

## MSDS Compilation – SLAMseq Kits

### Lexogen GmbH

Campus Vienna Biocenter 5, 1030 Vienna, Austria  
www.lexogen.com

This information is provided for purchasers of the **SLAMseq Kits**, represented by the following catalogue numbers: 059.24, 060.24, 061.24, 062.24

Tube	Reagent	MSDS
S4U	4-Thiouridine	No <sup>1)</sup>
RA	Reducing Agent	No <sup>1)</sup>
CS	Carrier Substance	No <sup>1)</sup>
NA	Sodium Acetate	No <sup>1)</sup>
DB	Digestion Buffer	No <sup>1)</sup>
DE	Digestion Enzyme Mix	No <sup>1)</sup>
H <sub>2</sub> O	RNase-free Water	No <sup>1)</sup>
US	Uridine Standard	No <sup>1)</sup>
S4US	4-Thiouridine Standard	No <sup>1)</sup>
IAA	Iodoacetamide	YES
OS	Organic Solvent	No <sup>1)</sup>
NP	Sodium Phosphate	No <sup>1)</sup>
SR	Stopping Reagent	YES
U	Uridine (500 mM)	No <sup>1)</sup>

Table 1: Overview of Lexogen MSDS for SLAMseq Kits

1) Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008. Not a hazardous substance or preparation according to EC directives 67/548/EEC or 1999/45/EC.

## Material Safety Data Sheet

according to Regulation (EC) No. 1907/2006

Version 1.0, revised 2017-09-15

Date of print 2017-10-25

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

#### 1.1 Product Identifier:

Product Name	Stopping Reagent (SR)
Product Number	N/A
Kit name	SLAMseq Kit
Kit number	061.24, 062.24
Brand	Lexogen
REACH No.	A registration number is not available for this substance as the substance or its uses are exempted from registration, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline.

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

Relevant identified uses	Laboratory chemicals, FOR RESEARCH USE ONLY
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#### 1.3 Details of the supplier of the Safety Data Sheet

Company	Lexogen GmbH Campus Vienna Biocenter 5 1030 Vienna Austria
Telephone	+43 1 345 1212
Fax	+43 1 345 1212-99
Email Address	<a href="mailto:support@lexogen.com">support@lexogen.com</a>

#### 1.4 Emergency telephone number

Emergency Telephone	+43 1 406 43 43
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### SECTION 2. Hazards identification

#### 2.1 Classification of the substance or mixture

##### Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]

Skin irritation (Category 2), H315

Eye irritation (Category 2), H319

For the full text of the H-Statements mentioned in this Section, see Section 16.

Not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC.

#### 2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

Pictogram :



Signal word

Warning

Hazard statement(s)

H315 Causes skin irritation.

H319 Causes serious eye irritation.

Precautionary statement(s)

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

Supplemental Hazard Statements none

According to European Directive 67/548/EEC as amended.

Hazard symbol(s) none

R-phrase(s) none

S-phrase(s) none

Safety data sheet available for professional user on request.

### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

## SECTION 3. Composition/information on ingredients

### 3.2 Mixtures

Synonyms: DL-Dithiothreitol solution  
DTT  
(±)-threo-1,4-Dimercapto-2,3-butanediolsolution

#### Hazardous ingredients according to Regulation (EC) No 1272/2008

Component	Classification	Concentration
<b>(R*,R*)-1,4-Dimercaptobutane-2,3-diol</b>		
CAS-No.: 3483-12-3 EC-No.: 222-468-7	Acute Tox. 4; Skin Irrit. 2; Eye Irrit. 2; STOT SE 3; H302, H315, H319, H335	10-20%

#### Hazardous ingredients according to Directive 1999/45/EC

Component	Classification	Concentration
<b>(R*,R*)-1,4-Dimercaptobutane-2,3-diol</b>		
CAS-No.: 3483-12-3 EC-No.: 222-468-7	Xn, R22 - R36/37/38	10-20 %

For the full text of the H-Statements and R-Phrases mentioned in this Section, see Section 16

## SECTION 4. First aid measures

### 4.1 Description of first aid measures

#### General Advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

#### 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**

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

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

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or section 11.

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

No data available.

**SECTION 5. Firefighting measures****5.1 Extinguishing media****Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**5.2 Special hazards arising from the substance or mixture**

Carbon oxides, Sulphur oxides, Hydrogen sulfide gas

**5.3 Advice for fire-fighters**

Wear self-contained breathing apparatus for fire-fighting if necessary.

**5.4 Further information**

No data available.

**SECTION 6. Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. For personal protection see section 8.

**6.2 Environmental precautions**

Do not let product enter drains.

**6.3 Methods and material for containment and cleaning up**

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

**6.4 Reference to other sections**

For disposal see section 13.

**SECTION 7. Handling and storage****7.1 Precautions for safe handling**

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. For precautions see section 2.2.

**7.2 Conditions for safe storage, including any incompatibilities**

Store in a cool place. Keep container tightly closed in a dry and well-ventilated place. Recommended storage temperature 2-8°C. Air sensitive. Store under inert gas. Storage class (TRGS 510): Non Combustible Liquids

**7.3 Specific end use(s)**

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

## **SECTION 8. Exposure controls/personal protection**

### **8.1 Control parameters**

#### **Components with workplace control parameters**

### **8.2 Exposure controls**

#### **Appropriate engineering controls**

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

#### **Personal protective equipment**

##### **Eye/face protection**

Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

##### **Skin 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. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

##### **Full contact**

Material: Nitrile rubber

Minimum layer thickness: 0,11 mm

Break through time: 480 min

Material tested: Dermatril® (KCL 740 / Aldrich Z677272, Size M)

##### **Splash contact**

Material: Nitrile rubber

Minimum layer thickness: 0,11 mm

Break through time: 480 min

Material tested: Dermatril® (KCL 740 / Aldrich Z677272, Size M)

data source: KCL GmbH, D-36124 Eichenzell, phone +49 (0)6659 87300, e-mail sales@kcl.de, test method: EN374

If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

##### **Body Protection**

impervious clothing, 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 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).

##### **Control of environmental exposure**

Do not let product enter drains.

## **SECTION 9. Physical and chemical properties**

### **9.1 Information on basic physical and chemical properties**

Appearance	Form: liquid, clear Colour: colourless
Odour	unpleasant
Odour threshold	No data available
pH	3-5
Melting/freezing point	No data available
Initial boiling point and boiling range	No data available
Flash point	No data available
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Upper/lower flammability or explosive limits	No data available
Vapour pressure	No data available
Vapour density	No data available
Relative density	1,04 g/mL at 20°C
Solubility(ies)	No data available
Partition coefficient: n-octanol/water	No data available
Autoignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidizing properties	No data available

### **9.2 Other information**

No data available.

## **SECTION 10. Stability and reactivity**

### **10.1 Reactivity**

No data available.

### **10.2 Chemical stability**

No data available.

### **10.3 Possibility of hazardous reactions**

No data available.

### **10.4 Conditions to avoid**

No data available.

### **10.5 Incompatible materials**

Bases, Oxidizing agents, Reducing agents, Alkali metals.

### **10.6 Hazardous decomposition products**

No data available.

In the event of fire: see section 5

## **SECTION 11. Toxicological information**

### **11.1 Information on toxicological effects**

#### **Acute toxicity**

No data available

#### **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.

**Reproductive toxicity**

No data available

**Specific target organ toxicity - single exposure**

No data available

**Specific target organ toxicity - repeated exposure**

No data available

**Aspiration hazard**

No data available

**Additional Information**

RTECS: Not available

Liver - Irregularities - Based on Human Evidence ((R\*,R\*)-1,4-Dimercaptobutane-2,3-diol)

**SECTION 12. Ecological information**

**12.1 Toxicity**

No data available

**12.2 Persistence and degradability**

No data available

**12.3 Bioaccumulative potential**

No data available.

**12.4 Mobility in soil**

No data available.

**12.5 Results of PBT and vPvB assessment**

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

**12.6 Other adverse effects**

No data available.

**SECTION 13. Disposal considerations**

**13.1 Waste treatment methods**

**Product**

Offer surplus and non-recyclable solutions to a licensed disposal company.

**Contaminated packaging**

Dispose of as unused products.

**SECTION 14. Transport information**

**14.1 UN-Number**

ADR/RID: -

IMDG: -

IATA: -

**14.2 UN proper shipping name**

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods





# Material Safety Data Sheet

according to Regulation (EC) No. 1907/2006

Version 1.0, revised 2017-09-15

Date of print 2017-10-25

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

### 1.1 Product Identifier:

Product Name	Iodoacetamide (IAA)
Product Number	N/A
Kit name	SLAMseq Kit
Kit number	061.24, 062.24
Brand	Lexogen
REACH No.	A registration number is not available for this substance as the substance or its uses are exempted from registration, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline.
CAS-No.	144-48-9

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

Relevant identified uses Laboratory chemicals, FOR RESEARCH USE ONLY

### 1.3 Details of the supplier of the Safety Data Sheet

Company	Lexogen GmbH Campus Vienna Biocenter 5 1030 Vienna Austria
Telephone	+43 1 345 1212
Fax	+43 1 345 1212-99
Email Address	<a href="mailto:support@lexogen.com">support@lexogen.com</a>

### 1.4 Emergency telephone number

Emergency Telephone +43 1 406 43 43

## SECTION 2. Hazards identification

### 2.1 Classification of the substance or mixture

#### Classification according to Regulation (EC) No 1272/2008

Acute toxicity, Oral (Category 3), H301

Respiratory sensitisation (Category 1), H334

Skin sensitisation (Category 1), H317

For the full text of the H-Statements mentioned in this Section, see Section 16.

### 2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

Pictogram :



Signal word

Danger

Hazard statement(s)

H301 Toxic if swallowed.

H317 May cause an allergic skin reaction.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Precautionary statement(s)

P261 Avoid breathing dust.  
P280 Wear protective gloves.  
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician.  
P342 + P311 If experiencing respiratory symptoms: Call a POISON CENTER or doctor/ physician.

Supplemental Hazard Statements none

### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

## SECTION 3. Composition/information on ingredients

### 3.1 Substances

Formula :  $C_2H_4INO$   
Molecular weight : 184,96 g/mol

#### Hazardous ingredients according to Regulation (EC) No 1272/2008

Component	Classification	Concentration
<b>2-Iodoacetamide</b>		
CAS-No.: 144-48-9 EC-No.: 205-630-1	Acute Tox. 3; Resp. Sens. 1; Skin Sens. 1; H301, H317, H334	100%

#### Hazardous ingredients according to Directive 1999/45/EC

Component	Classification	Concentration
<b>2-Iodoacetamide</b>		
CAS-No.: 144-48-9 EC-No.: 205-630-1	T, R25 - R42/43 - R53	100%

For the full text of the H-Statements and R-Phrases mentioned in this Section, see Section 16

## SECTION 4. First aid measures

### 4.1 Description of first aid measures

#### General Advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

#### 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. Take victim immediately to a hospital. Consult a physician.

#### In case of eye contact

Flush eyes with water as a precaution.

#### If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

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

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or section 11.

#### **4.3 Indication of any immediate medical attention and special treatment needed**

No data available.

### **SECTION 5. Firefighting measures**

#### **5.1 Extinguishing media**

##### **Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

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

Carbon oxides, Nitrogen oxides (NO<sub>x</sub>), Hydrogen iodide

#### **5.3 Advice for fire-fighters**

Wear self-contained breathing apparatus for fire-fighting if necessary.

#### **5.4 Further information**

No data available.

### **SECTION 6. Accidental release measures**

#### **6.1 Personal precautions, protective equipment and emergency procedures**

Wear respiratory protection. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust. For personal protection see section 8.

#### **6.2 Environmental precautions**

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

#### **6.3 Methods and material for containment and cleaning up**

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

#### **6.4 Reference to other sections**

For disposal see section 13.

### **SECTION 7. Handling and storage**

#### **7.1 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. For precautions see section 2.2.

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

Store with desiccant. Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

Recommended storage temperature 2 - 8 °C

Store with desiccant. Product is sensitive to light and moisture.

Storage class (TRGS 510): Non-combustible, acute toxic Cat.3 / toxic hazardous materials or hazardous materials causing chronic effects

#### **7.3 Specific end use(s)**

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

## **SECTION 8. Exposure controls/personal protection**

### **8.1 Control parameters**

#### **Components with workplace control parameters**

### **8.2 Exposure controls**

#### **Appropriate engineering controls**

Use only in a chemical fume hood.

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

#### **Personal protective equipment**

##### **Eye/face protection**

Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

##### **Skin 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. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Full contact

Material: Nitrile rubber

Minimum layer thickness: 0,11 mm

Break through time: 480 min

Material tested: Dermatril® (KCL 740 / Aldrich Z677272, Size M)

Splash contact

Material: Nitrile rubber

Minimum layer thickness: 0,11 mm

Break through time: 480 min

Material tested: Dermatril® (KCL 740 / Aldrich Z677272, Size M)

data source: KCL GmbH, D-36124 Eichenzell, phone +49 (0)6659 87300, e-mail sales@kcl.de, test method: EN374

If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

##### **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 N99 (US) or type P2 (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).

##### **Control of environmental exposure**

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

## **SECTION 9. Physical and chemical properties**

### **9.1 Information on basic physical and chemical properties**

Appearance	Form: crystalline Colour: light yellow
Odour	No data available
Odour threshold	No data available
pH	No data available
Melting/freezing point	No data available
Initial boiling point and boiling range	No data available
Flash point	No data available
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Upper/lower flammability or explosive limits	No data available
Vapour pressure	No data available
Vapour density	No data available
Relative density	No data available
Water Solubility	100 g/L
Partition coefficient: n-octanol/water	log Pow: 0,04
Autoignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidizing properties	No data available

### **9.2 Other information**

No data available.

## **SECTION 10. Stability and reactivity**

### **10.1 Reactivity**

No data available.

### **10.2 Chemical stability**

Stable under recommended storage conditions.

### **10.3 Possibility of hazardous reactions**

No data available.

### **10.4 Conditions to avoid**

Exposure to light may affect product quality.

### **10.5 Incompatible materials**

Strong acids, Strong bases, Strong oxidizing agents, Strong reducing agents

### **10.6 Hazardous decomposition products**

Other decomposition products - No data available

In the event of fire: see section 5

## **SECTION 11. Toxicological information**

### **11.1 Information on toxicological effects**

#### **Acute toxicity**

LD50 Oral - Mouse - 74 mg/kg

LD50 Intraperitoneal - Mouse - 50 mg/kg

LD50 Intravenous - Mouse - 56 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.

**Reproductive toxicity**

No data available

**Specific target organ toxicity - single exposure**

No data available

**Specific target organ toxicity - repeated exposure**

No data available

**Aspiration hazard**

No data available

**Additional Information**

RTECS: AC4200000

burning sensation, Cough, wheezing, laryngitis, Shortness of breath, Headache, Nausea, Vomiting To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

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

No data available

**12.2 Persistence and degradability**

Biodegradability Result: - Not biodegradable  
(OECD Test Guideline 301)

**12.3 Bioaccumulative potential**

Indication of bioaccumulation.

**12.4 Mobility in soil**

No data available.

**12.5 Results of PBT and vPvB assessment**

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

**12.6 Other adverse effects**

No data available.

**SECTION 13. Disposal considerations****13.1 Waste treatment methods****Product**

Offer surplus and non-recyclable solutions to a licensed disposal company. 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 products.

## SECTION 14. Transport information

### 14.1 UN-Number

ADR/RID: 2811                      IMDG: 2811                      IATA: 2811

### 14.2 UN proper shipping name

ADR/RID:                      TOXIC SOLID, ORGANIC, N.O.S. (2-Iodoacetamide)  
IMDG:                      TOXIC SOLID, ORGANIC, N.O.S. (2-Iodoacetamide)  
IATA:                      Toxic solid, organic, n.o.s. (2-Iodoacetamide)

### 14.3 Transport hazard classes

ADR/RID: 6.1                      IMDG: 6.1                      IATA: 6.1

### 14.4 Packing group

ADR/RID: III                      IMDG: III                      IATA: III

### 14.5 Environmental hazards

ADR/RID: no                      IMDG: Marine pollutant: no                      IATA: no

### 14.6 Special precautions for users

No data available.

## SECTION 15. Regulatory information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

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

No data available.

### 15.2 Chemical Safety Assessment

For this product a chemical safety assessment was not carried out

## SECTION 16. Other information

### Full text of H-Statements referred to under sections 2 and 3.

Acute Tox.	Acute toxicity
H301	Toxic if swallowed.
H317	May cause an allergic skin reaction.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Resp. Sens.	Respiratory sensitisation
Skin Sens.	Skin sensitisation

### Full text of R-phrases referred to under sections 2 and 3.

T	Toxic
R25	Toxic if swallowed.
R42/43	May cause sensitisation by inhalation and skin contact.
R53	May cause long-term adverse effects in the aquatic environment.

### Further information

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 regards to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Lexogen shall not be held liable for any damage resulting from handling or from contact with the above product. Please see also our terms and conditions on our website [www.lexogen.com](http://www.lexogen.com)  
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