

Elite -20 Windshield Washer Fluid

SDS Number: 32

Revision Date: 5/27/2015

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1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

James Austin Company
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Product Name: Elite -20 Windshield Washer Fluid
Revision Date: 5/27/2015
Version: 1
SDS Number: 32
Common Name: Methanol Solution
Product Code: 54200-00805
Synonyms: Windshield Washer Fluid, Windshield Fluid
Internal ID: 90000805

Emergency phone number: CHEMTREC
US: 1-800-424-9300 **Canada:** 1-800-567-7455
Poison Control Center: 1-800-222-1222

2 HAZARDS IDENTIFICATION

GHS Signal Word:
DANGER

GHS Hazard Pictograms:



GHS Classifications:
Health, Acute toxicity, 1 Oral
Physical, Flammable Liquids, 3

GHS Phrases:
H300 - Fatal if swallowed
H226 - Flammable liquid and vapor

GHS Precautionary Statements:
P102 - Keep out of reach of children.
P103 - Read label before use.
P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking
P233 - Keep container tightly closed.
P270 - Do not eat, drink or smoke when using this product.



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P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P303+361+353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do.

Continue rinsing.

P370+378 - In case of fire: Use dry chemical, carbon dioxide, water spray or alcohol foam for extinction.

P401 - Store upright and keep cap secure. Avoid heat, sparks and flames.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Percentage	Chemical Name
67-56-1	30.00-35.00%	Methanol
3844-45-9	<0.50%	Brilliant blue FCF, disodium salt
7732-18-5	65.00-70.00%	Water

4 FIRST AID MEASURES

- Inhalation:** Remove to fresh air. If breathing has stopped, apply artificial respiration. If breathing is difficult, give oxygen provided a qualified operator is available. Seek medical attention.
- Skin Contact:** Remove contaminated clothing and wash contaminated skin with large amounts of soap and water. If irritation persists, seek medical attention. Launder clothing before reuse.
- Eye Contact:** Flush eyes with large quantities of water for 15 minutes and seek medical attention.
- Ingestion:** If swallowed, induce vomiting of conscious patient immediately by giving two glasses of water and pressing finger down throat. Drink a large amount of water, milk or sodium bicarbonate to dilute material in stomach. Contact the Poison Control Center, emergency room or physician immediately.

5 FIRE FIGHTING MEASURES

- Flammability:** Handle as a flammable liquid. Vapors form an explosive mixture in air between the LEL and UEL which can be ignited.
- Flash Point:** 94 F
- Flash Point Method:** Tag Closed Cup
- LEL:** 6%
- UEL:** 36%

Fire Fighting Instructions:

Use water spray to cool fire exposed containers and to prevent pressure or possible explosion when exposed to extreme heat conditions. If water is used, fog nozzles are preferred.

Extinguishing Media:

Dry chemical, carbon dioxide or foam.

Fire and Explosion Hazards:

Handle as a flammable liquid. Vapors are heavier than air and may travel along the ground and moved by ventilation. Vapors form an explosive mixture in air between the LEL and UEL.

Protective Equipment:

Wear NIOSH approved self-contained breathing apparatus with full face piece and protective clothing for skin and eye contact.



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6 ACCIDENTAL RELEASE MEASURES

Small spill: Use vermiculite or other absorbant material to collect liquid.

Large spill: Eliminate all ignition sources. Contain run-off with absorbant materials such as sand, clay or diking. Transfer liquid and absorbant material to an approved container. Keep spill out of sewers or any access to bodies of water. If run-off occurs, notify proper authorities as required.

7 HANDLING AND STORAGE

Handling Precautions: Use approved NIOSH respirator when necessary.
Provide sufficient ventilation.
Wear appropriate impermeable gloves.
Use chemical safety glasses, goggles or face shield for eye protection.
Long sleeves and apron are recommended.
Avoid prolonged or repeated contact with skin.

Storage Requirements: Store upright with a tightly closed cap.
Store in a cool, dry and well ventilated area.
Keep away from sparks, heat and open flame.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Use adequate ventilation, especially in confined spaces

Personal Protective Equip: Chemical splash goggles
Face shield
Neoprene gloves
NIOSH approved respirator
Apron

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear, blue	Odor:	Alcohol
Physical State:	Liquid	Solubility:	Completely soluble
Spec Grav./Density:	0.950-0.952	Freezing/Melting Pt.:	-20 F
Boiling Point:	179 F	Flash Point:	94 F
Vapor Pressure:	41.5 @ 20C	Vapor Density:	>1
pH:	6 - 9		
Evap. Rate:	5.9		



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STABILITY AND REACTIVITY

Stability: The product is stable and non-reactive under normal conditions of use, storage and transport.
Conditions to Avoid: Heat, sparks and flames.
Materials to Avoid: Strong Oxidizing Agents.
Hazardous Decomposition: Burning may produce carbon monoxide and/or formaldehyde.
Hazardous Polymerization: Will not occur.

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TOXICOLOGICAL INFORMATION

Acute Toxicity:

Oral (LD 50): No information available.

Inhalation (LC 50): No information available.

Skin Irritation: Repeated, prolonged or occluded contact may cause skin irritation.

Eye Irritation: May cause eye irritation with severe pain possible permanent damage.

Neurotoxicity: Can cause narcosis; leading to possible blindness. Causes central nervous system depression.

Chronic Toxicity: No information available.

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ECOLOGICAL INFORMATION

Considered biodegradable

BOD/COD Value is not established

Ecotoxicity: This product has low acute toxicity to aquatic life.

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DISPOSAL CONSIDERATIONS

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. Offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill if allowed by state and local authorities. Incinerate if allowed by state and local authorities. Stay out of smoke if burned. Do not reuse empty container. Wrap container and put in trash. Do not add this product to any irrigation system.



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TRANSPORT INFORMATION

DOT Class: Flammable Liquid (3) #3
UN #: UN 1993, Class: 3, Proper Shipping Name: Combustible liquids, n.o.s.

EXCEPTION:

Limited Quantity, ORM-D
Exempted by DOT for containers of 5 Liters or less

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REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

*Methanol (67561 30.00-35.00%) CERCLA, HAP, MASS, NJHS, OSHAWAC, PA, SARA313, TOXICRCRA, TSCA, TXAIR, TXHWL

*Brilliant blue FCF, disodium salt (3844459 <0.50%) MASS, TSCA

*Water (7732185 65.00-70.00%) TSCA

REGULATORY KEY DESCRIPTIONS

CERCLA = Superfund clean up substance
HAP = Hazardous Air Pollutants
MASS = MA Massachusetts Hazardous Substances List
NJHS = NJ Right-to-Know Hazardous Substances
OSHA = OSHA workplace Air Contaminants
PA = PA Right-To-Know List of Hazardous Substances
SARA313 = SARA 313 Title III Toxic Chemicals
TOXICRCRA = RCRA Toxic Hazardous Wastes (U-List)
TSCA = Toxic Substances Control Act
TXAIR = TX Air Contaminants with Health Effects Screening Level
TXHWL = TX Hazardous Waste List

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OTHER INFORMATION

Author: James Austin Company

Publication Date: 04/01/2015

Revision Note: MSDS converted to GHS SDS format

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