



SAFETY DATA SHEET

Version 1

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

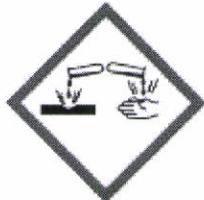
Product Name: Ultra-Pure Bestate-DP2
Synonyms: None
Formula: Not applicable to mixtures
Company Name:
Hawkins, Inc. 3100 E. Hennepin Avenue Minneapolis, MN 55413 (612-331-6910)

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

2. Hazards Identification

GHS - Classification

Skin corrosion/irritation	Category 1	Category 1C
Serious eye damage/eye irritation	Category 1	



Signal Word: Danger

Hazard Statements:

- Causes severe skin burns and eye damage

Physical Hazards

- None

Precautionary Statements:

- P260 - Do not breathe dust/fume/gas/mist/vapors/spray
- P264 - Wash face, hands and any exposed skin thoroughly after handling
- P301 + P330 + P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting
- P303 + P361 + P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
- P363 - Wash contaminated clothing before reuse
- P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
- P321 - Specific treatment (see supplemental first aid instructions on this label)
- P405 - Store locked up
- P501 - Dispose of contents/ container to an approved waste disposal plant
- P280 - Wear protective gloves/protective clothing/eye protection/face protection
- P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
- P310 - Immediately call a POISON CENTER or doctor/physician

3. Composition / Information on Ingredients

Hazardous

Chemical Name	CAS No	Weight-%	EC No

32749 Ultra-Pure Bestate-DP2

Sodium Diacetate; Acetic acid, sodium salt (2:1)	126-96-5	5	204-814-9
Potassium Lactate; Propanoic acid, 2-hydroxy-, monopotassium salt	996-31-6	55	213-631-3

4. First Aid Measures

Eye Contact: Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes.

Skin Contact: Immediately flush eyes or skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

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

Ingestion: Clean mouth with water and drink afterwards plenty of water. Obtain medical attention.

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:

Wash contaminated clothing before reuse.

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

Physical State:	Liquid	Odor: Odor Threshold:	Slight vinegar like odor No information available
Appearance:	No information available		
Color:	Colorless or Amber		
Property	Values		Remarks • Method
pH:	7.2		No information available
"Salt Out" Point (°F):			
Melting Point/Freezing Point:			
Boiling Point/Boiling Range:			
Flash Point:			
Evaporation Rate (BuAc=1):			No information available
Flammability (solid, gas):			No information available
Flammability Limits in Air:			No information available
Upper Flammability Limit:			
Lower Flammability Limit:			
Vapor Pressure (mm Hg) :			No information available
Vapor density (Air =1)			No information available
Specific Gravity (H ₂ O=1):	1.31-1.33		
Specific Gravity (2nd value):			
Water Solubility:			No information available
Solubility(ies):			No information available
Partition Coefficient (n-octanol/water)			No information available
Autoignition Temperature:			
Decomposition Temperature:			No information available
Kinematic Viscosity:			No information available
Dynamic Viscosity:			No information available
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

32749 Ultra-Pure Bestate-DP2

Hazardous Decomposition Products: None under normal use conditions

Possibility of Hazardous Reactions: None under normal processing

11. Toxicological Information

Product Information

Acute Toxicity: 60% of the mixture consists of ingredient(s) of unknown toxicity.

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

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 components(s) of unknown hazards to the aquatic environment

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 NA

TDG

MEX

15. Regulatory Information

International Inventories

32749 Ultra-Pure Bestate-DP2

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	Complies
IECSC	Complies
KECL	Complies
PICCS	Complies

Chemical Name	AICS	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS
Sodium Diacetate; Acetic acid, sodium salt (2:1)	Listed	Listed	Listed	-	Listed	-	(2)-692	Listed	KE-31468	Present
Potassium Lactate; Propanoic acid, 2-hydroxy-, monopotassium salt	Listed	Listed	Listed	-	Listed	-	(2)-3114	Listed	KE-29153	Present

Inventory Legend

AICS - Australian Inventory of Chemical Substances

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

DSL/NDSL - 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

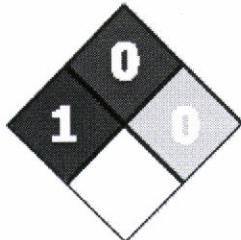
U.S. State Right-to-Know Regulations

California Proposition 65:

This product does not contain any Proposition 65 chemicals

16. Other Information

National Fire Protection Association (NFPA) Ratings



Prepared By: Adam Peterson, Rob Kelley, Andrew Morabu and Todd Bain from the HSE department.

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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 construed as, a recommendation to infringe on any existing patents or to violate any Federal, State, or local laws.

End of Safety Data Sheet