



B42

SAFETY DATA SHEET

SECTION 1. IDENTIFICATION

Product name : B42

Manufacturer/supplier's details

Company name of supplier : Eagle Chemical
Address : 36801 Wabash St
Telephone : +1 734 464 2600
Local Emergency Contact : +1 734 464 2600
Identified Uses : Airport Runway De-icing

SECTION 2. HAZARD IDENTIFICATION

Physical hazards

Hazard classification : Not classified as hazardous
Signal word : N/A
Hazard statement(s) : N/A
Hazard symbol(s) : No pictogram
Precautionary Statements : Not required
Hazard not otherwise specified : None



SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Components

Chemical name	Common name and synonyms	CAS Number	Concentration (%wt)
Potassium acetate	Potassium ethanoate; Potassium salt of acetic acid	127-08-2	50%
Water	H ₂ O	7732-18-5	50%

(May Contain Trace amounts of corrosion inhibitors and optical enhancers)

SECTION 4. FIRST AID MEASURES

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|--------------------|---|--|
| Inhalation | : | If inhaled, remove to fresh air. Get medical advice if cough or other symptoms appear. |
| Ingestion | : | If swallowed, give milk or water to drink and telephone for medical advice. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. |
| Direct eye contact | : | If in eyes: Rinse continuously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. |
| Dermal exposure | : | Remove contaminated clothing and wash skin thoroughly |



SECTION 5. FIRE-FIGHTING MEASURES

General Fire Hazard	:	Water based – Nonflammable
Autoignition Temperature	:	None – Water based material
Special firefighting procedure	:	Spilled product on ground may be slippery

SECTION 6. ACCIDENTAL RELEASE MEASURES

Spill procedure	:	Wear appropriate personal protective equipment. Dilute with water to sewer if allowed by local and state Regulations.
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SECTION 7. HANDLING AND STORAGE

Storage	:	Keep in a tightly closed container, stored in a cool, dry, ventilated area below 44°C (110°F). Protect against physical damage. Isolate from incompatible substances. Observe all warnings and precautions listed for the product. Drum must not be washed out or used for other purposes.
Handling	:	Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Use only with adequate ventilation.



SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering measures	:	Use proper equipment while deicing runways
Personal protective equipment	:	Gloves
	:	eye protection
	:	non-porous boots

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Liquid
Color	:	Clear
Odor	:	Odorless to mild vinegar odor (odor threshold not available)
Odor threshold	:	No test data available
pH	:	9 – 10
Freezing point	:	No test data available
Boiling point	:	No test data available
Flash point	:	No flash to 212 °F
Evaporation rate	:	No Test data available
Flammability	:	Not expected to form explosive dust-air mixtures
Relative density	:	1.27 – 1.30
Solubility	:	Completely miscible
Viscosity	:	No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	No specific data available
Chemical stability	:	Stable
Possibility of hazardous reactions	:	Can react with strong acids, potentially corrosive environment
Incompatible materials	:	Strong acids



SECTION 11. TOXICOLOGICAL INFORMATION

Information on routes of exposure

Inhalation

Eye contact

Skin contact

Ingestion

Components: Potassium Acetate

Acute oral toxicity : LD50: Currently not available

Acute inhalation toxicity : Currently not available
Remarks: unlikely route, Refer to section 7

Acute dermal toxicity : LD50: Not available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Aquatic Toxicity : Low

LC50 Daphnia magna (48hr) : 1,725 mg/L

LC50 Pimephales promelas (96hr) : 2,450 mg/L

Biodegradability : Readily biodegradable

BOD5 68°F (20°) : 0.19 kg O₂/kg fluid

COD : 0.34 kg O₂/kg fluid

Environmental fate : Dissociated into potassium ions and acetic ions in water, low potential to cause harm

SECTION 13. DISPOSAL CONSIDERATIONS



Disposal Methods

Waste : All disposal practices must follow all Federal, State and local laws and regulations

SECTION 14. TRANSPORTATION

Physical state : Liquid
Transport hazard class : Non-regulated
Shipping requirements : Fiber Board Box, Clearly Labeled, sealed containers, Keep upright
Packing Group : Non-Hazardous
Note : Not regulated under U.S. DOT or Transport Canada Regulations

Section 15. Other Information

SDS

Prepared : 10/23/2024
Revision # : 2
Changes : Transportation Section Added