	<b>SDS Safety Data Sheet</b>				<b>STATUS</b>	<b>Controlled</b>
	<b>SDS No</b>	SDS-69	<b>REV</b>	01	<b>ECO</b>	1329
	<b>Last Review Date</b>	09/15/15			Page 1 of 12	
	<b>Product Name</b>	Control – Levels 1 & 2				

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

### 1.1. Product identifier

Product form : Mixture  
 Name : Controls  
 Product code : QCACT (L-1), QCACT (L-2)

### 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](mailto: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)	<a href="http://www.npis.org">http://www.npis.org</a>	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]

Acute Tox. 4 (Oral) H302  
 Acute Tox. 4 (Dermal) H312  
 Skin Corr. 1B H314  
 Muta. 2 H341  
 STOT SE 3 H335  
 Aquatic Chronic 3 H412

Full text of H-statements: see section 16

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

Muta.Cat.3; R68  
 Xn; R20/21/22  
 C; R34  
 Xi; R37

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) :



	<b>SDS Safety Data Sheet</b>				<b>STATUS</b>	<b>Controlled</b>
	<b>SDS No</b>	SDS-69	<b>REV</b>	01	<b>ECO</b>	1329
	<b>Last Review Date</b>	09/15/15			Page 2 of 12	
	<b>Product Name</b>	Control – Levels 1 & 2				

Signal word (CLP) : Danger

Hazardous ingredients : phenol, solid, benzamidine, hydrochloride, hydrate

Hazard statements (CLP) : H302+H312 - Harmful if swallowed or in contact with skin  
H314 - Causes severe skin burns and eye damage  
H335 - May cause respiratory irritation  
H341 - Suspected of causing genetic defects  
H412 - Harmful to aquatic life with long lasting effects

Precautionary statements (CLP) : P202 - Do not handle until all safety precautions have been read and understood  
P260 - Do not breathe dust  
P270 - Do not eat, drink or smoke when using this product  
P273 - Avoid release to the environment  
P301+P312 - IF SWALLOWED: Call a POISON CENTER if you feel unwell  
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  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P308+P313 - IF exposed or concerned: Get medical advice/attention  
P362+P364 - Take off contaminated clothing and wash it before reuse  
P264 - Wash hands thoroughly after handling  
P280 - Wear eye protection, protective clothing, protective gloves  
P501 - Dispose of contents/container to a licensed waste centre in accordance with local/regional/national/international regulations

### 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
calcium chloride	(CAS No) 10043-52-4 (EC no) 233-140-8 (EC index no) 017-013-00-2	< 30	Xi; R36
sodium chloride substance with national workplace exposure limit(s) (LT, LV)	(CAS No) 7647-14-5 (EC no) 231-598-3	< 30	Not classified
benzamidine, hydrochloride, hydrate	(CAS No) 206752-36-5 (EC no) 216-795-4	< 30	Xi; R36/37/38
phenol, solid	(CAS No) 108-95-2 (EC no) 203-632-7 (EC index no) 604-001-00-2	5 - 15	Muta.Cat.3; R68 T; R23/24/25 Xn; R48/20/21/22 C; R34
Name	Product identifier	Specific concentration limits	
phenol, solid	(CAS No) 108-95-2 (EC no) 203-632-7 (EC index no) 604-001-00-2	(1 =< C < 3) Xi;R36/38 (C >= 3) C;R34 (3 =< C < 10) Xn;R20/21/22 (C >= 10) T;R23/24/25	
Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
calcium chloride	(CAS No) 10043-52-4 (EC no) 233-140-8 (EC index no) 017-013-00-2	< 30	Eye Irrit. 2, H319
sodium chloride substance with national workplace exposure limit(s) (LT, LV)	(CAS No) 7647-14-5 (EC no) 231-598-3	< 30	Not classified
benzamidine, hydrochloride, hydrate	(CAS No) 206752-36-5 (EC no) 216-795-4	< 30	Eye Irrit. 2, H319 STOT SE 3, H335 Skin Irrit. 2, H315
phenol, solid	(CAS No) 108-95-2 (EC no) 203-632-7 (EC index no) 604-001-00-2	5 - 15	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation), H331 Skin Corr. 1B, H314 Muta. 2, H341 STOT RE 2, H373 Aquatic Chronic 2, H411

	<b>SDS Safety Data Sheet</b>				<b>STATUS</b>	<b>Controlled</b>
	<b>SDS No</b>	SDS-69	<b>REV</b>	01	<b>ECO</b>	1329
	<b>Last Review Date</b>	09/15/15			Page 3 of 12	
	<b>Product Name</b>	Control – Levels 1 & 2				

Name	Product identifier	Specific concentration limits
phenol, solid	(CAS No) 108-95-2 (EC no) 203-632-7 (EC index no) 604-001-00-2	(1 =< C < 3) Eye Irrit. 2, H319 (1 =< C < 3) Skin Irrit. 2, H315 (C >= 3) Skin Corr. 1B, H314

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 you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician. Call a POISON CENTER or doctor/physician if you feel unwell.
First-aid measures after skin contact	: Immediately call a POISON CENTER or doctor/physician. Specific measures (see instructions on this label). Wash with plenty of soap and water. Wash contaminated clothing before reuse. Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
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. Call a POISON CENTER or doctor/physician if you feel unwell. Immediately call a POISON CENTER or doctor/physician.

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

Symptoms/injuries	: Causes severe skin burns and eye damage. Suspected of causing genetic defects.
Symptoms/injuries after inhalation	: May cause respiratory irritation.
Symptoms/injuries after skin contact	: Repeated exposure to this material can result in absorption through skin causing significant health hazard. Harmful in contact with skin.
Symptoms/injuries after ingestion	: Swallowing a small quantity of this material will result in serious health hazard.

### 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.

### 5.2. Special hazards arising from the substance or mixture

Reactivity	: Thermal decomposition generates : Corrosive vapours.
------------	--

### 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. Avoid release to the environment.

### 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.

	<b>SDS Safety Data Sheet</b>				<b>STATUS</b>	<b>Controlled</b>
	<b>SDS No</b>	SDS-69	<b>REV</b>	01	<b>ECO</b>	1329
	<b>Last Review Date</b>	09/15/15			Page 4 of 12	
	<b>Product Name</b>	Control – Levels 1 & 2				

## 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. Do not breathe dust. Obtain special instructions before use. Use personal protective equipment as required. Do not handle until all safety precautions have been read and understood. Use only outdoors or in a well-ventilated area. Avoid breathing fume, Vapours.
- Hygiene measures : Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse. Wash Skin thoroughly after handling.

### 7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Comply with applicable regulations.
- Storage conditions : Keep container tightly closed. 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


sodium chloride (7647-14-5)		
Latvia	OEL TWA (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
Lithuania	IPRV (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
phenol, solid (108-95-2)		
EU	IOELV TWA (mg/m <sup>3</sup> )	8 mg/m <sup>3</sup> (Phenol; EU; Time-weighted average exposure limit 8 h; Indicative occupational exposure limit value)
EU	IOELV TWA (ppm)	2 ppm (Phenol; EU; Time-weighted average exposure limit 8 h; Indicative occupational exposure limit value)
EU	IOELV STEL (mg/m <sup>3</sup> )	16 mg/m <sup>3</sup> (Phenol; EU; Short time value; Indicative occupational exposure limit value)
EU	IOELV STEL (ppm)	4 ppm (Phenol; EU; Short time value; Indicative occupational exposure limit value)
Austria	MAK (mg/m <sup>3</sup> )	8 mg/m <sup>3</sup>
Austria	MAK (ppm)	2 ppm
Austria	MAK Short time value (mg/m <sup>3</sup> )	16 mg/m <sup>3</sup>
Austria	MAK Short time value (ppm)	4 ppm
Austria	Remark (AT)	H
Belgium	Limit value (mg/m <sup>3</sup> )	8 mg/m <sup>3</sup>
Belgium	Limit value (ppm)	2 ppm
Belgium	Short time value (mg/m <sup>3</sup> )	16 mg/m <sup>3</sup>
Belgium	Short time value (ppm)	4 ppm
Belgium	Remark (BE)	D
Bulgaria	OEL TWA (mg/m <sup>3</sup> )	7,8 mg/m <sup>3</sup>
France	VLE (mg/m <sup>3</sup> )	15,6 mg/m <sup>3</sup>
France	VLE (ppm)	4 ppm
France	VME (mg/m <sup>3</sup> )	7,8 mg/m <sup>3</sup>
France	VME (ppm)	2 ppm
Germany	TRGS 900 Occupational exposure limit value (mg/m <sup>3</sup> )	8 mg/m <sup>3</sup>
Germany	TRGS 900 Occupational exposure limit value (ppm)	2 ppm
Germany	Remark (TRGS 900)	EU,H
Greece	OEL TWA (mg/m <sup>3</sup> )	19 mg/m <sup>3</sup>
Greece	OEL TWA (ppm)	5 ppm
Greece	OEL STEL (mg/m <sup>3</sup> )	38 mg/m <sup>3</sup>
Greece	OEL STEL (ppm)	10 ppm
Italy - Portugal - USA ACGIH	ACGIH TWA (ppm)	5 ppm
Italy - Portugal - USA ACGIH	Remark (ACGIH)	URT irr; lung dam; CNS impair

	<b>SDS Safety Data Sheet</b>				<b>STATUS</b>	<b>Controlled</b>
	<b>SDS No</b>	SDS-69	<b>REV</b>	01	<b>ECO</b>	1329
	<b>Last Review Date</b>	09/15/15			Page 5 of 12	
	<b>Product Name</b>	Control – Levels 1 & 2				

phenol, solid (108-95-2)		
Italy	OEL TWA (mg/m <sup>3</sup> )	7,8 mg/m <sup>3</sup>
Italy	OEL TWA (ppm)	2 ppm
Latvia	OEL TWA (mg/m <sup>3</sup> )	8 mg/m <sup>3</sup>
Latvia	OEL TWA (ppm)	2 ppm
USA OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	19 mg/m <sup>3</sup>
USA OSHA	OSHA PEL (TWA) (ppm)	5 ppm
Spain	VLA-ED (mg/m <sup>3</sup> )	8 mg/m <sup>3</sup> Vía dérmica (Indica que, en las exposiciones a esta sustancia, la aportación por la vía cutánea puede resultar significativa para el contenido corporal total si no se adoptan medidas para prevenir la absorción. En estas situaciones, es aconsejable la utilización del control biológico para poder cuantificar la cantidad global absorbida del contaminante. Para más información véase el Apartado 5 de este documento.), VLB (Agente químico que tiene Valor Límite Biológico específico en este documento.) , VLI (Agente químico para el que la U.E. estableció en su día un valor límite indicativo. Todos estos agentes químicos figuran al menos en una de las directivas de valores límite indicativos publicadas hasta ahora (ver Anexo C. Bibliografía). Los estados miembros disponen de un tiempo fijado en dichas directivas para su transposición a los valores límites de cada país miembro. Una vez adoptados, estos valores tienen la misma validez que el resto de los valores adoptados por el país.)
Spain	VLA-ED (ppm)	2 ppm Vía dérmica (Indica que, en las exposiciones a esta sustancia, la aportación por la vía cutánea puede resultar significativa para el contenido corporal total si no se adoptan medidas para prevenir la absorción. En estas situaciones, es aconsejable la utilización del control biológico para poder cuantificar la cantidad global absorbida del contaminante. Para más información véase el Apartado 5 de este documento.), VLB (Agente químico que tiene Valor Límite Biológico específico en este documento.) , VLI (Agente químico para el que la U.E. estableció en su día un valor límite indicativo. Todos estos agentes químicos figuran al menos en una de las directivas de valores límite indicativos publicadas hasta ahora (ver Anexo C. Bibliografía). Los estados miembros disponen de un tiempo fijado en dichas directivas para su transposición a los valores límites de cada país miembro. Una vez adoptados, estos valores tienen la misma validez que el resto de los valores adoptados por el país.)
Spain	VLA-EC (mg/m <sup>3</sup> )	16 mg/m <sup>3</sup> Vía dérmica (Indica que, en las exposiciones a esta sustancia, la aportación por la vía cutánea puede resultar significativa para el contenido corporal total si no se adoptan medidas para prevenir la absorción. En estas situaciones, es aconsejable la utilización del control biológico para poder cuantificar la cantidad global absorbida del contaminante. Para más información véase el Apartado 5 de este documento.), VLB (Agente químico que tiene Valor Límite Biológico específico en este documento.) , VLI (Agente químico para el que la U.E. estableció en su día un valor límite indicativo. Todos estos agentes químicos figuran al menos en una de las directivas de valores límite indicativos publicadas hasta ahora (ver Anexo C. Bibliografía). Los estados miembros disponen de un tiempo fijado en dichas directivas para su transposición a los valores límites de cada país miembro. Una vez adoptados, estos valores tienen la misma validez que el resto de los valores adoptados por el país.)

	<b>SDS Safety Data Sheet</b>				<b>STATUS</b>	<b>Controlled</b>
	<b>SDS No</b>	SDS-69	<b>REV</b>	01	<b>ECO</b>	1329
	<b>Last Review Date</b>	09/15/15			Page 6 of 12	
	<b>Product Name</b>	Control – Levels 1 & 2				

phenol, solid (108-95-2)		
Spain	VLA-EC (ppm)	4 ppm Vía dérmica (Indica que, en las exposiciones a esta sustancia, la aportación por la vía cutánea puede resultar significativa para el contenido corporal total si no se adoptan medidas para prevenir la absorción. En estas situaciones, es aconsejable la utilización del control biológico para poder cuantificar la cantidad global absorbida del contaminante. Para más información véase el Apartado 5 de este documento.), VLB (Agente químico que tiene Valor Límite Biológico específico en este documento.) , VLI (Agente químico para el que la U.E. estableció en su día un valor límite indicativo. Todos estos agentes químicos figuran al menos en una de las directivas de valores límite indicativos publicadas hasta ahora (ver Anexo C. Bibliografía). Los estados miembros disponen de un tiempo fijado en dichas directivas para su trasposición a los valores límites de cada país miembro. Una vez adoptados, estos valores tienen la misma validez que el resto de los valores adoptados por el país.)
Switzerland	VLE (mg/m³)	19 mg/m³
Switzerland	VLE (ppm)	5 ppm
Switzerland	VME (mg/m³)	19 mg/m³
Switzerland	VME (ppm)	5 ppm
Switzerland	Remark (CH)	15 min
Netherlands	Grenswaarde TGG 8H (mg/m³)	8 mg/m³
Netherlands	Grenswaarde TGG 8H (ppm)	2 ppm (Fenol; Netherlands; Time-weighted average exposure limit 8 h; Public occupational exposure limit value)
Netherlands	Remark (MAC)	H
United Kingdom	WEL TWA (mg/m³)	7,8 mg/m³
United Kingdom	WEL TWA (ppm)	2 ppm
United Kingdom	WEL STEL (mg/m³)	16 mg/m³
United Kingdom	WEL STEL (ppm)	4 ppm
United Kingdom	Remark (WEL)	Sk
Czech Republic	Expoziční limity (PEL) (mg/m³)	7,5 mg/m³
Czech Republic	Expoziční limity (PEL) (ppm)	2 ppm
Czech Republic	Expoziční limity (NPK-P) (mg/m³)	15 mg/m³
Czech Republic	Expoziční limity (NPK-P) (ppm)	4 ppm
Czech Republic	Remark (CZ)	D
Denmark	Grænseværdie (langvarig) (mg/m³)	4 mg/m³
Denmark	Grænseværdie (langvarig) (ppm)	1 ppm
Denmark	Anmærkninger (DK)	EH
Finland	HTP-arvo (8h) (mg/m³)	8 mg/m³
Finland	HTP-arvo (8h) (ppm)	2 ppm
Finland	HTP-arvo (15 min)	16 mg/m³
Finland	HTP-arvo (15 min) (ppm)	4 ppm
Hungary	AK-érték	8 mg/m³
Hungary	CK-érték	16 mg/m³
Hungary	Megjegyzések (HU)	b, m; l.
Ireland	OEL (8 hours ref) (mg/m³)	8 mg/m³
Ireland	OEL (8 hours ref) (ppm)	2 ppm
Ireland	OEL (15 min ref) (mg/m³)	16 mg/m³
Ireland	OEL (15 min ref) (ppm)	4 ppm
Ireland	Notes (IE)	Sk, IOELV
Lithuania	IPRV (mg/m³)	8 mg/m³

	<b>SDS Safety Data Sheet</b>				<b>STATUS</b>	<b>Controlled</b>
	<b>SDS No</b>	SDS-69	<b>REV</b>	01	<b>ECO</b>	1329
	<b>Last Review Date</b>	09/15/15			Page 7 of 12	
	<b>Product Name</b>	Control – Levels 1 & 2				

phenol, solid (108-95-2)		
Lithuania	IPRV (ppm)	2 ppm
Lithuania	TPRV (mg/m <sup>3</sup> )	16 mg/m <sup>3</sup>
Lithuania	TPRV (ppm)	4 ppm
Lithuania	Remark (LT)	O
Malta	OEL TWA (mg/m <sup>3</sup> )	7,8 mg/m <sup>3</sup>
Malta	OEL TWA (ppm)	2 ppm
Norway	Grenseverdier (AN) (mg/m <sup>3</sup> )	4 mg/m <sup>3</sup>
Norway	Grenseverdier (AN) (ppm)	1 ppm
Norway	Merknader (NO)	H
Poland	NDS (mg/m <sup>3</sup> )	7,8 mg/m <sup>3</sup>
Poland	NDSch (mg/m <sup>3</sup> )	16 mg/m <sup>3</sup>
Romania	OEL TWA (mg/m <sup>3</sup> )	7,8 mg/m <sup>3</sup>
Romania	OEL TWA (ppm)	2 ppm
Sweden	nivågränsvärde (NVG) (mg/m <sup>3</sup> )	4 mg/m <sup>3</sup>
Sweden	nivågränsvärde (NVG) (ppm)	1 ppm
Sweden	kortidsvärde (KTV) (mg/m <sup>3</sup> )	8 mg/m <sup>3</sup>
Sweden	kortidsvärde (KTV) (ppm)	2 ppm
Australia	TWA (mg/m <sup>3</sup> )	4 mg/m <sup>3</sup>
Australia	TWA (ppm)	1 ppm
Portugal	OEL TWA (ppm)	5 ppm

## 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.  
 Eye protection : Chemical goggles or face shield.  
 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 : Powder.  
 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

	<b>SDS Safety Data Sheet</b>				<b>STATUS</b>	<b>Controlled</b>
	<b>SDS No</b>	SDS-69	<b>REV</b>	01	<b>ECO</b>	1329
	<b>Last Review Date</b>	09/15/15			Page 8 of 12	
	<b>Product Name</b>	Control – Levels 1 & 2				

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	: Product is not explosive.
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

Thermal decomposition generates : Corrosive vapours.

### 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. Thermal decomposition generates : Corrosive vapours.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects


Acute toxicity : Oral: Harmful if swallowed. Dermal: Harmful in contact with skin.

Controls	
ATE CLP (oral)	1250,000 mg/kg bodyweight
ATE CLP (dermal)	1100,000 mg/kg bodyweight
calcium chloride (10043-52-4)	
LD50 oral rat	2301 mg/kg bodyweight (Rat; OECD 401: Acute Oral Toxicity; Experimental value)
LD50 dermal rabbit	> 5000 mg/kg bodyweight (Rabbit; Experimental value; Other)
sodium chloride (7647-14-5)	
LD50 oral rat	3000 mg/kg (Rat; Experimental value; 3550 mg/kg bodyweight; Rat; Experimental value)
LD50 dermal rabbit	> 10000 mg/kg (Rabbit; Experimental value)
ATE CLP (oral)	3000,000 mg/kg bodyweight
phenol, solid (108-95-2)	
LD50 oral rat	650 mg/kg (Rat; OECD 401: Acute Oral Toxicity; Experimental value)
LD50 dermal rat	660 mg/kg (Rat; Experimental value; Equivalent or similar to OECD 402)
LD50 dermal rabbit	850 - 1400 mg/kg (Rabbit)
LC50 inhalation rat (mg/l)	0,32 mg/l/4h (Rat; Literature study)
ATE CLP (oral)	100,000 mg/kg bodyweight
ATE CLP (dermal)	660,000 mg/kg bodyweight
ATE CLP (gases)	700,000 ppmv/4h
ATE CLP (vapours)	0,320 mg/l/4h
ATE CLP (dust,mist)	0,320 mg/l/4h

Skin corrosion/irritation : Causes severe skin burns and eye damage.

Serious eye damage/irritation : Serious eye damage, category 1, implicit



	<b>SDS Safety Data Sheet</b>				<b>STATUS</b>	<b>Controlled</b>
	<b>SDS No</b>	SDS-69	<b>REV</b>	01	<b>ECO</b>	1329
	<b>Last Review Date</b>	09/15/15			Page 9 of 12	
	<b>Product Name</b>	Control – Levels 1 & 2				

Respiratory or skin sensitisation	: Not classified Based on available data, the classification criteria are not met
Germ cell mutagenicity	: Suspected of causing genetic defects.
Carcinogenicity	: Not classified Based on available data, the classification criteria are not met
Reproductive toxicity	: Not classified Based on available data, the classification criteria are not met
Specific target organ toxicity (single exposure)	: May cause respiratory irritation.
Specific target organ toxicity (repeated exposure)	: Not classified Based on available data, the classification criteria are not met
Aspiration hazard	: Not classified Based on available data, the classification criteria are not met
Potential adverse human health effects and symptoms	: Harmful if swallowed. Harmful in contact with skin.

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - water : Harmful to aquatic life with long lasting effects.


<b>calcium chloride (10043-52-4)</b>	
Threshold limit algae 2	27000 mg/l (EC50; OECD 201: Alga, Growth Inhibition Test; 72 h; Selenastrum capricornutum)
<b>sodium chloride (7647-14-5)</b>	
LC50 fish 2	5840 mg/l (LC50; ASTM; 96 h; Lepomis macrochirus; Flow-through system; Fresh water; Experimental value)
Threshold limit algae 2	2430 mg/l (EC50; OECD 201: Alga, Growth Inhibition Test; 120 h; Algae; Static system; Fresh water; Experimental value)
<b>phenol, solid (108-95-2)</b>	
LC50 other aquatic organisms 1	0,04 mg/l (4 days; Rana sp.; LC50)
EC50 Daphnia 2	6,6 mg/l (EC50; 48 h; Daphnia magna; Static system)

### 12.2. Persistence and degradability

<b>Controls</b>	
Persistence and degradability	May cause long-term adverse effects in the environment.
<b>calcium chloride (10043-52-4)</b>	
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
<b>sodium chloride (7647-14-5)</b>	
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
<b>phenol, solid (108-95-2)</b>	
Persistence and degradability	Readily biodegradable in water. Photolysis in water. Readily biodegradable in soil. Inhibition of biodegradation process in soil. Low potential for adsorption in soil. Photooxidation in the air.
Biochemical oxygen demand (BOD)	1,68 g O <sub>2</sub> /g substance
Chemical oxygen demand (COD)	2,28 g O <sub>2</sub> /g substance
ThOD	2,38 g O <sub>2</sub> /g substance
BOD (% of ThOD)	0,71
<b>benzamidine, hydrochloride, hydrate (206752-36-5)</b>	
Persistence and degradability	Biodegradability in water: no data available.

### 12.3. Bioaccumulative potential

<b>Controls</b>	
Bioaccumulative potential	Not established.

	<b>SDS Safety Data Sheet</b>				<b>STATUS</b>	<b>Controlled</b>
	<b>SDS No</b>	SDS-69	<b>REV</b>	01	<b>ECO</b>	1329
	<b>Last Review Date</b>	09/15/15			Page 10 of 12	
	<b>Product Name</b>	Control – Levels 1 & 2				

<b>calcium chloride (10043-52-4)</b>	
Bioaccumulative potential	Bioaccumulation: Not applicable.
<b>sodium chloride (7647-14-5)</b>	
Log Pow	-3,0 (Calculated)
Bioaccumulative potential	Low bioaccumulation potential (Log Kow < 4).
<b>phenol, solid (108-95-2)</b>	
Log Pow	1,47 (Experimental value; Equivalent or similar to OECD 117; 30 °C)
Bioaccumulative potential	Low bioaccumulation potential (BCF < 500).
<b>benzamidine, hydrochloride, hydrate (206752-36-5)</b>	
Bioaccumulative potential	Bioaccumulation: No data available.

#### 12.4. Mobility in soil

<b>phenol, solid (108-95-2)</b>	
Surface tension	0,0713 N/m (20 °C)

#### 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.  
Ecology - waste materials : Avoid release to the environment.

### SECTION 14: Transport information

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

#### 14.1. UN number

UN-No. (ADR) : 3262

#### 14.2. UN proper shipping name

Proper Shipping Name (ADR) : CORROSIVE SOLID, BASIC, INORGANIC, N.O.S.  
Transport document description (ADR) : UN 3262 CORROSIVE SOLID, BASIC, INORGANIC, N.O.S. (CONTAINS phenol, solid(108-95-2) ; benzamidine, hydrochloride, hydrate(206752-36-5)), 8, II, (E)

#### 14.3. Transport hazard class(es)

Class (ADR) : 8  
Danger labels (ADR) : 8



#### 14.4. Packing group

Packing group (ADR) : II

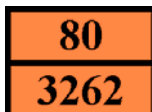
#### 14.5. Environmental hazards

Other information : No supplementary information available.


#### 14.6. Special precautions for user

##### 14.6.1. Overland transport

Hazard identification number (Kemler No.) : 80  
Classification code (ADR) : C6  
Orange plates :



Special provisions (ADR) : 274  
Transport category (ADR) : 2

	<b>SDS Safety Data Sheet</b>				<b>STATUS</b>	<b>Controlled</b>
	<b>SDS No</b>	SDS-69	<b>REV</b>	01	<b>ECO</b>	1329
	<b>Last Review Date</b>	09/15/15			Page 11 of 12	
	<b>Product Name</b>	Control – Levels 1 & 2				

Tunnel restriction code (ADR) : E  
 Limited quantities (ADR) : 1kg  
 Excepted quantities (ADR) : E2  
 EAC code : 2X

#### 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	Controls - calcium chloride - phenol, solid - benzamidine, hydrochloride, hydrate
3.c. 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 class 4.1	Controls - phenol, solid

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

#### 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. 3 (Dermal)	Acute toxicity (dermal), Category 3
Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Muta. 2	Germ cell mutagenicity, 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
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H301	Toxic if swallowed
H302	Harmful if swallowed
H311	Toxic in contact with skin
H312	Harmful in contact with skin
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H319	Causes serious eye irritation
H331	Toxic if inhaled
H335	May cause respiratory irritation

	<b>SDS Safety Data Sheet</b>				<b>STATUS</b>	<b>Controlled</b>
	<b>SDS No</b>	SDS-69	<b>REV</b>	01	<b>ECO</b>	1329
	<b>Last Review Date</b>	09/15/15			Page 12 of 12	
	<b>Product Name</b>	Control – Levels 1 & 2				

H341	Suspected of causing genetic defects
H373	May cause damage to organs through prolonged or repeated exposure
H411	Toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed
R23/24/25	Toxic by inhalation, in contact with skin and if swallowed
R34	Causes burns
R36	Irritating to eyes
R36/37/38	Irritating to eyes, respiratory system and skin
R37	Irritating to respiratory system
R48/20/21/22	Harmful: danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed
R68	Possible risk of irreversible effects
C	Corrosive
T	Toxic
Xi	Irritant
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.*