



JAMES AUSTIN COMPANY

Safety Data Sheet

James Austin Company

Austin's Pool Tech Antifreeze Blend

SDS Number: 416

Revision Date:

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PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

James Austin Company
115 Downieville Road
PO Box 827
Mars, PA 16046

Phone: 724-625-1535
Fax: 724-625-3288
Web: www.jamesaustin.com

Product Name: Austin's Pool Tech Antifreeze Blend
Version: 1.0
SDS Number: 416
CAS Number: Mixture
Product Code: 54200-00168
Synonyms: Pool Antifreeze
Internal ID: 91000700, 91000701
Product Use: Anti-freezing agent

Emergency phone number: CHEMTREC

US: 1-800-424-9300

Canada: 1-800-567-7455

Poison Control Center: 1-800-222-1222

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HAZARDS IDENTIFICATION

GHS Signal Word:
WARNING

GHS Hazard Pictograms:



GHS Classifications:

Physical, Flammable Liquids, 3
Health, Serious Eye Damage/Eye Irritation, 2 B
Health, Specific target organ toxicity - Repeated exposure, 2
Health, Specific target organ toxicity - Single exposure, 3

GHS Phrases:

H226 - Flammable liquid and vapor
H320 - Causes eye irritation
H373 - May cause damage to organs through prolonged or repeated exposure
H335 - May cause respiratory irritation

GHS Precautionary Statements:

P102 - Keep out of reach of children.



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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.

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
64-17-5	13-15%	Ethanol
57-55-6	5-8%	Propylene glycol
7758-11-4	1-2%	Phosphoric acid, dipotassium salt
7732-18-5	75-81%	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:** Rinse immediately with plenty of water. Keep eye(s) wide open while rinsing. Remove contact lenses if present. Avoid rubbing the affected area. Seek medical attention if needed.
- Ingestion:** Do NOT induce vomiting. Rinse mouth thoroughly with water. Drink plenty of water. Call a physician or poison control center.



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FIRE FIGHTING MEASURES

Flammability: Contains Ethanol. Handle as a flammable liquid. Vapors form an explosive mixture in air between the LEL and UEL which can be ignited.

Flash Point: 51 C

LEL: 3.3%

UEL: 19.0%

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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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. Dispose of materials or solid residues at an authorized site.

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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.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

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.



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EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Use adequate ventilation, especially in confined spaces

Personal Protective Equip: Chemical splash goggles
Neoprene gloves
NIOSH approved respirator when exposed to levels above exposure limits
Suitable protective clothing

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PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear, Teal	Odor:	Alcohol
Physical State:	Liquid	Solubility:	Completely soluble
Spec Grav./Density:	0.985	Flash Point:	51 C (124 F)
Boiling Point:	85-93 C (185-200 F)	Vapor Density:	No Data Available
Flammability:	No Data Available	Auto-Ignition Temp:	No Data Available
Vapor Pressure:	No Data Available		
pH:	7 - 9		
Evap. Rate:	No Data Available		

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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, strong acids and strong bases.

Hazardous Decomposition: Burning may produce carbon monoxide and/or carbon dioxide. May release flammable gases.

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.

Chronic Toxicity: No information available.



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ECOLOGICAL INFORMATION

BOD/COD Value is not established

Ecotoxicity: No data available.

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DISPOSAL CONSIDERATIONS

Disposal should be in accordance with applicable regional, national, and local laws and regulations. Contact state or local authorities for additional restrictions.

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TRANSPORT INFORMATION

This product is not regulated for ground transportation according to DOT regulations.

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REGULATORY INFORMATION

*Ethanol (64175 13-15%) MASS, OSHAWAC, PA, TSCA, TXAIR

*Propylene glycol (57556 5-8%) HAP, PA, TSCA

*Phosphoric acid, dipotassium salt (7758114 1-2%) TSCA

*Water (7732185 75-81%) TSCA

MASS = MA Massachusetts Hazardous Substances List

OSHAWAC = OSHA workplace Air Contaminants

PA = PA Right-To-Know List of Hazardous Substances

TSCA = Toxic Substances Control Act

TXAIR = TX Air Contaminants with Health Effects Screening Level

HAP = Hazardous Air Pollutants



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OTHER INFORMATION

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Revision Note:

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