

# MATERIAL SAFETY DATA SHEET

Potassium Chloride Powder

AHC Products, Inc.

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PRODUCT NAME: (As used on label and list): Potassium Chloride Powder

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This Material Safety Data Sheet is being provided to your company, for the purpose of providing current health and safety information to your management and employees who work with this product. Please read the data provided and then provide it to those individuals at your company who have the responsibility to insure compliance with both Federal and State Right to Know regulations, and to those employees that request information on this product.

Federal Regulations: Parts 29 and 42 Code of Federal Regulations

Date Prepared: 01/01/00

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## SECTION I – PRODUCT IDENTIFICATION

MANUFACTURER: AHC Products, Inc.

AHC Products, Inc.  
301 West Broadway  
Winchester, Kentucky  
606/737-3441

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## SECTION II – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENT (Specific Chemical Identity; Common Names):

Ingredient	Conc%(approx)	C.A.S.#	Exposure Limits	LD/LC
KCl	95-99.8	7447-40-7	N/A	2430mg/kg oral/rat
KaCl	0.1-4	7647-14-5	N/A	4000mg/kg oral,mouse

May also contain up to 0.5% fuel oil, primary aliphatic amines, ethylene glycol, unsaturated fatty acids and sterols.

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## SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: N/A

VAPOR PRESSURE (MM HG): N/A

VAPOR DENSITY (AIR=1): N/A

SPECIFIC GRAVITY (H2O=1): 2.0

MELTING POINT: N/A

EVAPORATION RATE (BUTYL ACETATE=1): N/A

SOLUBILITY IN WATER: @20°C-26%

APPEARANCE AND ODOR: White to red in color, fine to 4mm granules. Odor is none to slight diesel fuel odor

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## SECTION IV – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): N/A

FLAMMABLE LIMITS: None

EXTINGUISHING MEDIA: N/A

SPECIAL FIRE FIGHTING PROCEDURES: N/A

UNUSUAL FIRE AND EXPLOSION HAZARDS: N/A

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## SECTION V – REACTIVITY DATA

STABILITY: Yes

INCOMPATIBILITY (MATERIALS TO AVOID): No

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: None

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## SECTION VI – HEALTH HAZARD DATA

ROUTES OF ENTRY: Skin contact, eye contact, inhalation, ingestion

HEALTH HAZARDS (ACUTE AND CHRONIC): Acute: Minor skin, respiratory tract or eye irritation. Chronic: May reduce lung function.

CARCINOGENICITY: No

SIGNS AND SYMPTOMS OF EXPOSURE: May cause minor eye and skin irritation.

EMERGENCY AND FIRST AID PROCEDURES: Skin: Flush with water, obtain medical attention if rash develops. Eye: Flush with running water for at least 15 minutes & obtain medical attention.

Inhalation: Obtain medical advice if symptoms persist. Ingestion: Obtain medical attention. Ingestion of large amounts usually causes purging of the stomach by vomiting.

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#### SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Place in containers or vehicle with shovels or loaders, flush area with water.

WASTE DISPOSAL METHOD: Uncontaminated material may be used as fertilizer. Waste may be disposed of in suitable land fill in accordance with applicable regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Avoid generating dust by unnecessary or excessively vigorous movements. Keep dry, avoid contact with carbon steel and aluminum.

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#### SECTION VIII – CONTROL MEASURES

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RESPIRATORY PROTECTION (SPECIFIC TYPE): Dust mask for dusty .

VENTILATION: Use local or area ventilation to remove dust.

EYE PROTECTION: Safety glasses

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