



Safety Data Sheet

Report
Date 23-Oct-23

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1. Identification

Product Name : RESGENIX
Synonyms : None
Product Use : Processing aid for industrial applications
Manufacturer/Supplier : Helena Agri-Enterprises, LLC
Address : 225 Schilling Blvd. Collierville, TN 38017
General Information : 901-761-0050
Transportation Emergency Number : CHEMTREC:800-424-9300

2. Hazard Identification

Signal Word : None (no pictogram)
Skin Irritation : Not classified as hazardous under 29 CFR 1910.1200 (2012)
Eye Irritation : Not classified as hazardous under 29 CFR 1910.1200 (2012)
Acute Toxicity Oral : LD50 (rat) >5,000 mg/kg (estimated)
Acute Toxicity Dermal : LD50 (rat) >5,000 mg/kg (estimated)
Hazard Categories : Not classified as hazardous under 29 CFR 1910.1200 (2012)
Hazard Statement : Not Hazardous

3. Composition / Information on Ingredients

Component	CAS Number	Weight %
Potassium acrylate copolymer	Proprietary	26
Water	7732-18-5	74

4. First Aid Measures

Eye : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Skin : Wash off with plenty of water. Get medical attention if irritation develops and persists.
Inhalation : Move to fresh air. No hazards expected which require special first aid measures.
Ingestion : If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. Get medical attention.
Indication of Immediate Medical Attention and Special Treatment Needed : No special treatment needed.



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5. Fire Fighting Measures

- Extinguishing Media** : Use water spray, foam, carbon dioxide or dry chemical.
- Specific Hazards Arising from the Chemical** : Thermal decomposition may produce carbon oxides (COx). Spills produce extremely slippery surfaces.
- Special Fire Fight Proc** : No special protective measures against fire required. Wear self-contained breathing apparatus and full protective clothing for fire fighting.

6. Accidental Release Measures

- Personal Precautions** : No special precautions. Spills produce extremely slippery surfaces.
- Protective Equipment** : Safety glasses with side shields, impervious gloves, impervious apron and footwear. Respiratory protection not normally needed. Eyewash and emergency shower should be available in work area.
- Emergency Procedures** : Prevent further leakage or spillage if safe to do so. Keep people away from spill/leak.
- Methods and Materials for Containment and Cleanup** : Do not flush with water. Soak up spilled product with absorbent material. Sweep up and shovel into suitable containers for disposal. For large spills, dike/dam liquids to prevent spreading. Clean up promptly by scoop or vacuum. After collecting spilled product, flush spill area, absorb and place wash water with material for disposal.

7. Handling and Storage

- Precautions for Safe Handling** : If spilled, surfaces will be extremely slippery.
- Conditions for Safe Storage** : Keep container tightly closed. Freezing will affect the physical condition and may damage the material.

8. Exposure Controls / Personal Protection

- TLV/PEL** : No TLV/PEL established for mixture.
- Appropriate Engineering Controls** : Local exhaust if misting occurs. Natural ventilation is adequate in absence of mists.
- Personal Protective Equipment** : Safety glasses with side shields, impervious gloves, impervious apron and footwear. Respiratory protection not normally needed. Eyewash and emergency shower should be available in work area.

9. Physical and Chemical Properties

- Odor/Appearance** : Light yellow liquid; slight odor.
- Flash Point, °F** : Does not flash



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Boiling Point, °F : 100 Degrees C.
Melting Point(Freezing point), °C : -3 Degrees C.
Vapor Pressure, mm Hg @ 20 °C : 2.3 kPa @ 20 Deg. C.
Vapor Density : Equivalent to water (~0.8 g/L)
Solubility in Water : Completely miscible in water
Molecular Formula : Not applicable, formulated mixture.
Density, g/mL @ 25 °C : 1.165-1.185
Evaporation Rate(Butyl Acetate = 1) : Same as water
Octanol/Water Partition Coefficient : -0
pH : 6 - 8
Flammable Limits (approximate volume % in air) : Not applicable
Auto-ignition Temperature : Does not self-ignite
Decomposition temperature : >100 Degrees C.

10. Stability and Reactivity

Reactivity : Not reactive
Chemical Stability : Stable
Hazardous Decomposition Products : Thermal decomposition may product carbon oxides (COx).
Hazardous Polymerization : Will not occur
Conditions to Avoid : Protect from frost, heat and sunlight.
Incompatible Materials : None known

11. Toxicological Information

Acute Toxicity (Oral LD50) : >5,000 mg/kg (rat)(estimated). Not classified as hazardous under 29 CFR 1910.1200 (2012).
Acute Toxicity (Dermal LD50) : >5,000 mg/kg (rat)(estimated). Not classified as hazardous under 29 CFR 1910.1200 (2012).
Acute Toxicity Inhalation LC50 : No vapor pressure so no LC50 determined. Not classified as hazardous under 29 CFR 1910.1200 (2012).
Likely Routes of Exposure : Skin, eyes
Skin Irritation : Not classified as hazardous under 29 CFR 1910.1200 (2012).
Eye Irritation : Not classified as hazardous under 29 CFR 1910.1200 (2012)
Skin Sensitization : Not a skin sensitizer.
Carcinogenic : Not listed by IARC, NTP or OSHA.
Chronic Effects : None currently known.
Other Hazards : CA PROPOSITION 65 **WARNINGS!**: This product can expose you to chemicals, including Acrylamide, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov



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12. Ecological Information

Ecotoxicity : No data available
Persistence and Degradability : No data available
Bioaccumulative Potential : No data available
Mobility in Soil : No data available
Other Adverse Effects : No data available

13. Disposal Considerations

Waste Disposal Method : This material must be disposed of according to Federal, State or Local procedures under the Resource Conservation and Recovery Act.

14. Transport Information

UN Proper Shipping Name : Not regulated by DOT, IATA or IMDG.
Transport Hazard Class : None
UN Identification Number : None
Packaging Group : None
Environmental Hazards : No information found
Transport in Bulk : No information found
Special Precautions for Transportation : No information found
Freight Classification : Adhesives, Adjuvants, Spreaders or Stickers, N.O.I. (NMFC Item 42652, Class 60)

15. Regulatory Information

**National Fire Protection
Association Rating** :

Health: 0 Fire: 0 Reactivity: 0
Rating Level: (4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Minimum)

**S.A.R.A Title III Hazard
Classification (Yes/No)** :

Immediate(Acute) Health: N
Delayed (Chronic) Health: N
Sudden Release of N
Pressure:
Fire: N
Reactive: N



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16. Other Information

Data of Preparation/Revision : 23-October-2023