

# SAFETY DATA SHEET

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

### GUARANTEED BY:

**First Turf & Ornamental Corp.**  
**3400 Monroe Ave., Ste. 290**  
**Rochester, NY 14618**  
**(585) 978-3802**

**PRODUCT NAME:** First-Ace-K 0-0-25  
**CHEMICAL NAME:** Acetic Acid, Potassium Salt  
**FORMULA:** C<sub>2</sub>H<sub>3</sub>KO<sub>2</sub>

**Date of Issue:** 4/5/22

## 2. HAZARDS IDENTIFICATION SUMMARY

**Hazard Classification:** Skin irritant, Category 2  
Eye irritant, Category 2A

**Signal Word:** "WARNING"

**Hazard Statements:**

H315-Causes skin irritation  
H320-Causes eye irritation  
H335-May cause respiratory irritation  
H333-May be harmful if inhaled  
H303-May be harmful if swallowed

**Precautionary Statements:**

(PREVENTION)

P260-Do not breathe mist/vapors/spray  
P264-Wash thoroughly after handling  
P270-Do not eat, drink, or smoke when using this product  
P271-Use only outdoors in a well-ventilated area  
P273-Avoid release to the environment  
P280-Wear protective gloves / eye protection / face protection

(RESPONSE)

P301+P312- If swallowed, call a POISON CENTER or doctor if you feel unwell

P330-Rinse mouth

P302+P352-IF ON SKIN wash with plenty of soap and water

P305+P351+P338-IN IN EYES rinse cautiously with water for 20 minutes, remove contact lenses and continue rinsing

P337+P313-If eye irritation persists, get medical advice / attention

P362+P364-Take off contaminated clothing

**Precautionary Statements, Storage:**

P403+P233-Store in a well-ventilated place. Keep container tightly closed.

P501-Dispose of container in accordance with local regulations



### 3. COMPOSITION & INFORMATION ON INGREDIENTS

| <u>Chemical Ingredients:</u> | <u>Percentage of Weight:</u> | <u>CAS No.</u> |
|------------------------------|------------------------------|----------------|
| Potassium Acetate            | 52                           | 127-08-2       |
| Water                        | 48                           | 7732-18-5      |

### 4. FIRST AID MEASURES

|                      |                                                                    |
|----------------------|--------------------------------------------------------------------|
| <b>If in eyes:</b>   | Immediately rinse with water for 15 minutes                        |
| <b>If on skin:</b>   | Wash skin with soap and water                                      |
| <b>If swallowed:</b> | Rinse mouth with water and drink large a quantity of water or milk |
| <b>If inhaled:</b>   | Remove product or move person to fresh air                         |

### 5. FIRE FIGHTING MEASURES

|                                          |                                       |
|------------------------------------------|---------------------------------------|
| <b>FLASH POINT (°F/Test Method):</b>     | None to boiling                       |
| <b>FLAMMABLE LIMITS (LFL &amp; UFL):</b> | Not applicable                        |
| <b>EXTINGUISHING MEDIA:</b>              | Suitable for surrounding fire         |
| <b>HAZARDOUS COMBUSTION PRODUCTS:</b>    | Carbon monoxide and/or carbon dioxide |
| <b>SPECIAL FIRE FIGHTING PROCEDURES:</b> | Not applicable                        |

### 6. ACCIDENTAL RELEASE MEASURES

#### STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Confine the spill to a diked area or sump, if possible, and recover as much of the liquid potassium acetate as possible. Place in suitable containers. Reuse.

### 7. HANDLING AND STORAGE

|                  |                                                                                                                                                                                                                                                                                                                                                                        |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>HANDLING:</b> | Avoid eye contact and prolonged skin contact. Respiratory protection is normally not required unless excessive heat or reaction occurs resulting in carbon dioxide or carbon monoxide. Use self-contained breathing apparatus if using in enclosed areas. Sealed containers may develop pressure, open with caution. Wash hands thoroughly after handling the product. |
| <b>STORAGE:</b>  | Store in the original labeled container in a cool place away from direct sunlight. Keep separate from food and feed products and out of reach of children and animals.                                                                                                                                                                                                 |

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

|                                       |                                                          |
|---------------------------------------|----------------------------------------------------------|
| <b>ENGINEERING CONTROLS:</b>          | Not normally required.                                   |
| <b>RESPIRATORY PROTECTION:</b>        | Not normally required.                                   |
| <b>PERSONAL PROTECTIVE EQUIPMENT:</b> | Rubber or plastic gloves, Safety goggles and face shield |

### 9. PHYSICAL AND CHEMICAL PROPERTIES

|                                                                                                                                                                                                                          |                        |                                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|------------------------------------------|
| <b>APPEARANCE AND ODOR:</b>                                                                                                                                                                                              | Clear liquid, odorless |                                          |
| <b>SOLUBILITY:</b>                                                                                                                                                                                                       | Complete               |                                          |
| <b>pH:</b>                                                                                                                                                                                                               | 7.5-9.0                | <b>BULK DENSITY:</b> 10.7 lbs / gallon   |
| <b>SPECIFIC GRAVITY (Water = 1):</b>                                                                                                                                                                                     | 1.28                   | <b>BOILING POINT:</b> >200°F             |
| <b>VAPOR PRESSURE:</b>                                                                                                                                                                                                   | Not established        | <b>EVAPORATION DATE:</b> Not established |
| <b>PERCENT VOLATILE (by volume):</b>                                                                                                                                                                                     | Not applicable         |                                          |
| Note: These physical data are typical values based on material tested but may vary from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items. |                        |                                          |

### 10. STABILITY AND REACTIVITY

|                                          |                                                      |
|------------------------------------------|------------------------------------------------------|
| <b>STABILITY:</b>                        | Stable for at least 2 years under normal conditions. |
| <b>INCOMPATIBILITY:</b>                  | No data reported                                     |
| <b>HAZARDOUS DECOMPOSITION PRODUCTS:</b> | Will not occur.                                      |
| <b>HAZARDOUS POLYMERIZATION:</b>         | Will not occur.                                      |

## 11. TOXICOLOGICAL INFORMATION

**Acute Oral LD<sub>50</sub> (rat):** Not established

**Acute Dermal LD<sub>50</sub> (rabbit):** Not established

**Eye Irritation (rabbit):** Not established

**Inhalation LC<sub>50</sub> (rat):** Not established

**Carcinogenic Potential:** None listed in OSHA, NTP, IARC, or ACGIH

**Skin Irritation (rabbit):** Not established

**Skin Sensitization (guinea pig):** Not established

## 12. ECOLOGICAL INFORMATION

**Ecotoxicology:** Due to the non-toxic classification of this product no negative impact on wildlife is expected.

**Biodegradation:** Oxidation and microorganisms.

## 13. DISPOSAL CONSIDERATIONS

**Waste disposal:** Contaminated absorbents and surplus product should be buried in accordance with any local legislation.

**Container disposal:** Wash thoroughly with water and soap prior to reuse.

## 14. TRANSPORT INFORMATION

**DOT Shipping Description:** NOT REGULATED BY USDOT.

**U.S. Surface Freight Classification:** FERTILIZING COMPOUNDS (MANUFACTURED FERTILIZERS), NOI;  
LIQUID (NMFC 68140, SUB 5; CLASS 50)

## 15. REGULATORY INFORMATION

**SARA Hazard Notification/Reporting**

**SARA Title III Hazard Category:** Immediate Y Fire N Sudden Release of Pressure N  
Delayed N Reactive N

**Reportable Quantity (RQ) under U.S. CERCLA:** Not listed

**SARA, Title III, Section 313:** Not listed

**RCRA Waste Code:** Not listed

## 16. OTHER

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