

Material Safety Data Sheets

1. IDENTIFICATION

Product Name	Potassium acetate
Other Names	Potassium ethanoate; Acetic acid potassium salt
Uses	No Data Available
Chemical Family	No Data Available
Chemical Formula	KCOOCH ₃
Chemical Name	No Data Available
Product Description	No Data Available
Company	Arman sina.co
Contact Information	info@armansina.com www.armansina.com

2. HAZARD IDENTIFICATION

Hazard Categories	No Data Available
Signal Word	No Data Available
Hazard Statements	No Data Available

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Chemical Entity	Formula	CAS Number	Proportion
Potassium acetate	KCOOCH ₃	127-08-2	<= 100 %

4. FIRST AID MEASURES

Swallowed	After swallowing: make victim drink water (two glasses at most). Consult doctor if feeling unwell.
Eye	After eye contact: rinse out with plenty of water. Remove contact lenses
Skin	In case of skin contact: Take off immediately all contaminated clothing. Rinse skin with water/ shower.
Inhaled	After inhalation: fresh air.
Advice to Doctor	Show this material safety data sheet to the doctor in attendance.

5. FIRE FIGHTING MEASURES

General Measures	Prevent fire extinguishing water from contaminating surface water or the ground water system.
Flammability Conditions	No Data Available
Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Fire and Explosion Hazard	No Data Available
Hazardous Products of Combustion	Carbon oxides Potassium oxides Not combustible. Ambient fire may liberate hazardous vapours..
Special Fire Fighting Instructions	Stay in danger area only with self-contained breathing apparatus. Prevent skin contact by keeping a safe distance or by wearing suitable protective clothing.
Personal Protective Equipment	In the event of fire, wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

General Response Procedure	No Data Available
Clean Up Procedures	Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions (see sections 7 and 10). Take up dry. Dispose of properly. Clean up affected area. Avoid generation of dusts.
Containment	No Data Available
Decontamination	No Data Available
Environmental Precautionary Measures	Do not let product enter drains.
Evacuation Criteria	No Data Available
Personal Precautionary Measures.	Advice for non-emergency personnel: Avoid inhalation of dusts. Avoid substance contact. Ensure adequate ventilation. Evacuate the danger area, observe emergency procedures, consult an expert. For personal protection see section 8.

7. HANDLING AND STORAGE

Handling	Avoid contact with skin and eyes. Avoid formation of dust and aerosols For precautions see section 2.2.
Storage	Tightly closed. Dry. hygroscopic
Container	Tightly closed. Dry.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

General	Contains no substances with occupational exposure limit values..
Exposure Limits	
Biological Limits	No Data Available
Engineering Measures	Immediately change contaminated clothing. Apply preventive skin protection. Wash hands and face after working with substance.
Personal Protection Equipment	Eye/face protection Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Safety glasses Skin protection This recommendation applies only to the product stated in the safety data sheet, supplied by us and for the designated use. When dissolving in or mixing with other substances and under conditions deviating from those stated in EN 16523-1 please contact the supplier of CE-approved gloves (e.g. KCL GmbH, D-36124 Eichenzell, Internet: www.kcl.de). Full contact Material: Nitrile rubber Minimum layer thickness: 0.11 mm Break through time: 480 min Material tested:KCL 741 Dermatril® L This recommendation applies only to the product stated in the safety data sheet, supplied by us and for the designated use. When dissolving in or mixing with other substances and under conditions deviating from those stated in EN 16523-1 please contact the supplier of CE-approved gloves (e.g. KCL GmbH, D-36124 Eichenzell, Internet: www.kcl.de). Splash contact Material: Nitrile rubber Minimum layer thickness: 0.11 mm Break through time: 480 min Material tested:KCL 741 Dermatril® L Body Protection protective clothing Respiratory protection Recommended Filter type: Filter type P2 The entrepreneur has to ensure that maintenance, cleaning and testing of respiratory protective devices are carried out according to the instructions of the producer. These measures have to be properly documented. required when dusts are generated. Our recommendations on filtering respiratory protection are based on the following standards: DIN EN 143, DIN 14387 and other accompanying standards relating to the used respiratory protection system.
Special Hazards Precautions	No Data Available
Work Hygienic Practices	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	solid
Appearance	powder
Odour	No Data Available
Colour	white
pH	7,0 - 9 at 98,2 g/l at 25 °C
Vapour Pressure	< 0,0000001 hPa at 25 ° C
Relative Vapour Density	No Data Available
Boiling Point	No Data Available
Melting Point	303 - 307 °C
Freezing Point	No Data Available
Solubility	In water: 98,2 g/l at 20 °C - completely soluble
Specific Gravity	1,570 g/cm3
Flash Point	No Data Available
Auto Ignition Temp	No Data Available
Evaporation Rate	No Data Available
Bulk Density	500 kg/m3
Corrosion Rate	No Data Available
Decomposition Temperature	No Data Available
Density	2.11 g/mL at 25 ° C (77 ° F)
Specific Heat	No Data Available
Molecular Weight	98.14 g/mol
Net Propellant Weight	No Data Available
Octanol Water Coefficient	No Data Available
Particle Size	No Data Available
Partition Coefficient	No Data Available
Saturated Vapour Concentration	No Data Available
Vapour Temperature	No Data Available
Viscosity	No Data Available
Volatile Percent	No Data Available
VOC Volume	No Data Available
Additional Characteristics	No information available.
Potential for Dust Explosion	No Data Available
Fast or Intensely Burning Characteristics	No information available.
Flame Propagation or Burning Rate of Solid Materials	The product is not flammable.
Non-Flammables That Could Contribute Unusual Hazards to a Fire	No information available.
Properties That May Initiate or Contribute to Fire Intensity	No information available.
Reactions That Release Gases or Vapours	No information available.
Release of Invisible Flammable Vapours and Gases	No information available.

10. STABILITY AND REACTIVITY

General Information	Possibility of hazardous reactions Risk of ignition or formation of inflammable gases or vapours with: Fluorine Alkaline earth metals
Chemical Stability	The product is chemically stable under standard ambient conditions (room temperature) .
Conditions to Avoid	No Data Available
Materials to Avoid	No Data Available
Hazardous Decomposition Products	In the event of fire: see section 5
Hazardous Polymerisation	No Data Available

11. TOXICOLOGICAL INFORMATION

General Information	No Data Available
Acute	Acute toxicity LD50 Oral - Rat - 3.250 mg/kg Remarks: (RTECS) Inhalation: No data available Dermal: No data available Skin corrosion/irritation Skin - Rat Result: No skin irritation (OECD Test Guideline 404) Serious eye damage/eye irritation Eyes - Rabbit Result: No eye irritation (OECD Test Guideline 405) Respiratory or skin sensitization Information given is based on data obtained from similar substances. Germ cell mutagenicity No data available Carcinogenicity No data available Reproductive toxicity No data available Specific target organ toxicity - single exposure No data available Specific target organ toxicity - repeated exposure No data available

12. ECOLOGICAL INFORMATION

Ecotoxicity

Toxicity to fish	LC50 - Danio rerio (zebra fish) - > 992 mg/l - 96 h (OECD Test Guideline 203)
Toxicity to daphnia and other aquatic invertebrates	EC50 - Daphnia - > 919 mg/l - 48 h (OECD Test Guideline 202)
Toxicity to algae	EC50 - Skeletonema costatum (marine diatom) - > 1.000 mg/l - 72 h (ISO 10253)

Persistence/Degradability The methods for determining the biological degradability are not applicable to inorganic substances.

Mobility No Data Available

Environmental Fate No Data Available

Bioaccumulation Potential No Data Available

Environmental Impact No Data Available

13. DISPOSAL CONSIDERATIONS

General Information Waste material must be disposed of in accordance with the national and local regulations. Leave chemicals in original containers. No mixing with other waste. Handle uncleaned containers like the product itself.

Special Precautions for Land Fill No Data Available

14. TRANSPORT INFORMATION

Land Transport

Proper Shipping Name	Potassium acetate
Class	No Data Available
Subsidiary Risk(s)	No Data Available
EPG	No Data Available
UN Number	No Data Available
Hazchem	No Data Available
Pack Group	No Data Available
Special Provision	No Data Available

Sea Transport

Proper Shipping Name	Potassium acetate
Class	No Data Available
Subsidiary Risk(s)	No Data Available
UN Number	No Data Available
Hazchem	No Data Available
Pack Group	No Data Available
Special Provision	No Data Available
EMS	No Data Available

Marine Pollutant	No Data Available
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Air Transport

Proper Shipping Name	Potassium acetate
Class	No Data Available
Subsidiary Risk(s)	No Data Available
UN Number	No Data Available
Hazchem	No Data Available
Pack Group	No Data Available
Special Provision	No Data Available

15. OTHER INFORMATION

Revision	2
Key/Legend	< Less Than > Greater Than atm Atmosphere CAS Chemical Abstracts Service (Registry Number) cm² Square Centimetres CO₂ Carbon Dioxide COD Chemical Oxygen Demand deg C (° C) Degrees Celcius deg F (° F) Degrees Farenheit g Grams g/cm³ Grams per Cubic Centimetre g/l Grams per Litre HSNO Hazardous Substance and New Organism IDLH Immediately Dangerous to Life and Health immiscible Liquids are insoluable in each other. inHg Inch of Mercury inH₂O Inch of Water K Kelvin kg Kilogram kg/m³ Kilograms per Cubic Metre lb Pound LC₅₀ LC stands for lethal concentration. LC₅₀ is the concentration of a material in air which causes the death of 50% (one half) of a group of test animals. The material is inhaled over a set period of time, usually 1 or 4 hours. LD₅₀ LD stands for Lethal Dose. LD₅₀ is the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals. ltr or L Litre m³ Cubic Metre mbar Millibar mg Milligram mg/24H Milligrams per 24 Hours mg/kg Milligrams per Kilogram mg/m³ Milligrams per Cubic Metre Misc or Miscible Liquids form one homogeneous liquid phase regardless of the amount of either component present. mm Millimetre mmH₂O Millimetres of Water mPa.s Millipascals per Second N/A Not Applicable NIOSH National Institute for Occupational Safety and Health NOHSC National Occupational Heath and Safety Commission OECD Organisation for Economic Co-operation and Development Oz Ounce PEL Permissible Exposure Limit Pa Pascal ppb Parts per Billion ppm Parts per Million ppm/2h Parts per Million per 2 Hours ppm/6h Parts per Million per 6 Hours psi Pounds per Square Inch R Rankine RCP Reciprocal Calculation Procedure STEL Short Term Exposure Limit TLV Threshold Limit Value tne Tonne TWA Time Weighted Average ug/24H Micrograms per 24 Hours UN United Nations wt Weight