Safety Data Sheet

Revision Date: 03/21/18

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2 Letter ISO country code/language code: US/EN

1. IDENTIFICATION

Catalog Number / Product Name:	**25852 / Q-sep QuEChERS extraction AOAC Method**
Company:	Restek Corporation
Address:	110 Benner Circle
	Bellefonte, Pa. 16823
Phone#:	814-353-1300
Fax#:	814-353-1309
Emergency#:	800-424-9300 (CHEMTREC)
	703-527-3887 (Outside the US)
Email:	www.restek.com
Revision Number:	1
Intended use:	For Laboratory use only

2. HAZARD(S)IDENTIFICATION

Emergency Overview:

GHS Classification:	Not classified as hazardous under GHS
GHS Precautions:	
Single Exposure Target Organs:	No data available
Repeated Exposure Target Organs:	No data available

3. COMPOSITION / INFORMATION ON INGREDIENT

Chemical Name	CAS #	EINEC #	% Composition
magnesium sulfate	7487-88-9	231-298-2	6
sodium acetate	127-09-3	204-823-8	1.5

4. FIRST-AID MEASURES

Inhalation:	Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen.
Eyes:	Use an eye wash to remove a chemical from your eye regardless of the level of hazard. Flush the affected eye for at least twenty minutes. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Seek medical advice after flushing.
Skin Contact:	Wash with soap and water. Get medical attention if irritation develops or persists.
Ingestion:	Do not induce vomiting and seek medical attention immediately. Drink two glasses of water or milk to dilute. Provide medical care provider with this SDS.

5. FIRE- FIGHTING MEASURES

Extinguishing Media:	None Known Use methods suitable to fight surrounding fire.
Fire and/or Explosion Hazards:	No data.
Fire Fighting Methods and Protection:	Will not burn, no special instructions available. Use methods appropriate for surrounding materials.
Hazardous Combustion Products:	Carbon dioxide, Carbon monoxide

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions and Equipment:	Avoid the generation of dusts during clean-up.
Methods for Clean-up:	Sweep up and collect in suitable container for disposal in accordance with

local, state and federal regulations.

7. HANDLING AND STORAGE

Handling Technical Measures and Precautions:	Mildly irritating material. Avoid unnecessary exposure. As with all chemicals, good industrial hygiene practices should be followed when handling this material.
Storage Technical Measures and Conditions:	No data available Store in a cool dry place Store in a tightly closed container

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

United States:

Chemical Name	CAS No.	IDLH	ACGIH STEL	ACGIH TLV-TWA	OSHA Exposure Limit
magnesium sulfate	7487-88-9	Not established	None Known	Not established	No data available
sodium acetate	127-09-3	Not established	None Known	Not established	No data available

Personal Protection:

Engineering Measures:	No exposure limits exist for the constituents of this product. General room ventilation might be required to maintain operator comfort under normal conditions of use.
Respiratory Protection:	No respiratory protection required under normal conditions of use. Provide general room exhaust ventilation if symptoms of overexposure occur as explained Section 3. A respirator is not normally required.
Eye Protection:	Wear safety glasses when handling this product.
Skin Protection:	Wear protective gloves when handling this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance, color:	No data available
Odor:	None
Physical State:	No data available
pH:	Not applicable
Vapor Pressure:	No data available
Boiling Point (°C):	123 °C at 1013 hPa
Flash Point (°F):	No data available
Upper Flammable/Explosive Limit, % in air:	No data available
Lower Flammable/Explosive Limit, % in air:	No data available
Autoignition Temperature (°C):	No data available deg C
Decomposition Temperature (°C):	No data available
Evaporation Rate:	No data available
Odor Threshold:	No data available
Solubility:	Not determined
Partition Coefficient: n-octanol in water:	No data available
VOC % by weight:	0
Molecular Weight:	No data available

10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions.
Conditions to Avoid:	None known.
Materials to Avoid / Chemical Incompatiability:	Strong oxidizing agents
Hazardous Decomposition Products:	No data available

11. TOXICOLOGICAL INFORMATION

Routes of Entry:	Inhalation, Skin Contact, Eye Contact, Ingestion
Target Organs Potentially Affected By Exposure:	No data available
Chemical Interactions That Change Toxicity:	None Known

Immediate (Acute) Health Effects by Route of Exposure:

Inhalation Irritation:	May be harmful if inhaled. Material may be irritating to mucous membranes and upper respiratory tract.
Skin Contact:	May cause skin irritation.
Eye Contact:	May cause eye irritation.
Ingestion Irritation:	May be harmful if swallowed.

Long-Term (Chronic) Health Effects:
Carcinogenicity: No data.
Reproductive and Developmental Toxicity: No data available to indicate product or any components present at greater than 0.1% may cause birth defects.

Component Toxicological Data:
NIOSH:

Chemical Name	CAS No.	LD50/LC50
Sodium acetate	127-09-3	Dermal LD50 Rabbit >10 g/kg; Inhalation LC50 Rat >30 g/m3 1 h; Oral LD50 Rat 3530 mg/kg

Component Carcinogenic Data:
OSHA:

Chemical Name	CAS No.
No data available	

ACGIH:

Chemical Name	CAS No.
No data available	

NIOSH:

Chemical Name	CAS No.
No data available	

NTP:

Chemical Name	CAS No.
No data available	

IARC:

Chemical Name	CAS No.	Group No.

12. ECOLOGICAL INFORMATION

Overview: No ecological information available
Mobility: No data
Persistence: No data
Bioaccumulation: No data
Degradability: No data
Ecological Toxicity Data: No data available

13. DISPOSAL CONSIDERATIONS

Waste Description of Spent Product: Mixing spent or discarded material with other materials may render the mixture hazardous. Perform a hazardous waste determination on mixtures.
Disposal Methods: Please consult with Federal, State, Local, and/or Provincial regulations prior to the disposal of this product.
Waste Disposal of Packaging: Comply with all Local, State, Federal, and Provincial Environmental Regulations.

14. TRANSPORTATION INFORMATION

United States:
DOT Proper Shipping Name: DOT Not Regulated
UN Number: Not Regulated
Hazard Class: Not applicable
Packing Group: Not applicable

International:
IATA Proper Shipping Name: IATA Not Regulated
UN Number: Not Regulated
Hazard Class: Not applicable
Packing Group: Not applicable

Marine Pollutant: No

Chemical Name	CAS#	Marine Pollutant	Severe Marine Pollutant

No data available			

15. REGULATORY INFORMATION

United States:

Chemical Name	CAS#	CERCLA	SARA 313	SARA EHS 313	TSCA
magnesium sulfate	7487-88-9	-	-	-	X
sodium acetate	127-09-3	-	-	-	X

The following chemicals are listed on CA Prop 65:

Chemical Name	CAS #	Regulation

State Right To Know Listing:

Chemical Name	CAS#	New Jersey	Massachusetts	Pennsylvania	California
magnesium sulfate	7487-88-9	-	-	-	-
sodium acetate	127-09-3	-	-	-	-

16. OTHER INFORMATION

Prior Version Date: None

Other Information: Any changes to the SDS compared to previous versions are marked by a vertical line in front of the concerned paragraph.

References: No data available

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