



SAFETY DATA SHEET

Version 1

1. Identification of the Substance / Preparation and of the Company / Undertaking

Product Name: Ultra-Pure Bestate-P4218
Formula: Not applicable to mixtures
Company Name: Hawkins, Inc. 3100 E. Hennepin Avenue Minneapolis, MN 55413 (612-331-6910)

Emergency Telephone:
CHEMTREC (US): 1-800-424-9300

2. Hazards Identification

GHS - Classification

Acute toxicity - Oral Category 5

Signal Word: Warning
Hazard Statements:
• May be harmful if swallowed
Physical Hazards
• None
Precautionary Statements:
• P312 - Call a POISON CENTER or doctor if you feel unwell

3. Composition / Information on Ingredients

Hazardous

Chemical Name	CAS No	Weight-%	EC No
Potassium acetate	127-08-2	18	204-822-2
Potassium Lactate; Propanoic acid, 2-hydroxy-, monopotassium salt	996-31-6	42	213-631-3

4. First Aid Measures

Eye Contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists: Get medical advice/attention.

Skin Contact: Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation persists, call a physician.

Inhalation: Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

Ingestion: Clean mouth with water and drink afterwards plenty of water. If symptoms persist, call a physician.

Note to Physicians: Treat symptomatically.

5. Fire-fighting Measures

Flammable Properties:

Not combustible

Explosive Properties:

No information available

Suitable Extinguishing Media:Water spray (fog); Carbon dioxide (CO₂); Foam; Dry chemical**Unsuitable Extinguishing Media:**

No information available

Protective Equipment and Precautions for Firefighters:

In the event of a fire, wear full protective clothing and MSHA/NIOSH (approved or equivalent) self-contained breathing apparatus with full facepiece operated in the pressure-demand or other positive pressure mode

6. Accidental Release Measures**Personal Precautions:**

Use only with adequate ventilation.

Environmental Precautions:

Prevent further leakage or spillage if safe to do so.

Methods for Cleaning Up:

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

Other Information:

Not applicable.

7. Handling and Storage**Advice on Safe Handling:**

Avoid contact with skin, eyes or clothing. Use only with adequate ventilation.

Storage Conditions:

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from any source of heat or ignition. Keep away from incompatible substances.

Incompatible Materials:

Strong oxidizing agents

8. Exposure Controls / Personal Protection**Engineering Controls:**

Ensure adequate ventilation, especially in confined areas

Personal protective equipment (PPE)**Eye/Face Protection:**

Tight sealing safety goggles.

Body Protection:

Suitable protective clothing.

General Hygiene Considerations:

Handle in accordance with good industrial hygiene and safety practice.

9. Physical and Chemical Properties**9.1. Information on basic physical and chemical properties****Physical State:**

Liquid

Appearance:

No information available

Color:

Colorless or Amber

Odor:

Slight vinegar like odor

Odor Threshold:

No information available

Property**Values****pH:**

7.2

Remarks • Method**"Salt Out" Point (°F):**

No information available

Melting Point/Freezing Point:

Boiling Point/Boiling Range:**Flash Point:****Evaporation Rate (BuAc=1):****Flammability (solid, gas):****Flammability Limits in Air:**

Upper Flammability Limit:

Lower Flammability Limit:

Vapor Pressure (mm Hg) :**Vapor density (Air =1)****Specific Gravity (H₂O=1):**

1.28-1.32

Specific Gravity (2nd value):**Water Solubility:****Solubility(ies):****Partition Coefficient****(n-octanol/water)****Autoignition Temperature:****Decomposition Temperature:****Kinematic Viscosity:****Dynamic Viscosity:****Oxidizing Properties:**

No information available

Explosive Properties:

No information available

9.2. Other information**Softening Point:**

No information available

Molecular Weight:

No information available

VOC Content(%):

No information available

Density:

No information available

Bulk Density:

No information available

10. Stability and Reactivity**Stability:**

Stable under normal conditions of use and storage

Conditions to Avoid:

Heat, flames and sparks

Incompatible Materials:

Strong oxidizing agents

**Hazardous Decomposition
Products:**

None under normal use conditions

Possibility of Hazardous Reactions: None under normal processing**11. Toxicological Information****Product Information****Acute Toxicity:**

42% of the mixture consists of ingredient(s) of unknown toxicity.

The following values are calculated based on chapter 3.1 of the GHS document

Chemical Name	Oral LD ₅₀ :	Dermal LD ₅₀ :	LC ₅₀ (Lethal Concentration):
Potassium acetate	3250 mg/kg (Rat)		

Chronic Toxicity:

Carcinogenicity: This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP

12. Ecological Information

Ecotoxicity

40% of the mixture consists of component(s) of unknown hazards to the aquatic environment

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia and other aquatic invertebrates
Potassium acetate		6800: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 semi-static	7170: 24 h <i>Daphnia magna</i> mg/L EC50

Persistence and Degradability: No information available.

Bioaccumulation: No information available.

Mobility: No information available.

13. Disposal Considerations

Waste from Residues/Unused Products: Disposal should be in accordance with applicable regional, national and local laws and regulations

14. Transport Information

IATA

DOT

Description Not DOT Regulated

TDG

MEX

15. Regulatory Information

International Inventories

All of the components in the product are on the following inventory lists: TSCA (United States);, Canada (DSL/NDSL), Europe (EINECS/ELINCS/NLP), Australia (AICS), South Korea (KECL);, China (IECSC), ENCS (Japan);, Philippines (PICCS), This product contains a substance not listed on international inventories - it is for research and development use only.

AICS	Complies
TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Complies
ENCS	-
IECSC	Complies
KECL	Complies
PICCS	Complies

Chemical Name	AICS	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS
Potassium acetate	Listed	Listed	Listed	-	Listed	-	(2)-692	Listed	KE-29069	Present

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Potassium Lactate; Propanoic acid, 2-hydroxy-, monopotassium salt	Listed	Listed	Listed	-	Listed	-	(2)-3114	Listed	KE-29153	Present
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Inventory Legend

AICS - Australian Inventory of Chemical Substances

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

RESTRICTIONS - REACH TITLE VII No information available**US Federal Regulations****CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

SARA 313

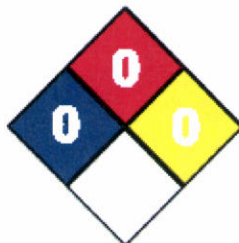
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute health hazard	Yes
Chronic health hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive hazard	No

U.S. State Right-to-Know Regulations**California Proposition 65:**

This product does not contain any Proposition 65 chemicals

16. Other Information**National Fire Protection Association (NFPA) Ratings**

Prepared By: HSE Department
Issue Date: 05-Mar-2013
Revision Date: 05-Mar-2013
Revision Note: MSDS converted to GHS SDS Format.

Disclaimer:

Please be advised that it is your responsibility to inform your employees of the hazards of this substance, to advise them of what these properties mean and be sure they understand exposure information. The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication.

The information presented herein, while not guaranteed, was prepared by competent technical personnel and is true and accurate to the best of our knowledge. No warranty or guaranty, express or implied, is made regarding performance, stability, or otherwise. This information is not intended to be all-inclusive as to the manner and conditions of use, handling, and storage. Other factors may require additional safety or performance considerations. While our technical personnel will be happy to respond to questions regarding safe handling and use procedures, the handling and use remains the responsibility of the consumer. No suggestions are intended as, and should not be constructed as, a recommendation to infringe on any existing patents or to violate any Federal, State, or local laws.

End of Safety Data Sheet