

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture
 Product name : roQ™ QuEChERS dSPE Kit - 2mL CT, 150mg MgSO₄, 50mg PSA, 50mg C18E, 50mg GCB
 Product code : KS0-8917

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.3. Details of the supplier of the safety data sheet

Phenomenex, Inc.
 411 Madrid Ave.
 90501 Torrance - United States
 T 310-212-0555 - F 310-328-7768
info@phenomenex.com - www.phenomenex.com

1.4. Emergency telephone number

Emergency number : INFORTAC assistance (United States): +1-800-535-5053
 INFOTRAC assistance (Outside United States): +1-352-323-3500

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (GHS-US)

Not classified

2.2. Label elements

GHS-US labelling

No labelling applicable

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS US)

No data available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification (GHS-US)
magnesium sulfate (Component)	(CAS No.) 7487-88-9	50	
carbon black (Component)	(CAS No.) 1333-86-4	16.7	
Sepra PSA Bonded Silica (Component)	(CAS No.) 112926-00-8	16.7	
Sepra C18E Bonded Silica (Component)	(CAS No.) 112926-00-8	16.7	

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Consult a physician after significant exposure.
 First-aid measures after inhalation : Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth.
 First-aid measures after skin contact : Wash immediately with plenty of soap and water.
 First-aid measures after eye contact : Rinse immediately with plenty of water.
 First-aid measures after ingestion : Rinse mouth out with water. Never give anything by mouth to an unconscious person.

4.2. Most important symptoms and effects, both acute and delayed

No additional information available

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire.

5.2. Special hazards arising from the substance or mixture

Fire hazard : No fire hazard.
 Explosion hazard : No direct explosion hazard.
 Reactivity : No data available.

5.3. Advice for firefighters

Firefighting instructions : No specific measures are necessary.
 Protection during firefighting : Wear a self contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment : Use personal protective equipment as required. Avoid breathing dust, mist or spray.

6.1.2. For emergency responders

Protective equipment : Use personal protective equipment as required. Avoid breathing dust, mist or spray.

6.2. Environmental precautions

Do not allow into drains or water courses or dispose of where ground or surface waters may be affected.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Large spills: scoop solid spill into closing containers.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Use personal protective equipment as required. Local exhaust is recommended where dust may occur.
 Hygiene measures : Handle in accordance with good industrial hygiene and safety procedures.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep container tightly closed and in well ventilated place.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

carbon black (1333-86-4)		
USA ACGIH	ACGIH TWA (mg/m³)	3 mg/m³

8.2. Exposure controls

Appropriate engineering controls : Provide local exhaust or general room ventilation to minimize exposure to dust.
 Personal protective equipment : Gloves. Safety glasses.



Hand protection : Wear suitable gloves resistant to chemical penetration.
 Eye protection : Wear closed safety glasses.
 Skin and body protection : Wear chemically protective gloves, lab coat or apron to prevent prolonged or repeated skin contact.
 Respiratory protection : Respiratory protection not required in normal conditions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Solid
 Colour : No data available
 Odour : No data available

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Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Self ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Solubility	: No data available
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

No additional information available

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

No additional information available

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

magnesium sulfate (7487-88-9)	
LD50 oral rat	> 4000 mg/kg (Rat)
LD50 dermal rat	> 2000 mg/kg (Rat)

carbon black (1333-86-4)	
LD50 oral rat	> 15400 mg/kg (Rat)
LD50 dermal rabbit	> 3000 mg/kg (Rabbit)

Sepra C18E Bonded Silica (112926-00-8)	
LD50 oral rat	> 5000 mg/kg (Rat)

Sepra PSA Bonded Silica (112926-00-8)	
LD50 oral rat	> 5000 mg/kg (Rat)

Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified

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Germ cell mutagenicity : Not classified
 Carcinogenicity : Not classified

carbon black (1333-86-4)	
IARC group	2B

Sepra C18E Bonded Silica (112926-00-8)	
IARC group	3

Sepra PSA Bonded Silica (112926-00-8)	
IARC group	3

Reproductive toxicity : Not classified
 Specific target organ toxicity (single exposure) : Not classified
 Specific target organ toxicity (repeated exposure) : Not classified
 Aspiration hazard : Not classified

SECTION 12: Ecological information**12.1. Toxicity**

magnesium sulfate (7487-88-9)	
LC50 fish 1	14000 mg/l (48 Hours; Leuciscus idus; STATIC SYSTEM)
EC50 Daphnia 1	1700 mg/l (24 Hours; Daphnia magna)
LC50 fish 2	15500 mg/l (96 Hours; Gambusia affinis; STATIC SYSTEM)
Threshold limit other aquatic organisms 1	27.4 g/l (0.5 Hours; Photobacterium phosphoreum)
Threshold limit algae 2	220 mg/l (72 Hours; Scenedesmus subspicatus; BIOMASS)

carbon black (1333-86-4)	
LC50 fish 1	> 1000 mg/l (96 Hours; Brachydanio rerio)
EC50 Daphnia 1	> 5600 mg/l (24 Hours; Daphnia magna)

12.2. Persistence and degradability

magnesium sulfate (7487-88-9)	
Persistence and degradability	Biodegradability: not applicable.
Biochemical oxygen demand (BOD)	Not applicable
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
BOD (% of ThOD)	Not applicable

carbon black (1333-86-4)	
Persistence and degradability	Biodegradability: not applicable. Biodegradability in soil: not applicable. Adsorbs into the soil.
Biochemical oxygen demand (BOD)	Not applicable
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
BOD (% of ThOD)	Not applicable

Sepra C18E Bonded Silica (112926-00-8)	
Persistence and degradability	Biodegradability: not applicable.
Biochemical oxygen demand (BOD)	Not applicable
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
BOD (% of ThOD)	Not applicable

Sepra PSA Bonded Silica (112926-00-8)	
Persistence and degradability	Biodegradability: not applicable.
Biochemical oxygen demand (BOD)	Not applicable
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
BOD (% of ThOD)	Not applicable

12.3. Bioaccumulative potential

magnesium sulfate (7487-88-9)	
Bioaccumulative potential	No bioaccumulation data available.

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carbon black (1333-86-4)	
Bioaccumulative potential	According to literature, not bioaccumulative.

Sepra C18E Bonded Silica (112926-00-8)	
Log Pow	Not applicable
Bioaccumulative potential	No bioaccumulation data available.

Sepra PSA Bonded Silica (112926-00-8)	
Log Pow	Not applicable
Bioaccumulative potential	No bioaccumulation data available.

12.4. Mobility in soil

carbon black (1333-86-4)	
Ecology - soil	Literature reports not toxic to flora. Literature reports not toxic to fauna.

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Consult an expert on waste disposal or treatment. Dispose of at a licensed waste collection center.

SECTION 14: Transport information

In accordance with ADR / RID / ADN R / IMDG / ICAO / IATA

14.1. UN number

Not applicable

14.2. UN proper shipping name

Not applicable

14.3. Additional information

Overland transport

No additional information available

Transport by sea

No additional information available

Air transport

No additional information available

SECTION 15: Regulatory information

15.1. US Federal regulations

No additional information available

15.2. International regulations

CANADA

No additional information available

EU-Regulations

No additional information available

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Classification according to Directive 67/548/EEC or 1999/45/EC

Not classified

15.2.2. National regulations

No additional information available

15.3. US State regulations

No additional information available

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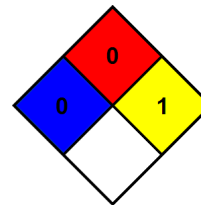
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SECTION 16: Other information

- NFPA health hazard : 0 - Exposure under fire conditions would offer no hazard beyond that of ordinary combustible materials.
- NFPA fire hazard : 0 - Materials that will not burn.
- NFPA reactivity : 1 - Normally stable, but can become unstable at elevated temperatures and pressures or may react with water with some release of energy, but not violently.



HMIS III Rating

- Health : 0 Minimal Hazard - No significant risk to health
- Flammability : 0 Minimal Hazard
- Physical : 0 Minimal Hazard
- Personal Protection : B

PHX US GHS

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