	SDS Safety Data Sheet				STATUS	Controlled
	SDS No	SDS-57	REV	01	ECO	1329
	Last Review Date	09/15/15			Page 1 of 8	
	Product Name	Porcine Heparin / Celite Assay Tube				

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

1.1. Product identifier

Product form : Mixture
Name : Porcine Heparin / Celite Assay Tube
Product code : R-HRT480P

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

1.2.1. Relevant identified uses

Main use category : Industrial use, Professional use
Industrial/Professional use spec : Industrial
For professional use only

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Accriva Diagnostics Inc
6260 Sequence Dr
CA 92121 San Diego
T (800)5792255 - F 1-858-314-6701
customerservice@accriva.com - <http://www.accriva.com/>

1.4. Emergency telephone number

Country	Organisation/Company	Address	Emergency number
IRELAND (REPUBLIC OF)	National Poisons Information Centre Beaumont Hospital	Beaumont Hospital Beaumont Road 9 Dublin	: +353 1 8379964
UNITED KINGDOM	National Poisons Information Service (NHS Direct)	http://www.npis.org	111 (England & Wales only) or 112 (EU) or 08454 24 24 24 (Scotland)
US			911

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Skin Irrit. 2 H315
Eye Dam. 1 H318
Repr. 2 H361
STOT RE 2 H373

Full text of H-statements: see section 16

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

Xn; R48/20

Full text of R-phrases: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available


2.2. Label elements

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

Hazard pictograms (CLP) :



Signal word (CLP) : Danger
Hazardous ingredients : 1H-imidazole, cristobalite, Silicon dioxide
Hazard statements (CLP) : H315 - Causes skin irritation
H318 - Causes serious eye damage
H361 - Suspected of damaging fertility or the unborn child

	SDS Safety Data Sheet				STATUS	Controlled
	SDS No	SDS-57	REV	01	ECO	1329
	Last Review Date	09/15/15			Page 2 of 8	
	Product Name	Porcine Heparin / Celite Assay Tube				

Precautionary statements (CLP) :

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

P201 - Obtain special instructions before use

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

P260 - Do not breathe dust

P264 - Wash hands and other exposed areas thoroughly after handling

P280 - Wear eye protection, protective clothing, protective gloves

P302+P352 - IF ON SKIN: Wash with plenty of soap and water

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P314 - Get medical advice/attention if you feel unwell

P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification according to Directive 67/548/EEC
crystalite	(CAS No) 14464-46-1 (EC no) 238-455-4	< 30	Xn; R48/20
Silicon dioxide	(CAS No) 14808-60-7 (EC no) 238-878-4	< 30	Xn; R48/20
1H-imidazole	(CAS No) 288-32-4 (EC no) 206-019-2	< 5	Xn; R22 C; R34 Repr.Cat.3; R63

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
crystalite	(CAS No) 14464-46-1 (EC no) 238-455-4	< 30	STOT RE 2, H373
Silicon dioxide	(CAS No) 14808-60-7 (EC no) 238-878-4	< 30	STOT RE 2, H373
1H-imidazole	(CAS No) 288-32-4 (EC no) 206-019-2	< 5	Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Repr. 2, H361d

Full text of R- and H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. IF exposed or concerned: Get medical advice/attention.

First-aid measures after inhalation : Allow breathing of fresh air. Allow the victim to rest.

First-aid measures after skin contact : Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation occurs: Gently wash with plenty of soap and water. Get medical advice/attention.

First-aid measures after eye contact : 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.

First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

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

Symptoms/injuries : Suspected of damaging fertility or the unborn child. Causes damage to organs.

Symptoms/injuries after skin contact : Causes skin irritation.

Symptoms/injuries after eye contact : Causes serious eye damage.

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 : Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media : Do not use a heavy water stream.

	SDS Safety Data Sheet				STATUS	Controlled
	SDS No	SDS-57	REV	01	ECO	1329
	Last Review Date	09/15/15			Page 3 of 8	
	Product Name	Porcine Heparin / Celite Assay Tube				

5.2. Special hazards arising from the substance or mixture

No additional information available

5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if substance enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away from other materials.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing fume, Vapours.

Hygiene measures : Wash Skin thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep container closed when not in use. Keep only in the original container in a cool, well ventilated place away from : Direct sunlight, Heat and ignition sources.

Incompatible products : Strong bases. Strong acids.

Incompatible materials : Sources of ignition. Direct sunlight.


7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

cristobalite (14464-46-1)		
Austria	MAK (mg/m ³)	0,15 mg/m ³
Belgium	Limit value (mg/m ³)	0,05 mg/m ³
France	VME (mg/m ³)	0,05 mg/m ³
Italy - Portugal - USA ACGIH	ACGIH TWA (mg/m ³)	0,025 mg/m ³ (Silica-Crystalline Cristobalite; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value; Respirable fraction)
USA OSHA	Remark (OSHA)	(3) See Table Z-3.

	SDS Safety Data Sheet				STATUS	Controlled
	SDS No	SDS-57	REV	01	ECO	1329
	Last Review Date	09/15/15			Page 4 of 8	
	Product Name	Porcine Heparin / Celite Assay Tube				

cristobalite (14464-46-1)		
Spain	VLA-ED (mg/m ³)	0,05 mg/m ³ n (En trabajos de minería véase la Orden ITC 2585/2007, de 30 de agosto (BOE nº 315 de 7 de septiembre de 2007), por la que se aprueba la Instrucción Técnica Complementaria 2.0.02 del Reglamento General de Normas Básicas de Seguridad Minera.), d (Véase UNE EN 481: Atmósferas en los puestos de trabajo. Definición de las fracciones por el tamaño de las partículas para la medición de aerosoles.), y (Reclasificado, por la International Agency for Research on Cancer (IARC) de grupo 2A (probablemente carcinogénico en humanos) a grupo 1 (carcinogénico en humanos).)
Switzerland	VME (mg/m ³)	0,15 mg/m ³
Netherlands	Grenswaarde TGG 8H (mg/m ³)	0,075 mg/m ³
United Kingdom	WEL TWA (mg/m ³)	0,1 mg/m ³ Silica, respirable crystalline; United Kingdom; Time-weighted average exposure limit 8 h; Workplace exposure limit (EH40/2005)
Finland	HTP-arvo (8h) (mg/m ³)	0,05 mg/m ³
Ireland	OEL (8 hours ref) (mg/m ³)	0,1 mg/m ³
Lithuania	IPRV (mg/m ³)	0,05 mg/m ³
Sweden	nivågränsvärde (NVG) (mg/m ³)	0,05 mg/m ³


Silicon dioxide (14808-60-7)		
Austria	MAK (mg/m ³)	0,15 mg/m ³
Belgium	Limit value (mg/m ³)	0,1 mg/m ³
France	VME (mg/m ³)	0,1 mg/m ³
Italy - Portugal - USA ACGIH	ACGIH TWA (mg/m ³)	0,025 mg/m ³ (Silica-Crystalline Quartz; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value; Respirable fraction)
USA OSHA	Remark (OSHA)	(3) See Table Z-3.
Spain	VLA-ED (mg/m ³)	0,05 mg/m ³ d (Véase UNE EN 481: Atmósferas en los puestos de trabajo. Definición de las fracciones por el tamaño de las partículas para la medición de aerosoles.), y (Reclasificado, por la International Agency for Research on Cancer (IARC) de grupo 2A (probablemente carcinogénico en humanos) a grupo 1 (carcinogénico en humanos).), n (En trabajos de minería véase la Orden ITC 2585/2007, de 30 de agosto (BOE nº 315 de 7 de septiembre de 2007), por la que se aprueba la Instrucción Técnica Complementaria 2.0.02 del Reglamento General de Normas Básicas de Seguridad Minera.)
Switzerland	VME (mg/m ³)	0,15 mg/m ³
Netherlands	Grenswaarde TGG 8H (mg/m ³)	0,075 mg/m ³
United Kingdom	WEL TWA (mg/m ³)	0,1 mg/m ³ Silica, respirable crystalline; United Kingdom; Time-weighted average exposure limit 8 h; Workplace exposure limit (EH40/2005)
Finland	HTP-arvo (8h) (mg/m ³)	0,05 mg/m ³
Ireland	OEL (8 hours ref) (mg/m ³)	0,1 mg/m ³
Lithuania	IPRV (mg/m ³)	0,1 mg/m ³
Sweden	nivågränsvärde (NVG) (mg/m ³)	0,1 mg/m ³
Portugal	OEL TWA (mg/m ³)	0,025 mg/m ³

8.2. Exposure controls

Appropriate engineering controls : Provide adequate general and local exhaust ventilation.
 Personal protective equipment : Protective clothing. Protective goggles. Gloves.



Hand protection : Wear protective gloves.

	SDS Safety Data Sheet				STATUS	Controlled
	SDS No	SDS-57	REV	01	ECO	1329
	Last Review Date	09/15/15			Page 5 of 8	
	Product Name	Porcine Heparin / Celite Assay Tube				

Eye protection : Chemical goggles or safety glasses.
Skin and body protection : Wear suitable protective clothing.
Respiratory protection : Where exposure through inhalation may occur from use, respiratory protection equipment is recommended.
Other information : Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Solid
Appearance : Solid.
Colour : Colourless.
Odour : odourless.
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
Auto-ignition temperature : No data available
Decomposition temperature : No data available
Flammability (solid, gas) : Non flammable
Vapour pressure : No data available
Relative vapour density at 20 °C : No data available
Relative density : No data available
Solubility : Soluble in water.
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 additional information available

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Strong bases.


10.6. Hazardous decomposition products

Fume. Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

	SDS Safety Data Sheet				STATUS	Controlled
	SDS No	SDS-57	REV	01	ECO	1329
	Last Review Date	09/15/15			Page 6 of 8	
	Product Name	Porcine Heparin / Celite Assay Tube				

1H-imidazole (288-32-4)	
LD50 oral rat	970 mg/kg (Rat)
ATE CLP (oral)	970,000 mg/kg bodyweight
Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Causes serious eye damage.
Respiratory or skin sensitisation	: Not classified Based on available data, the classification criteria are not met
Germ cell mutagenicity	: Not classified Based on available data, the classification criteria are not met
Carcinogenicity	: Not classified Based on available data, the classification criteria are not met
Reproductive toxicity	: Suspected of damaging fertility or the unborn child.
Specific target organ toxicity (single exposure)	: Not classified Based on available data, the classification criteria are not met
Specific target organ toxicity (repeated exposure)	: May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard	: Not classified Based on available data, the classification criteria are not met
Potential adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

12.1. Toxicity


1H-imidazole (288-32-4)	
EC50 Daphnia 1	341,5 mg/l (EC50; 48 h)
Threshold limit algae 2	130 mg/l (EC50; 72 h)

12.2. Persistence and degradability

Porcine Heparin / Celite Assay Tube	
Persistence and degradability	Not established.
1H-imidazole (288-32-4)	
Persistence and degradability	Readily biodegradable in water.
crystalite (14464-46-1)	
Persistence and degradability	Biodegradability: Not applicable. No (test)data available on mobility of the substance.
Biochemical oxygen demand (BOD)	Not applicable
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
Silicon dioxide (14808-60-7)	
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
Biodegradation	Not applicable

12.3. Bioaccumulative potential

Porcine Heparin / Celite Assay Tube	
Bioaccumulative potential	Not established.
1H-imidazole (288-32-4)	
BCF fish 1	1 (BCF)
Log Pow	-0,02
Bioaccumulative potential	Bioaccumulation: Not applicable.
crystalite (14464-46-1)	
Bioaccumulative potential	No test data available.

	SDS Safety Data Sheet				STATUS	Controlled
	SDS No	SDS-57	REV	01	ECO	1329
	Last Review Date	09/15/15			Page 7 of 8	
	Product Name	Porcine Heparin / Celite Assay Tube				

Silicon dioxide (14808-60-7)

Bioaccumulative potential : Not established.

12.4. Mobility in soil

Silicon dioxide (14808-60-7)

Ecology - soil : Not applicable.

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

Other information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to a licensed waste centre in accordance with local/regional/national/international regulations.

Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

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

14.1. UN number

Not dangerous goods in terms of transport regulations

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class(es)

Not applicable

14.4. Packing group

Not applicable

14.5. Environmental hazards

Other information : No supplementary information available.

14.6. Special precautions for user

14.6.1. Overland transport

No additional information available

14.6.2. Transport by sea

No additional information available

14.6.3. Air transport

No additional information available

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:

3.b. Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10	Porcine Heparin / Celite Assay Tube - 1H-imidazole - cristobalite - Silicon dioxide
--	---


Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

15.1.2. National regulations

Water hazard class (WGK) : 3 - severe hazard to waters

WGK remark : Classification water polluting based on the components in compliance with Verwaltungsvorschrift wassergefährdender Stoffe (VwVwS) of 27 July 2005 (Anhang 4)

	SDS Safety Data Sheet				STATUS	Controlled
	SDS No	SDS-57	REV	01	ECO	1329
	Last Review Date	09/15/15			Page 8 of 8	
	Product Name	Porcine Heparin / Celite Assay Tube				

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Other information : None.

Full text of R-, H- and EUH-statements:

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Repr. 2	Reproductive toxicity, Category 2
Repr. 2	Reproductive toxicity, Category 2
Skin Corr. 1B	Skin corrosion/irritation, Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT RE 2	Specific target organ toxicity — Repeated exposure, Category 2
H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H318	Causes serious eye damage
H361	Suspected of damaging fertility or the unborn child
H361d	Suspected of damaging the unborn child
H373	May cause damage to organs through prolonged or repeated exposure
R22	Harmful if swallowed
R34	Causes burns
R48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation
R63	Possible risk of harm to the unborn child
C	Corrosive
Xn	Harmful

SDS EU_NSC

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.