

MATERIAL SAFETY DATA SHEET

Section 1. Chemical product and company identification

Product Name: **KP WET CHEMICAL AGENT (CH554, CH 547, and CH 664)**
Manufacturer: **AMEREX CORPORATION**
Internet Address: www.amerex-fire.com
Address: **7595 Gadsden Highway
P.O. Box 81
Trussville, AL 35173-0081**
Telephone: **(205) 655-3271**
Emergency Contacts: **Chemtrec 1(800) 424-9300 or
(703) 527-3887**
Revised: **August, 2003**

Section 2. Hazard identification and emergency overview

Emergency overview: Reddish colored liquid.

Adverse health effects and symptoms: Mildly irritating to the eyes, skin, and respiratory system. Symptoms may include coughing, shortness of breath, and eye and skin irritation. Ingestion, although unlikely, may cause gastrointestinal disturbance.

Exposure guidelines:

Ingredients	OSHA PEL	ACGIH TLV	DFG MAK *
Water	NR**	NR	NR
Potassium acetate	NR	NR	NR
Potassium citrate	NR	NR	NR
Proprietary organic phosphate esters	NR	NR	NR
Example: Phosphoric acid tributyl ester	5 mg/m ³	2.2 mg/m ³	NR
Pink pigment	NR	NR	NR

Inhalation: If respiratory irritation or distress occurs remove victim to fresh air. Seek medical attention if irritation develops or persists.

Ingestion: If victim is conscious and alert, give 2-3 glasses of water to drink and on the advice of medical personnel induce vomiting. Seek immediate medical attention. Do not leave victim unattended. To prevent aspiration of swallowed product, lay victim on side with head lower than waist. If vomiting occurs and the victim is conscious, give water to further dilute the chemical.

Medical conditions possibly aggravated by exposure: Skin contact may aggravate existing skin disease. Chronic overexposure may affect blood cholinesterase levels and the central nervous system.

Section 5. Fire fighting measures

Extinguishing media: non combustible and non flammable – product is an extinguishing agent

Unusual fire/explosion hazards: in a fire this material may decompose, releasing oxides of phosphorus, carbon, and acetic acid (see Section 10).

Insensitive to mechanical impact or static discharge.

HMIS hazard ranking: health 1, flammability 0, reactivity 0, personal protective equipment: eye protection, gloves and appropriate skin protection (see Section 8)

Section 6. Accidental release measures

Large spills (one drum or more) should be addressed by hazardous materials technicians following a site-specific emergency response plan and trained in the appropriate use of PPE. Clean up released material using sorbent socks for containment, followed by sorbent material inside containment. If deemed necessary, wear full face APR or PAPR with organic vapor cartridges (Section 8). Bag and drum for disposal. If product is used and/or contaminated, for example if mixed with kitchen grease, use PPE and containment appropriate to the nature of the mixture. Handle and dispose of as a hazardous waste unless testing indicates otherwise. Decontaminate with detergent and water.

Boiling point: ~ 300° F
No explosive or oxidizing properties

Section 10. Stability and reactivity

Stability: stable

Incompatibles: strong acids, strong oxidizers such as sodium hypochlorite (bleach), aluminum, polyurethane, and any wet, reactive material.

Decomposition products: heat of fire may release carbon dioxide, phosphorus oxide, and acetic acid.

Possibility of hazardous reactions: none

Section 11. Toxicological information

Acute toxicity: Potassium acetate LD₅₀ oral rat: 3250 mg/kg body weight
Phosphoric acid tributyl ester LD₅₀ oral rat: >1400 mg/kg body weight
Target organs in man: respiratory system, eyes, skin. This product is a mild irritant to epithelial tissue, and may aggravate dermatitis. Ingestion may cause gastrointestinal injury. No information was found indicating the product causes sensitization.

Chronic toxicity: This product's ingredients are not considered as "probable" or "suspected" carcinogens by OSHA, IARC, or ACGIH.

Reproductive toxicity: This product's ingredients are not known to have reproductive or teratogenic effects.

Section 12. Ecological information

Ecotoxicity: weak environmental toxin, specific negative effects unknown.

Persistence/
Degradability: moderate biodegradation in soil, rapid photolytic degradation in air

Bioaccumulation: extent unknown

Mobility in soil: water soluble, slow to evaporate, may reach groundwater

Section 13. Disposal considerations

This product is not a RCRA characteristically hazardous or listed hazardous waste. Dispose of according to state or local laws, which may be more restrictive than federal laws or regulations. Used product may be altered or contaminated, creating different disposal considerations.

Section 14. Transportation information

This product is not a hazardous material under U.S. Department of Transportation (DOT) 49 CFR 172, and is not regulated by the DOT.

Section 15. Regulatory information

International Inventory Status Some ingredients are on the following inventories

Country(ies)	Agency	Status
United States of America	TSCA	Yes
Canada	DSL	Yes
Europe	EINECS/ELINCS	Yes
Australia	AICS	Yes
Japan	MITI	Yes
South Korea	KECL	Yes

European Risk and Safety phrases:

EU Classification: Xi. Irritant
R Phrases: 36 Irritating to eyes.
S Phrases: 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
36 Wear suitable protective clothing.

U.S. federal regulatory information:

None of the chemicals in this product are under SARA reporting requirements or have SARA threshold planning quantities (TPQs) or CERCLA reportable quantities (RQs).

State regulatory information:

Chemicals in this product are not covered under specific State regulations, as denoted below:

Alaska - Designated Toxic and Hazardous Substances: None
California - Permissible Exposure Limits for Chemical Contaminants: None
Florida - Substance List: None
Illinois - Toxic Substance List: None
Kansas - Section 302/303 List: None
Massachusetts - Substance List: None
Minnesota - List of Hazardous Substances: None
Missouri - Employer Information/Toxic Substance List: None
New Jersey - Right to Know Hazardous Substance List: None
North Dakota - List of Hazardous Chemicals, Reportable Quantities: None
Pennsylvania - Hazardous Substance List: None
Rhode Island - Hazardous Substance List: None
Texas - Hazardous Substance List: No
West Virginia - Hazardous Substance List: None
Wisconsin - Toxic and Hazardous Substances: None

California Proposition 65: No component is listed on the California Proposition 65 lists.

Section 16. Other information

This MSDS conforms to requirements under U.S., U.K., Canadian, Australian, and EU regulations or standards, and conforms to the proposed 2003 ANSI Z400.1 format.

The information herein is given in good faith but no warranty, expressed or implied, is made.

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