

SAFETY DATA SHEET

Cat# BN00079 Exosome immunocapture and RNA extraction kit (Biological Fluids/Cell Media, 20 reactions)

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Exosome immunocapture and RNA extraction kit (Biological Fluids/Cell Media, 20 reactions)
PRODUCT CODES: Cat# BN00079
MANUFACTURER: Assay Genie (brand of Reagent Genie Ltd.)
ADDRESS: G1 The Steelworks, Foley Street, Dublin 1
EMERGENCY PHONE: +353 1 8879802

SECTION 2: HAZARDS IDENTIFICATION

Component	Description	Volume	Safety Information
Pre-couple latex immunobeads	25% slurry	BN00079: 200 µl	No hazards
Bead Washing buffer (5X)	Solution	BN00079: 10 ml	No hazards
Lysis buffer	Solution containing Phenol, Guanidine thiocyanate and Ammonium thiocyanate > 1%	BN00079: 16 ml	See Below
RNA Washing buffer	Solution	BN00079: 9 ml	No hazards
Elution buffer	Solution	BN00079: 1 ml	No hazards
Lyophilized Exosome Standard	Powder	BN00079: 100 µg	No hazards

Phenol:

Emergency Overview

OSHA Hazards: Irritant, Harmful by ingestion

GHS Classification: Acute toxicity, Oral (Category 3)

Acute toxicity, Inhalation (Category 3)

Acute toxicity, Dermal (Category 3)

Skin corrosion (Category 1B)

Serious eye damage (Category 1)

Germ cell mutagenicity (Category 2)

Specific target organ toxicity - repeated exposure (Category 2)

Acute aquatic toxicity (Category 3)

Chronic aquatic toxicity (Category 2)

GHS Label elements, including precautionary statements



Pictogram:

Signal word: Danger

Hazard statement(s): H301 + H311 + H331 Toxic if swallowed, in contact with skin or if inhaled

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

H341 Suspected of causing genetic defects.

H373 May cause damage to organs through prolonged or repeated exposure.

H402 Harmful to aquatic life.

H411 Toxic to aquatic life with long lasting effects.

Precautionary statement(s): P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P260 Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.

P264 Wash skin thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P271 Use only outdoors or in a well-ventilated area.

P273 Avoid release to the environment.

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P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

P301 + P310 + P330 IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician. Rinse mouth.

P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304 + P340 + P310 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor/ physician.

P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician.

P308 + P313 IF exposed or concerned: Get medical advice/ attention.

P362 Take off contaminated clothing and wash before reuse.

P391 Collect spillage.

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.

P501 Dispose of contents/ container to an approved waste disposal plant.

HMIS Classification

Health hazard: 3

Flammability: 0

Physical hazards: 0

NFPA Rating

Health Hazard: 3

Fire: 2

Reactivity Hazard: 0

Potential Health Effects

Inhalation: May be harmful if inhaled. Causes respiratory tract irritation.

Skin: Harmful if absorbed through skin. Causes skin irritation.

Eyes: Causes eye irritation.

Ingestion: Harmful if swallowed.

Guanidine thiocyanate:

Emergency Overview

OSHA Hazards: Irritant

GHS Classification:

Acute toxicity, Oral (Category 4)

Skin corrosion (Category 1C)

Serious eye damage (Category 1)

Acute aquatic toxicity (Category 3)

Chronic aquatic toxicity (Category 3)

GHS Label elements, including precautionary statements



Pictogram:

Signal word:

Danger

Hazard statement(s):

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H412 Harmful to aquatic life with long lasting effects

Precautionary statement(s):

P260 Do not breathe dust or mist.

P264 Wash skin thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P273 Avoid release to the environment.

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell.

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.

P304 + P340

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

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.

P321 Specific treatment (see supplemental first aid instructions on this label).

P363 Wash contaminated clothing before reuse.

P405 Store locked up.

P501 Dispose of contents/ container to an approved waste disposal plant.

HMIS Classification

Health hazard: 3

Flammability: 0

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Physical hazards: 0

NFPA Rating

Health Hazard: 3

Fire: 0

Reactivity Hazard: 0

Potential Health Effects

Inhalation: May be harmful if inhaled. Causes respiratory tract irritation.

Skin: May be harmful if absorbed through skin. Causes skin irritation.

Eyes: Causes eye irritation.

Ingestion: May be harmful if swallowed.

Ammonium thiocyanate:

Emergency Overview

OSHA Hazards: Target organ effect, Toxic by ingestion, Irritant

Target Organs: Central nervous system

GHS Classification: Acute toxicity, Oral (Category 4)
Acute toxicity, Inhalation (Category 4)
Acute toxicity, Dermal (Category 4)
Acute aquatic toxicity (Category 2)
Chronic aquatic toxicity (Category 3)

GHS Label elements, including precautionary statements



Pictogram:

Signal word:

Warning

Hazard statement(s):

H302 + H312 + H332 Harmful if swallowed, in contact with skin or if inhaled

H401 Toxic to aquatic life.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statement(s):

P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.

P264 Wash skin thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P271 Use only outdoors or in a well-ventilated area.

P273 Avoid release to the environment.

P280 Wear protective gloves/ protective clothing.

P301 + P312 + P330

IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell. Rinse mouth.

P302 + P352 + P312

IF ON SKIN: Wash with plenty of soap and water. Call a POISON CENTER or doctor/ physician if you feel unwell.

P304 + P340 + P312

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/ physician if you feel unwell.

P363 Wash contaminated clothing before reuse.

P501 Dispose of contents/ container to an approved waste disposal plant.

HMIS Classification

Health hazard: 2

Chronic Health Hazard: *

Flammability: 0

Physical hazards: 0

NFPA Rating

Health hazard: 2

Fire: 0

Reactivity Hazard: 0

Potential Health Effects

Inhalation: May be harmful if inhaled. Causes respiratory tract irritation.

Skin: May be harmful if absorbed through skin. Causes skin irritation.

Eyes: Causes eye irritation.

Ingestion: Toxic if swallowed.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS Number	EC-No.	Molecular Weight	Chemical Formula
Phenol	108-95-2	203-632-7	94.11	C ₆ H ₆ O
Guanidine thiocyanate	593-84-0	209-812-1	118.16	CH ₅ N ₃ · CHNS

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Ammonium thiocyanate	1762-95-4	217-175-6	76.12	H ₄ N ₂ S
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SECTION 4: FIRST AID MEASURES

General advice: Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
If inhaled: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact: Wash off with soap and plenty of water. Consult a physician.
In case of eye contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed: DO NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

SECTION 5: FIRE-FIGHTING MEASURES

Condition of flammability: Not flammable or combustible.
Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Special protective equipment for fire-fighters: Wear self-contained breathing apparatus for firefighting if necessary.
Hazardous combustion products: Hazardous combustion products formed under fire conditions— no data available.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions: Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist, or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.
Environmental precautions: Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.
Methods for cleaning up: Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling
 Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.
Conditions for safe storage
 Keep container tightly closed in a dry and well-ventilated place.
 Recommended storage temperature: -20 °C

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Phenol:

Components	CAS-No.	Value	Control parameters	Basis
Phenol	108-95-2	TWA	5 ppm	USA. ACGIH Threshold Limit Values (TLV)
Remarks:	Central Nervous System impairment Upper Respiratory Tract irritation Lung damage Substances for which there is a Biological Exposure Index or Indices (see BEI® section) Not classifiable as a human carcinogen Danger of cutaneous absorption			
		TWA	5 ppm 19 mg/m ³	USA. NIOSH Recommended Exposure Limits
Potential for dermal absorption.				
		C	15.6 ppm 60 mg/m ³	USA. NIOSH Recommended Exposure Limits
Potential for dermal absorption 15 minute ceiling value				
		TWA	5 ppm 19 mg/m ³	USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
Skin designation The value in mg/m ³ is approximate.				

Components	CAS-No.	Parameters	Value	Biological specimen	Basis
Phenol	108-95-2	Phenol	250mg/g	Urine	ACGIH - Biological

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			Creatinine		Exposure Indices (BEI)
Remarks: End of shift (As soon as possible after exposure ceases)					

Personal protective equipment

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Eye protection

Face shield and safety glasses. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin and body protection

Complete suit protecting against chemicals. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Phenol	Guanidine thiocyanate	Ammonium thiocyanate
Appearance:	Liquid	crystalline	solid
pH:	6.0	4.8 - 6.0	4.0 - 5.5
Water Solubility:	84 g/l at 20 °C (68 °F)	1,420 g/l at 20 °C (68 °F)	76.1 g/l at 20 °C (68 °F)
Other Solubility:	No data available	No data available	No data available
Boiling Point (°C)	182.0 °C (359.6 °F)	No data available	No data available
Melting Point (°C)	38 - 43 °C (100 - 109 °F)	117 °C (243 °F)	152 - 154 °C
Flash Point (°C)	79.0 °C (174.2 °F)	No data available	No data available
Ignition Temp. (°C)	715.0 °C (1,319.0 °F)	No data available	No data available
Density:	1.07 g/cm ³	630 kg/m ³	1.3 g/cm ³

SECTION 10: STABILITY AND REACTIVITY

Property	Phenol	Guanidine thiocyanate	Ammonium thiocyanate
Chemical Stability:	Stable under recommended storage conditions.		
Conditions to Avoid:	No data available	Contact with acids liberates very toxic gas.	Avoid moisture. Exposure to air may affect product quality.
Materials to Avoid:	No data available	No data available	No data available
Hazardous decomposition products:	No data available	Carbon oxides, sulfur oxides, nitrogen oxides	No data available

SECTION 11: TOXICOLOGICAL INFORMATION

Phenol:

Acute toxicity: LD50 Oral - Rat - 317.0 mg/kg

Remarks: Behavioral:Convulsions or effect on seizure threshold.

LD50 Oral - Rat - 410.0 - 650.0 mg/kg

LC50 Inhalation - Rat - 8 h - 900 mg/m³

LD50 Dermal - Rabbit - 630.0 mg/kg

Skin corrosion/irritation:

Skin - Rabbit

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Result: Severe skin irritation - 24 h

Serious eye damage/eye irritation:

Eyes - Rabbit

Result: Corrosive (OECD Test Guideline 405)

Respiratory or skin sensitization: no data available

Germ cell mutagenicity: In vitro tests showed mutagenic effects

Carcinogenicity:

This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification.

IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (Phenol)

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Teratogenicity: no data available

Specific target organ toxicity – single exposure (GHS): no data available

Specific target organ toxicity – repeated exposure (GHS): May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard: no data available

Additional information: RTECS: not available

Guanidine thiocyanate:

Acute toxicity: LD50 Oral - rat - 593 mg/kg

Inhalation: no data available

Dermal: no data available

LD50 Intraperitoneal - mouse - 300 mg/kg

Skin corrosion/irritation: no data available

Serious eye damage/eye irritation: no data available

Respiratory or skin sensitization: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Teratogenicity: no data available

Specific target organ toxicity – single exposure (GHS): Inhalation – may cause respiratory irritation.

Specific target organ toxicity – repeated exposure (GHS): no data available

Aspiration hazard: no data available

Potential Health Effects

Inhalation: May be harmful if inhaled. Causes respiratory tract irritation.

Skin: May be harmful if absorbed through skin. Causes skin irritation.

Eyes: Causes eye irritation.

Ingestion: May be harmful if swallowed.

Signs and Symptoms of Exposure: To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Synergistic effects: no data available

Ammonium thiocyanate:

Acute toxicity: LD50 Oral - Rat - 750 mg/kg

Skin corrosion/irritation: Skin - EPISKIN Human Skin Model Test. Result: No skin irritation

Serious eye damage/eye irritation: no data available

Respiratory or skin sensitization: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

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OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Teratogenicity: no data available

Potential Health Effects

Inhalation: May be harmful if inhaled. Causes respiratory tract irritation.

Skin: May be harmful if absorbed through skin. Causes skin irritation.

Eyes: Causes eye irritation.

Ingestion: Toxic if swallowed.

Signs and Symptoms of Exposure: Exposure may cause central nervous system depression. To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Synergistic effects: no data available

Additional information: RTECS: XK7875000

SECTION 12: ECOLOGICAL INFORMATION

Phenol:

Persistence and degradability: Biodegradability Result: - Readily biodegradable

Toxicity:

Toxicity to fish LC50 - *Leuciscus idus* (Golden orfe) - 14.00 - 25.00 mg/l - 48 h

LC50 - *Carassius auratus* (goldfish) - 36.10 - 68.80 mg/l - 96 h

Toxicity to daphnia and other aquatic invertebrates EC50 - *Daphnia magna* (Water flea) - 56 mg/l - 48 h

Toxicity to algae EC50 - *Chlorella vulgaris* (Fresh water algae) - 370.00 mg/l - 96 h

Bioaccumulative potential: Bioaccumulation *Danio rerio* (zebra fish) - 5 h - 2 mg/l

Bioconcentration factor (BCF): 17.5

Remarks: Does not bioaccumulate.

Mobility in soil: no data available

PBT and vPvB assessment: no data available

Other adverse effects: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Harmful to aquatic life with long lasting effects.

Guanidine thiocyanate:

Persistence and degradability: no data available

Toxicity: Toxicity to daphnia and other aquatic invertebrates EC50 - *Daphnia* - 42.4 mg/l - 48 h

Bioaccumulative potential: no data available

Mobility in soil: no data available

PBT and vPvB assessment: no data available

Other adverse effects: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Harmful to aquatic life. May be harmful to aquatic organisms due to the shift of the pH. Avoid release to the environment.

Ammonium thiocyanate:

Persistence and degradability: Biodegradability aerobic - Exposure time 28 d. Result: 80 % - Readily biodegradable. (OECD Test Guideline 301D)

Toxicity:

Toxicity to fish static test LC50 - *Oncorhynchus mykiss* (rainbow trout) - 65 mg/l - 96 h

Toxicity to daphnia and other aquatic invertebrates static test EC50 - *Daphnia magna* (Water flea) - 3.56 mg/l - 48 h (OECD Test Guideline 202)

Toxicity to algae static test EC50 - *Selenastrum capricornutum* (green algae) - 116 mg/l - 72 h (OECD Test Guideline 201)

Bioaccumulative potential: no data available

Mobility in soil: no data available

PBT and vPvB assessment: no data available

Other adverse effects: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Toxic to aquatic life.

SECTION 13: DISPOSAL CONSIDERATIONS

Product: Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Contaminated packaging: Dispose of as unused product.

SECTION 14: TRANSPORT INFORMATION

Phenol:

DOT (US): UN number: 1671, Class: 6.1, Packing group: II; Proper shipping name: Phenol, Solution; Reportable Quantity (RQ): 1000 lbs
Poison Inhalation Hazard: No

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IMDG: UN number: 1671 Class: 6.1 Packing group: II EMS-No: F-A, S-A; Proper shipping name: PHENOL, SOLUTION

IATA: UN number: 1671 Class: 6.1 Packing group: II; Proper shipping name: Phenol, solution

Guanidine thiocyanate:

DOT (US): UN number: 1759 Class: 8 Packing group: III; Proper shipping name: Corrosive solids, n.o.s. (Guanidinium thiocyanate)

Reportable Quantity (RQ): Marine pollutant: No; Poison Inhalation Hazard: No

IMDG: UN number: 1759 Class: 8 Packing group: III EMS-No: F-A, S-B; Proper shipping name: CORROSIVE SOLID, N.O.S. (Guanidinium thiocyanate) Marine pollutant: No

IATA: UN number: 1759 Class: 8 Packing group: III; Proper shipping name: Corrosive solid, n.o.s. (Guanidinium thiocyanate)

Ammonium thiocyanate:

DOT (US): UN number: 3077 Class: 9 Packing group: III. Proper shipping name: Environmentally hazardous substance, solid, n.o.s.

(Ammonium thiocyanate) Reportable Quantity (RQ): 5000 lbs. Poison Inhalation Hazard: No

IMDG: Not dangerous goods

IATA: Not dangerous goods

SECTION 15: REGULATORY INFORMATION

SARA 302 Components: SARA 302: No chemical in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components: SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title II, Section 313.

SARA 311/312 Hazards: Phenol: Acute Health Hazard, Guanidine thiocyanate: Acute Health Hazard, Ammonium thiocyanate: Acute Health Hazard, Chronic Health Hazard

Massachusetts Right To Know Components: No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know Components: Phenol, CAS-No. 108-95-2

Guanidine thiocyanate, CAS-No. 593-84-0

Ammonium thiocyanate, CAS-No. 1762-95-4

New Jersey Right To Know Components: Phenol, CAS-No. 108-95-2

Guanidine thiocyanate, CAS-No. 593-84-0

Ammonium thiocyanate, CAS-No. 1762-95-4

California Prop. 65 Components: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

EU regulations

Component	Risk Phrases	Safety Phrases
Phenol	R34, R24/25	S1/2, S28, S45
Guanidine thiocyanate	R20/21/22, R32	S22, S24-25, S45
Ammonium thiocyanate	R20/21/22, R30	S13

SECTION 16: OTHER INFORMATION:

OTHER INFORMATION:

PREPARATION INFORMATION:

DISCLAIMER:

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Assay Genie shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.