



MATERIAL SAFETY DATA SHEET

SECTION 1 -- CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME | Elite RV Antifreeze

PRODUCT CODE | 54200-45006

ISSUE DATE | June 24, 2009

EMERGENCY TELEPHONE NUMBERS

MANUFACTURER | James Austin Company
STREET ADDRESS | 115 Downieville Road
CITY, STATE, ZIP | 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 COMPONENT	CAS No.	% by wt.	OSHA PEL	EXPOSURE LIMITS	
				ACGIH TLV	NIOSH REL
Propylene Glycol	57-55-6	29.0-30.0	None	None	None
Dipotassium phosphate	7758-11-4	0.20	None	None	None

SECTION 3 -- HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW	Might cause eye and skin irritation. Slightly harmful if swallowed.
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POTENTIAL HEALTH EFFECTS	
INGESTION	May cause diarrhea.
INHALATION	Not applicable
EYE CONTACT	May be a slight irritant
SKIN CONTACT	May be a slight irritant.

SECTION 4 -- FIRST AID MEASURES

INGESTION	Do not give liquid if victim is unconscious or drowsy. Otherwise, give 1 or 2 glasses of water to dilute. 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.
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	225 deg F	FLAMMABLE LIMITS	LEL: 2.6% UEL: 12.5%
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	None.		

SECTION 6 -- ACCIDENTAL RELEASE MEASURES

RESPONSE TO SPILLS	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.
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 red liquid	BOILING POINT	370 deg F
ODOR	Slight alcohol aroma	FREEZING POINT	+9 deg F
pH	8.0 – 9.0	VAPOR PRESSURE	0.5 mmHg/20C
SPECIFIC GRAVITY	1.02	VAPOR DENSITY	No data
SOLUBILITY IN WATER	100%	EVAPORATION RATE	No data

SECTION 10 -- STABILITY AND REACTIVITY

CHEMICAL STABILITY		STABLE	X		UNSTABLE	
CONDITIONS TO AVOID	Extreme Heat					
INCOMPATIBILITY	Strong oxidizing agents such as nitrates or sulfuric acid.					
HAZARDOUS PRODUCTS OF DECOMPOSITION	Burning may produce carbon monoxide or 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	May cause diarrhea by oral ingestion. May be a slight irritant
CHRONIC	May be a skin sensitizer with some individuals.

SECTION 12 -- ECOLOGICAL INFORMATION

BIODEGRADABILITY	<input type="checkbox"/>	CONSIDERED BIODEGRADABLE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NOT BIODEGRADABLE	<input type="checkbox"/>
BOD / COD VALUE	Not established					
ECOTOXICITY	No data available					

SECTION 13 -- DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD	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	<input type="checkbox"/>	YES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	CODE	2 - HDPE	<input type="checkbox"/>	NO	<input type="checkbox"/>

SECTION 14 -- TRANSPORT INFORMATION

DOT CLASSIFICATION	<input type="checkbox"/>	HAZARDOUS	<input type="checkbox"/>	<input type="checkbox"/>	NOT HAZARDOUS	<input checked="" type="checkbox"/>
DOT Proper Shipping Name	Not regulated					
Hazard Class						
Identification Number						
Packing Group						
Label/Placard						
RQ						
Exceptions	.					

SECTION 15 -- REGULATORY INFORMATION

REGULATORY STATUS

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

SECTION 16 -- OTHER INFORMATION

NFPA CLASSIFICATION

1	BLUE	HEALTH HAZARD
0	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.