



# MATERIAL SAFETY DATA SHEET

## SECTION 1 -- CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME | Elite DryLine Meth Gas Line Antifreeze

PRODUCT CODE | 54200 45000

ISSUE DATE | August 22, 2011

### 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.	OSHA PEL	EXPOSURE LIMITS	
				ACGIH TLV	NIOSH REL
Methanol	67-56-1	100.00	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, VAPOR Harmful, May Be Fatal of Cause Blindness If Swallowed. Cannont be Made Non-Poisonous. Methanol is listed as a "Poison Class B"
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POTENTIAL HEALTH EFFECTS	
INGESTION .....	Can cause blindness. 100 - 250mL can be fatal.
INHALATION .....	May cause headaches, dizziness, nausea, incoordination, intoxication, 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, dermatitis, crithema, scaling and possible systemic effects.

**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. If difficulty with breathing develops administer artificial respiration and get medical attention. Administration of mouth to mouth may expose the first aid provider to the chemical within the victim's lungs.
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. <b>Speed is essential to minimize injury. Call a physician immediately.</b>
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	If swallowed quickly determine the volume ingested. Can cause blindness. 100 - 250mL can be fatal.

**SECTION 5 -- FIRE FIGHTING MEASURES**

FLASH POINT / METHOD	52 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 (SCBA) and protective clothing. Vapors heavier than air. Dike fire control water for later disposal, do not scatter material.		
FIRE AND EXPLOSION HAZARDS	Treat as an extremely flammable liquid. There is the chance of a moderate explosion and/or dangerous fire hazard.		

**SECTION 6 -- ACCIDENTAL RELEASE MEASURES**

RESPONSE TO SPILLS	<b>Eliminate all sources of ignition immediately.</b> 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	Avoid contact with eyes. Use non-sparking tools and explosion proof equipment. Use only with adequate ventilation. Exposure to light, heat or air significantly increases fire hazard.
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**

	<b>RESPIRATOR</b>	None required for intended use of the package and application
X	<b>GOGGLES / FACE SHIELD</b>	None required for intended use of the package, safety glasses suggested
	<b>APRON</b>	None required for intended use of the package and application
	<b>GLOVES</b>	None required for intended use of the package, impervious gloves suggested
	<b>BOOTS</b>	None required for intended use of the package and application

**SECTION 9 -- PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Clear liquid	BOILING POINT	148 deg F
ODOR	Slight alcohol aroma	FREEZING POINT	-144deg F
pH	n/a	VAPOR PRESSURE	97 @ 68F
SPECIFIC GRAVITY	0.791	VAPOR DENSITY	1.11
SOLUBILITY IN WATER	100%	EVAPORATION RATE	5.9

**SECTION 10 -- STABILITY AND REACTIVITY**

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

**SECTION 11 -- TOXICOLOGICAL INFORMATION****CARCINOGENICITY**

	THIS PRODUCT CONTAINS A KNOWN OR SUSPECTED CARCINOGEN
X	<b>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</b>

**OTHER EFFECTS**

<b>Oral</b>	Human LDLo: 340mg/kg
<b>Dermal</b>	Monkey LDLo: 500mg/kg
<b>Inhalation</b>	Human TLC 86.00 mg/m <sup>3</sup> Lacrimation, cough, other changes to lungs, thorax or respiration

**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	Methanol is a hazardous and toxic waste. Waste must be disposed in accordance with federal, state and local regulations. In case of spill, remove all ignition sources. Provide adequate ventilation. Stay out of vapors. Small quantities may be absorbed on paper towels. Evaporate in a safe place. Burn paper in approved incineration or open pit away from buildings or people. Large quantities can be collected with spill absorption material (vermiculite, dry sand, clay) and placed in combustion safe container. Do not flush spills into sewers.								
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	(Note Consumer Commodity ORM-D exception)				
Hazard Class	3	(Note Consumer Commodity ORM-D exception)				
Identification Number	UN 1230	(Note Consumer Commodity ORM-D exception)				
Packing Group	II	(Note Consumer Commodity ORM-D exception)				
Label/Placard	Flammable Liquid	(Note Consumer Commodity ORM-D exception)				
RQ	5,000 lb/2270kg/755 gallons					
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

**SECTION 16 -- OTHER INFORMATION**

## NFPA CLASSIFICATION

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

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