dry earth, sand or non-combustible absorbent material. |
|--------------------|--|

## SECTION 7 -- HANDLING AND STORAGE

|                      |  |
|----------------------|--|
| HANDLING PRECAUTIONS | Use with adequate ventilation.   |
| STORAGE PRECAUTIONS  | Store upright in cool, dry, well ventilated area out of direct sunlight. Store away from incompatible materials. Use with proper personal protective equipment. Do not reuse container. Keep out of reach of children. |

## SECTION 8 -- EXPOSURE CONTROLS / PERSONAL PROTECTION

|                      |   |
|----------------------|---|
| HYGIENIC PRACTICES   | Use good personal and industrial hygiene practices. Wash thoroughly after handling product. |
| ENGINEERING CONTROLS | Use local ventilation to remove vapors at the source.                                       |

### PERSONAL PROTECTIVE EQUIPMENT

|   |                              |  |
|---|------------------------------|--|
| X | <b>RESPIRATOR</b>            | Use NIOSH approved respirator if exposure exceeds PEL or TLV limits. |
| X | <b>GOGGLES / FACE SHIELD</b> | Goggles are recommended if splash potential exists.                  |
| X | <b>APRON</b>                 | Recommended to keep clothing dry during use                          |
| X | <b>GLOVES</b>                | Recommend neoprene or butyl gloves                                   |
|   | <b>BOOTS</b>                 |  |

## SECTION 9 -- PHYSICAL AND CHEMICAL PROPERTIES

|                     |                      |                  |     |
|---------------------|----------------------|------------------|-----|
| APPEARANCE          | Light yellow liquid  | BOILING POINT    | NDA |
| ODOR                | Slight alcohol aroma | FREEZING POINT   | NDA |
| pH                  | 9.0                  | VAPOR PRESSURE   | NDA |
| SPECIFIC GRAVITY    | .955                 | VAPOR DENSITY    | NDA |
| SOLUBILITY IN WATER | NDA                  | EVAPORATION RATE | NDA |
|                     |                      |                  |     |

## SECTION 10 -- STABILITY AND REACTIVITY

|                                     |  |                |   |  |           |  |
|-------------------------------------|--|----------------|---|--|-----------|--|
| CHEMICAL STABILITY                  |  | STABLE         | X |  | UNSTABLE  |  |
| CONDITIONS TO AVOID                 | No special precautions beyond standard safe industrial practices |                |   |  |           |  |
| INCOMPATIBILITY                     | Avoid contact with strong oxidizers                              |                |   |  |           |  |
| HAZARDOUS PRODUCTS OF DECOMPOSITION | Carbon monoxide and carbon dioxide                               |                |   |  |           |  |
| 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 | <input type="checkbox"/> | Considered Biodegradable | X | <input type="checkbox"/> | Not Biodegradable |  |
| BOD / COD Value  |                          | Not established          |   |                          |                   |  |
| Ecotoxicity      |                          | No data available        |   |                          |                   |  |

## SECTION 13 -- DISPOSAL CONSIDERATIONS

|                       |   |     |   |                          |      |          |  |                          |    |  |
|-----------------------|---|-----|---|--------------------------|------|----------|--|--------------------------|----|--|
| Waste Disposal Method | Consult a local expert for advice on disposal. Ensure that disposal is in compliance with local, state and federal regulations. |     |   |                          |      |          |  |                          |    |  |
| RCRA Classification   | No data available   |     |   |                          |      |          |  |                          |    |  |
| Recycle Container     |   | YES | X | <input type="checkbox"/> | Code | 2 - HDPE |  | <input type="checkbox"/> | NO |  |

## SECTION 14 -- TRANSPORT INFORMATION

| DOT Classification       | <input type="checkbox"/> | Hazardous   | <input type="checkbox"/> | <input type="checkbox"/> | Not Hazardous | X |
|--------------------------|--------------------------|---|--------------------------|--------------------------|---------------|---|
| DOT Proper Shipping Name |                          | Methanol solution   |                          |                          |               |   |
| Hazard Class             |                          | 3   |                          |                          |               |   |
| Identification Number    |                          | UN 1993   |                          |                          |               |   |
| 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

|                          |                              |             |
|--------------------------|------------------------------|-------------|
| <input type="checkbox"/> | EPA REGISTERED (UNDER FIFRA) |             |
|                          | FDA REGULATED                |             |
|                          | KOSHER                       |             |
| X                        | SARA TITLE III MATERIAL      | Section 304 |
|                          | USDA AUTHORIZED              |             |
|                          |                              |             |

## SECTION 16 -- OTHER INFORMATION

### NFPA CLASSIFICATION

|    |        |                |
|----|--------|----------------|
| 3  | BLUE   | Health Hazard  |
| 2  | RED    | Flammability   |
| 1  | YELLOW | Reactivity     |
| -- | WHITE  | SPECIAL HAZARD |

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