

**PATHWAY KA  
SAFETY DATA SHEET**

**1. PRODUCT NAME AND DESCRIPTION, SUPPLIER**

**PATHWAY KA LIQUID ANTI-ICER FOR COMMERCIAL USE**

Produced and distributed by:-

Winter Service Solutions Ltd  
Pinewood House  
Stannage Lane  
Churton, Cheshire  
CH3 6LE  
Telephone 07561 100775  
Email enquires@winterservicesolutions.co.uk

**2. HAZARDS**

**Caution** - May cause eye irritation. This product is slightly irritating to the eyes and may cause temporary impairment of vision.

This product may cause slight irritation to the skin and should be practically non-toxic to internal organs if it gets on the skin.

This product does not present an inhalation hazard. If swallowed this product is practically non-toxic to internal organs although ingestion may cause irritation to the digestive tract.

No occupational exposure limits have been determined for this product.

**3. CHEMICAL COMPOSITION**

100% PATHWAY KA commercial liquid anti-icer  
Contains:-  
Potassium Acetate CAS no 127-08-2 REACH Reg.No. 01-2119486975-16  
Water  
Corrosion Inhibitors (trace)

**4. FIRST AID MEASURES**

**Eye Contact**

Flush eyes immediately with fresh water for at least 15 minutes holding eyelids open. Remove contact lenses if worn. If irritation persists seek medical help.

**Skin Contact**

No First Aid measures are required. Wash area thoroughly with soap and water, remove and wash contaminated clothing.

**Ingestion**

If swallowed give water or milk to drink and seek medical assistance. Do not induce vomiting unless directed to do so by medical personnel.

## 5. FIRE FIGHTING

PATHWAY KA is non-flammable. Use extinguishing media suitable for surrounding fire

## 6. ACCIDENTAL SPILLAGE

Contain any accidental spillage and absorb using sand or sawdust. Transfer to a container for disposal. Wash the area thoroughly with water.

## 7. HANDLING AND STORAGE

Avoid breathing mist when spraying. Do not store or handle in systems with wetted parts of zinc, galvanised steel or brass.

## 8. PERSONAL PROTECTION

### Eye Protection

Do not get this product in the eye. Wear chemical goggles when transferring large quantities.

### Hand Protection

Wear impermeable gloves when transferring between vessels and when applying with a hand lance.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Appearance

Clear, almost colourless mobile liquid

### ph (20 degC)

Typically 10.5-11.5

### Boiling Point

Around 115 deg C

### Density

1.2 kg/m<sup>3</sup>

### Viscosity

Less than 10cP (20degC)

### Freezing Point

Below -30 degC

### Miscibility

Completely miscible with water

## 10. REACTIVITY

Stable in storage for at least 5 years.

Avoid prolonged contact with zinc.

## 11. TOXICOLOGICAL INFORMATION

The oral LD50 in rats is greater than 3250mg/kg for the potassium acetate component

## **12. ECOLOGICAL INFORMATION**

COD 0.25g O<sub>2</sub>/g product

BOD 0.20g O<sub>2</sub>/g product

Ecotoxicity (Potassium acetate)

Freshwater fish 6800 mg/L LC<sub>50</sub>

Water flea 96 h 7170 mg/L EC<sub>50</sub> = 24 h

## **13. DISPOSAL**

Discuss disposal of large quantities (>20 litres) with supplier.

## **14. TRANSPORT INFORMATION**

No restrictions on transport. No hazard labelling required

## **15. REGULATORY INFORMATION**

Not governed by any regulations

## **16. OTHER INFORMATION**

Safety Data Sheet updated 16/01/2015 by ADS