



Safety Data Sheet

AutoGen, Inc.
84 October Hill Rd.
Holliston, MA 01746
774.233.3000

Date revised: 02-22-2024

Emergency Telephone Number: 800.633.8253 (USA & Canada) 801.629.0667 International
Agent: PERS

Section 1 – Product and Company Information

Product Name: Plant Deproteinizing Solution
Product Number: PL-R3 or AG00317-PLR3

Company: AutoGen, Inc.
Address: 84 October Hill Rd.
Holliston, MA 01746
Phone: 774.233.3000
Web: www.autogen.com

Section 2 – Hazard Identification

<u>Chemical name</u>	<u>CAS #</u>
Potassium Acetate	127-08-2
Water	

Signal Word:
Warning

Hazard Statement:
May form combustible dust in air

Section 3 - Composition/Information on Ingredients

<u>Component</u>	<u>CAS-NO</u>	<u>Weight</u>
Potassium Acetate	127-08-2	32-33
Water	7732-18-5	66-67



Emergency Overview:

As part of good industrial and personal hygiene and safety procedures, avoid all unnecessary exposure to the chemical substance and ensure prompt removal from skin, eyes and clothing.

NFPA Ratings:

Health: 1

Flammability: 0

Reactivity: 0

Section 4- First Aid Measures

Inhalation

Remove to fresh air. Get medical attention for any breathing difficulty.

Ingestion

If large amounts were swallowed, give water to drink and get medical advice.

Skin Contact

Wash exposed area with soap and water. Get medical advice if irritation develops.

Eye Contact

Wash thoroughly with running water. Get medical advice if irritation develops.

Inhalation

Remove to fresh air. If breathing is impaired give oxygen. If breathing has stopped, give artificial respiration and contact emergency medical personnel.

Skin Contact

Wash with copious amounts of water. Remove contaminated clothing and contact a physician.

Eye contact

Flush with water for 15 minutes and contact a physician.

Section 5- Fire Fighting Measures

Fire

Not considered to be a fire hazard.

Explosion

Not considered to be an explosion hazard.

Fire Extinguishing Media

Use any means suitable for extinguishing surrounding fire.



Special Information

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

Section 6 – Accidental Release Measures

Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8. Spills: Sweep up and containerize for reclamation or disposal. Vacuuming or wet sweeping may be used to avoid dust dispersal.

Section 7 – Handling and Storage

Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage. Containers of this material may be hazardous when empty since they retain product residues (dust, solids); observe all warnings and precautions listed for the product.

Section 8 – Exposure controls/Personal Protection

Airborne Exposure Limits

None established.

Ventilation System

In general, dilution ventilation is a satisfactory health hazard control for this substance. However, if conditions of use create discomfort to the worker, a local exhaust system should be considered.

Personal Respirators (NIOSH Approved)

For conditions of use where exposure to dust or mist is apparent and engineering controls are not feasible, a particulate respirator (NIOSH type N95 or better filters) may be worn. If oil particles (e.g. lubricants, cutting fluids, glycerine, etc.) are present, use a NIOSH type R or P filter. For emergencies or instances where the exposure levels are not known, use a full-face positive-pressure, air-supplied respirator. **WARNING:** Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.

Skin Protection

Wear protective gloves and clean body-covering clothing.

Eye Protection

Use chemical safety goggles. Maintain eye wash fountain and quick-drench facilities in work area.



Section 9 – Physical and Chemical Properties

Appearance

White, deliquescent, crystalline powder.

Odor

Odorless.

Solubility

200 g/100 g water.

Specific Gravity

1.57 @ 25C

pH

9.7 Conc: 0.1M (solution)

% Volatiles by volume @ 21C (70F):

0

Boiling Point

No information found.

Melting Point

292C (558F)

Vapor Density (Air=1)

No information found.

Vapor Pressure (mm Hg)

No information found.

Evaporation Rate (BuAc=1)

No information found.

Section 10 – Stability and Reactivity

Stability

Stable under ordinary conditions of use and storage.

Hazardous Decomposition Product

May produce oxides of carbon and the contained metal.

Hazardous Polymerization

Will not occur.

Incompatibilities

Strong oxidizing agents.

Conditions to Avoid

Moisture, heat, flames, ignition sources and incompatibles.



Section 11 – Toxicological Information

Oral rat LD50: 3250 mg/kg

-----\Cancer Lists\-----

Ingredient	---NTP Carcinogen---		IARC Category
	Known	Anticipated	
Potassium Acetate (127-08-2)	No	No	None

Section 12 – Ecological Information

Environmental Fate: No information found.

Environmental Toxicity: No information found.

Section 13 – Disposal Considerations

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

Section 14 – Transport Information

Not Regulated

Section 15 – Regulatory Information

-----\Chemical Inventory Status - Part 1\-----

Ingredient	TSCA EC Japan Australia			
Potassium Acetate (127-08-2)		Yes	Yes	Yes

-----\Chemical Inventory Status - Part 2\-----

Ingredient	--Canada--			
	Korea	DSL	NDSL	Phil.
Potassium Acetate (127-08-2)		Yes	Yes	No

-----\Federal, State & International Regulations - Part 1\-----

Ingredient	-SARA 302-		-----SARA 313-----	
	RQ	TPQ	List	Chemical Catg.
Potassium Acetate (127-08-2)	No	No	No	No



-----\Federal, State & International Regulations - Part 2\-----

Ingredient	-RCRA-	-TSCA-	
	CERCLA	261.33	8(d)
Potassium Acetate (127-08-2)	No	No	No

Chemical Weapons Convention: No TSCA 12(b): No CDTA: No
SARA 311/312: Acute: No Chronic: No Fire: No Pressure: No
Reactivity: No (Pure / Solid)

Australian Hazchem Code: None allocated.

Poison Schedule: None allocated.

WHMIS:

This MSDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

Section 16 – Other Information

NFPA Ratings: Health: 1 Flammability: 0 Reactivity: 0

Label Hazard Warning:

As part of good industrial and personal hygiene and safety procedures, avoid all unnecessary exposure to the chemical substance and ensure prompt removal from skin, eyes and clothing.

Label Precautions:

None.

Label First Aid:

Not applicable.

Product Use:

Laboratory Reagent.

Revision Information:

No Changes.

Disclaimer: