



SAFETY DATA SHEET

RLT BACTDET 05

Page: 1

Compilation date: 22/06/2015

Revision date: 01/11/2018

Revision No: 2

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

1.1. Product identifier

Product name: RLT BACTDET 05

Product code: 20021, 20025/6,20028

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

Company name: Mould Growth Consultants Ltd

Unit A3

Longmead Business Centre

Blenheim Road

Epsom

KT19 9QQ

United Kingdom

Tel: 01372 743334

Fax: 01372 720856

Email: info@mgcltd.co.uk

1.4. Emergency telephone number

Emergency tel: 01372 743334

(office hours only)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Aquatic Chronic 2: H411; Eye Irrit. 2: H319

Most important adverse effects: Causes serious eye irritation. Toxic to aquatic life with long lasting effects.

2.2. Label elements

Label elements:

Hazard statements: H319: Causes serious eye irritation.

H411: Toxic to aquatic life with long lasting effects.

Hazard pictograms: GHS07: Exclamation mark

GHS09: Environmental



Signal words: Warning

[cont...]

SAFETY DATA SHEET

RLT BACTDET 05

Page: 2

Precautionary statements: P264: Wash hands thoroughly after handling.
P273: Avoid release to the environment.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313: If eye irritation persists: Get medical advice/attention.
P391: Collect spillage.
P501: Dispose of contents/container to hazardous or special waste collection point.

2.3. Other hazards

Other hazards: Irritating to eyes. Irritating to skin.

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

QUATERNARY AMMONIUM COMPOUNDS, BENZYL (C12-C16) ALKYL DIMETHYL, CHLORIDES

EINECS	CAS	PBT / WEL	CLP Classification	Percent
270-325-2	68424-85-1	-	Met. Corr. 1: H290; Skin Corr. 1B: H314; Eye Dam. 1: H318; Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Acute Tox. 4: H302	<1%

BIPHENYL-2-OL

201-993-5	90-43-7	-	Eye Irrit. 2: H319; STOT SE 3: H335; Skin Irrit. 2: H315; Aquatic Acute 1: H400	<1%
-----------	---------	---	---	-----

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash the affected skin with plenty of soap and water and rinse for 10 minutes or longer if substance is on the skin. If skin irritation or rash occurs: Get medical advice/attention
Remove contaminated clothing and launder before re-use.

Eye contact: Irrigate immediately with plenty of water continue to rinse for at least 15 minutes. Obtain immediate medical attention. Product will cause irritation.

Ingestion: Wash out mouth with water. IF SWALLOWED: Immediately call a POISON CENTRE/Doctor. Do not induce vomiting.

Inhalation: If affected seek medical advice immediately

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

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: Severely irritating to eyes. Risk of serious damage to eyes

[cont...]

SAFETY DATA SHEET

RLT BACTDET 05

Page: 3

Ingestion: There may be soreness and redness of the mouth and throat. Harmful if swallowed

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

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

Immediate / special treatment: Eye bathing equipment should be available on the premises.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. Particular danger of slipping on leaked/spilled product Turn leaking containers leak-side up to prevent the escape of liquid. Wear impervious gloves, overalls and boots while clearing up the spillage.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Ensure there is sufficient ventilation of the area. Avoid contact with skin or eyes. Cover water storage tanks and foodstuff in vicinity.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store only in the original container. Store in a cool, well ventilated area. Avoid extremes of temperature Keep container tightly closed.

Suitable packaging: Must only be kept in original packaging.

[cont...]

SAFETY DATA SHEET

RLT BACTDET 05

Page: 4

7.3. Specific end use(s)

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area. Provide eyewash station

Respiratory protection: Not required if used in well ventilated conditions.

Hand protection: Impermeable gloves.

Eye protection: Tightly fitting safety goggles. Ensure eye bath is to hand.

Skin protection: Impermeable protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Colourless

Evaporation rate: No data available.

Oxidising: No data available.

Solubility in water: Miscible

Viscosity: No data available.

Flash point°C: >93

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: No data available.

10.2. Chemical stability

Chemical stability: No data available.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

10.4. Conditions to avoid

Conditions to avoid: Avoid frost. Avoid exposure to high temperature or direct sunlight.

[cont...]

SAFETY DATA SHEET

RLT BACTDET 05

Page: 5

10.5. Incompatible materials

Materials to avoid: Aluminium. Zinc.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits Hydrogen chloride, Carbon monoxide.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

BIPHENYL-2-OL

ORL	MUS	LD50	1050	mg/kg
ORL	RAT	LD50	2700	mg/kg

Relevant hazards for product:

Hazard	Route	Basis
Serious eye damage/irritation	OPT	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: Severely irritating to eyes. Risk of serious damage to eyes

Ingestion: There may be soreness and redness of the mouth and throat. Harmful if swallowed

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

QUATERNARY AMMONIUM COMPOUNDS, BENZYL (C12-C16) ALKYL DIMETHYL, CHLORIDES

DAPHNIA	48H EC50	0.016	mg/l
GREEN ALGA (Selenastrum capricornutum)	72h EC50	0.025	mg/l
RAINBOW TROUT (Oncorhynchus mykiss)	96H LC50	0.085	mg/l

12.2. Persistence and degradability

Persistence and degradability: No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil

Mobility: No data available.

[cont...]

SAFETY DATA SHEET

RLT BACTDET 05

Page: 6

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Toxic to aquatic organisms. Toxic to soil organisms.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Disposal of packaging: Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

14.1. UN number

UN number: UN3082

14.2. UN proper shipping name

Shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C8-18-ALCYLDIMETHYL,
CHLORIDES; ALCOHOL, C9-11, ETHOXYLATED (9EO))

14.3. Transport hazard class(es)

Transport class: 9

14.4. Packing group

Packing group: III

14.5. Environmental hazards

Environmentally hazardous: Yes

Marine pollutant: No

14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: E

Transport category: 3

Section 15: Regulatory information

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

Specific regulations: Not applicable.

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

[cont...]

SAFETY DATA SHEET

RLT BACTDET 05

Page: 7

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: H290: May be corrosive to metals.

H302: Harmful if swallowed.

H314: Causes severe skin burns and eye damage.

H315: Causes skin irritation.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H335: May cause respiratory irritation.

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects.

H411: Toxic to aquatic life with long lasting effects.

Legal 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. This company shall not be held liable for any damage resulting from handling or from contact with the above product.