



MATERIAL SAFETY DATA SHEET

SECTION 1 -- CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME Austin's Pool Tech Algaecide (5%)

PRODUCT CODE 54200-00174 EPA Reg No. 10324-61-1672

EMERGENCY TELEPHONE NUMBERS

ISSUE DATE February 11, 2010

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.	TWA	EXPOSURE LIMITS	
				TLV	
Alkyl dimethyl benzyl ammonium chloride	68391-01-5	5.0%	ND	ND	
Isopropanol	67-63-0	0.5%-1%	400 ppm	400 ppm	
Dialkyl methyl benzyl ammonium chloride	73049-75-9	0.02%	ND	ND	

SECTION 3 -- HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW	CORROSIVE:
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POTENTIAL HEALTH EFFECTS	
INGESTION	May be fatal. Burning pain in the mouth, throat, abdomen, severe swelling of the larynx, skeletal muscle paralysis affecting the ability to breath, circulatory shock, convulsions.
INHALATION	Irritation of mucous membrane can be caused by solvent vapors or mists of products.
EYE CONTACT	Corrosive, Severe eye damage can result from direct contact.
SKIN CONTACT	Severe Irritation. Corrosive.

SECTION 4 -- FIRST AID MEASURES

INGESTION	If swallowed drink promptly, a large quantity of egg whites, gelatin solution or, if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately. Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.
INHALATION	If exposed to excessive vapor levels, remove to fresh air and seek medical attention if cough or other symptoms develop.
EYE/SKIN CONTACT	In case of contact, immediately flush the eyes and skin with plenty of water for a t least 15 minutes. For eyes, call a physician. Remove and wash contaminated clothing before reuse.
NOTE TO PHYSICIAN	Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

SECTION 5 -- FIRE FIGHTING MEASURES

FLASH POINT / METHOD	None / N.A.	FLAMMABLE LIMITS	Not flammable or combustible
EXTINGUISHING MEDIA	If involved in a fire, dry chemical, carbon dioxide, foam or water fog. Class BC, ABC fire extinguisher. Use extinguishing media that is appropriate for surrounding fire.		
SPECIAL FIRE FIGHTING PROCEDURES	Avoid fumes from spilled or exposed liquid. Firefighters should wear full protective clothing and OSHA/NIOSH self-contained breathing apparatus. Cool fire-exposed containers with water spray from a safe distance.		
FIRE AND EXPLOSION HAZARDS	None.		

SECTION 6 -- ACCIDENTAL RELEASE MEASURES

RESPONSE TO SPILLS	Small spills: Dilute product by flooding area with large quantity of water and flush to sanitary sewer. Large spills: Contain run-off by diking with suitable material. Soak up liquid on inert absorbent and transfer to approved container. Prevent spill from entering sewers or waterways.
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SECTION 7 -- HANDLING AND STORAGE

HANDLING PRECAUTIONS	Wash after handling and before eating. Use personal protective equipment and wear suitable chemical-resistant clothing. Keep container tightly closed when not in use. Follow label directions closely.
STORAGE PRECAUTIONS	Store upright in a cool (50-120deg F), dry, well-ventilated area. Keep away from heat or open flame.. Protect containers from physical damage. Keep away from children.

SECTION 8 -- EXPOSURE CONTROLS / PERSONAL PROTECTION

HYGIENIC PRACTICES	Avoid breathing vapors. Do not store near food stuffs, water or feed. Protect eyes, skin and clothing from contact with this product.
ENGINEERING CONTROLS	Use local ventilation to remove vapors at the source. Facilities using this product must be equipped with an eyewash station.

PERSONAL PROTECTIVE EQUIPMENT

X	RESPIRATOR	Not normally necessary; use NIOSH approved respirator for concentrated vapors
X	GOGGLES / FACE SHIELD	Recommended goggles should be chemical splash type.
X	APRON	Not normally necessary. But to avoid skin contact.
X	GLOVES	Recommended; use impervious PVC or Neoprene with long gauntlet
X	BOOTS	Not normally necessary. But to protect shoes and feet when using product.

SECTION 9 -- PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Colorless to light straw in color	BOILING POINT	ND
ODOR	Benzaldehyde odor	FREEZING POINT	28 deg F
pH	6.0-8.0	VAPOR PRESSURE	Not determined
SPECIFIC GRAVITY	0.95	VAPOR DENSITY	Not applicable
SOLUBILITY IN WATER	Complete	EVAPORATION RATE	Not applicable

SECTION 10 -- STABILITY AND REACTIVITY

CHEMICAL STABILITY		STABLE	X		UNSTABLE	
CONDITIONS TO AVOID	Mixing with strong oxidizers or reducing agents.					
INCOMPATIBILITY	Strong oxidizers or reducing agents					
HAZARDOUS PRODUCTS OF DECOMPOSITION	Toxic hydrogen chloride fumes, oxides of carbon and nitrogen					
POLYMERIZATION		WILL NOT OCCUR	X		MAY OCCUR	
CONDITIONS TO AVOID	Not applicable					

SECTION 11 -- TOXICOLOGICAL INFORMATION

CARCINOGENICITY

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
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SECTION 12 -- ECOLOGICAL INFORMATION

BIODEGRADABILITY		CONSIDERED BIODEGRADABLE	X		NOT BIODEGRADABLE	
BOD / COD VALUE	Not established					
ECOTOXICITY	This pesticide is toxic to fish and aquatic invertebrates.					

SECTION 13 -- DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD	STORAGE AND DISPOSAL Do not contaminate water, food, or feed by storage or disposal. PESTICIDE STORAGE: Store in original containers and place in locked storage area. Keep from freezing. SPILL OR LEAK PROCEDURES: Small spills may be mopped up or flushed away with water or absorbed on some absorbent material and incinerated. PESTICIDE DISPOSAL: Securely wrap original container in several layers of newspaper and discard in trash. CONTAINER DISPOSAL: Do not reuse container (bottle, cans, jars). Triple rinse (or equivalent). Then dispose of in a sanitary landfill or by other procedures approved by state and local authorities.					
RCRA CLASSIFICATION	Not applicable					
RECYCLE CONTAINER		YES	X		CODE 2 - HDPE	NO

SECTION 14 -- TRANSPORT INFORMATION

DOT CLASSIFICATION		HAZARDOUS			NOT HAZARDOUS	X
DOT Proper Shipping Name	Not regulated					
Hazard Class	None					
Identification Number	None					
Packing Group	None					
Label/Placard	None					
RQ	None					
EXCEPTIONS	None required					

SECTION 15 -- REGULATORY INFORMATION

REGULATORY STATUS

X	EPA REGISTERED (UNDER FIFRA)	10324-61-1672
	FDA REGULATED	No
	KOSHER	No
	SARA TITLE III MATERIAL	No

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.