

# PHOSTOXIN

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Date of issue: 01/06/2017

Version: 18.0

# Rentokil

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

### 1.1. Product identifier

Product form : Mixtures  
Product name : PHOSTOXIN  
Registration No UK2016-1044 / MAPP 09315 / MAPP 17000  
Product group : Product

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

#### 1.2.1. Relevant identified uses

Main use category : Professional use  
Use of the substance/mixture : A vertebrate control agent for professional use. Spherical tablets supplied in an aluminium flask. The phosphine gas, which is produced when the tablets come into contact with moisture has a garlic or carbide odour (although odour is not considered a reliable indicator of presence).

#### 1.2.2. Uses advised against

No additional information available

### 1.3. Details of the supplier of the safety data sheet

Rentokil Initial Supplies  
Liverpool  
L33 7SR  
UK

Product advice line: +44 (0)151 548 5050

Email: sds@rentokil.com

### 1.4. Emergency telephone number

Emergency number : +44 (0)1342 833022

Country	Organisation/Company	Address	Emergency number	Comment
Ireland	National Poisons Information Centre Beaumont Hospital	PO Box 1297 Beaumont Road 9 Dublin	+353 1 809 2566 (Healthcare professionals-24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7)	
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH Birmingham	0344 892 0111	

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

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

Substances and Mixtures which, in contact with water, emit flammable gases, Category 1 H260  
Acute toxicity (oral), Category 2 H300  
Acute toxicity (dermal), Category 3 H311  
Acute toxicity (inhalation:dust,mist) Category 1 H330  
Serious eye damage/eye irritation, Category 1 H318  
Hazardous to the aquatic environment — Acute Hazard, Category 1 H400

Full text of hazard classes and H-statements : see section 16

#### Adverse physicochemical, human health and environmental effects

No additional information available

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### 2.2. Label elements

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

Hazard pictograms (CLP) :



Signal word (CLP) :

Danger

Hazardous ingredients :

Aluminium phosphide ; Ammonium Carbamate

Hazard statements (CLP) :

H260 - In contact with water releases flammable gases which may ignite spontaneously  
H300+H330 - Fatal if swallowed or if inhaled  
H311 - Toxic in contact with skin  
H318 - Causes serious eye damage  
H400 - Very toxic to aquatic life

Precautionary statements (CLP) :

P223 - Keep away from any possible contact with water, because of violent reaction and possible flash fire  
P232 - Protect from moisture  
P234 - Keep only in original container  
P235 - Keep cool  
P260 - Do not breathe dust  
P273 - Avoid release to the environment  
P280 - Wear protective clothing, eye protection, face protection  
P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER, a doctor  
P312 - Call a doctor, a POISON CENTER if you feel unwell  
P321 - Specific treatment (see first aid on this label)  
P335 - Brush off loose particles from skin  
P370+P378 - In case of fire: Use carbon dioxide (CO<sub>2</sub>), dry sand to extinguish  
P402+P404 - Store in a dry place. Store in a closed container  
P405 - Store locked up  
P501 - Dispose of contents/container to an approved waste disposal plant

EUH-statements :

EUH029 - Contact with water liberates toxic gas  
EUH032 - Contact with acids liberates very toxic gas

### 2.3. Other hazards

No additional information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Aluminium phosphide	(CAS-No.) 20859-73-8 (EC-No.) 244-088-0 (EC Index-No.) 015-004-00-8	56	Water-react. 1, H260 Acute Tox. 2 (Oral), H300 Acute Tox. 3 (Dermal), H311 Acute Tox. 1 (Inhalation:dust,mist), H330 Aquatic Acute 1, H400 (M=100)
Aluminium hydroxide (reaction product on contact with moisture)	(CAS-No.) 21645-51-2 (EC-No.) 244-492-7	>= 50	Not classified
Phosphine / Hydrogen phosphide (reaction product on contact with moisture)	(CAS-No.) 7803-51-2 (EC-No.) 232-260-8 (EC Index-No.) 015-181-00-1	25 - 50	Flam. Gas 1, H220 Press. Gas Acute Tox. 2 (Inhalation), H330 Skin Corr. 1B, H314 Aquatic Acute 1, H400
Ammonium Carbamate	(CAS-No.) 1111-78-0 (EC-No.) 214-185-2	>= 10	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318
Ammonia (reaction product on contact with moisture)	(CAS-No.) 7664-41-7 (EC-No.) 231-635-3;231-634-3 (EC Index-No.) 007-001-00-5	2.5 - 10	Flam. Gas 2, H221 Press. Gas (Comp.), H280 Acute Tox. 3 (Inhalation), H331 Acute Tox. 3 (Inhalation:gas), H331 Skin Corr. 1A, H314 Aquatic Acute 1, H400

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Full text of H-statements: see section 16

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

- First-aid measures after inhalation : Do not enter contaminated atmosphere, otherwise wear self contained breathing apparatus. Remove patient to fresh air, keep warm and at rest. Apply supportive measures if necessary. DO NOT give mouth-to-mouth resuscitation. Seek medical advice immediately.
- First-aid measures after skin contact : Remove immediately, brush or shake any residues from clothing and skin in a well-ventilated area. Allow clothes to aerate for a number of hours prior to machine washing. Seek medical advice immediately.
- First-aid measures after eye contact : Rinse immediately with plenty of water. Obtain medical attention.
- First-aid measures after ingestion : Immediately call a POISON CENTRE or doctor/physician.

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

- Symptoms/effects : MISUSE OF THIS PRODUCT CAN BE FATAL. There is no effective treatment for phosphine poisoning. Less than one sixth of a 3g tablet (0.5g) is a fatal dose for a 70kg human, ingested or inhaled. Phosphine directly inhibits cytochrome oxidase in an action similar to that of cyanide. Symptoms of poisoning include epigastric burning vomiting thirst cardiovascular collapse acidosis and hypokalemia (potassium deficiency). IDLH (Immediately Dangerous to Life and Health) = 50ppm Phosphine.

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

Further information on all Rentokil Initial formulations is lodged with the local National Poisons Information Service.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

- Suitable extinguishing media : Sand. Dry powder. Carbon dioxide.
- Unsuitable extinguishing media : Do not use extinguishing media containing water.

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

- Fire hazard : In case of fire hazardous combustion gases are formed, caustic phosphoric acid aerosols (phosphide pentoxide).

#### 5.3. Advice for firefighters

- 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

- General measures : Wear suitable personal protective equipment.

##### 6.1.1. For non-emergency personnel

- Protective equipment : Wear suitable and use suitable personal protective clothing and equipment including self contained breathing apparatus (SCBA). All clothing and equipment should be machine washed immediately after use.

##### 6.1.2. For emergency responders

- Protective equipment : Wear suitable and use suitable personal protective clothing and equipment including self contained breathing apparatus (SCBA). All clothing and equipment should be machine washed immediately after use.

#### 6.2. Environmental precautions

Avoid release to the environment. Notify authorities if product enters sewers or public waters.

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

- Methods for cleaning up : Evacuate the spillage area and ensure the area is well ventilated. Wear and use suitable protective clothing and equipment using SCBA. Prevent dispersion. Clean up the remainder carefully. DO NOT USE WATER FOR CLEANING. The area should be kept secure and aerated until checked for zero gas concentration using appropriate gas sampling equipment. Remove as hazardous waste according to National or local legislation.

#### 6.4. Reference to other sections

See also sections 8 and 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Precautions for safe handling : Open the flask outdoors immediately before use and ensure it is pointing away from you. Read the product label carefully for further instructions about handling and usage.

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

Storage conditions : Store in original flask in a cool dry ventilated place out of reach of children and away from food drink and animal feeding stuffs. USE ALL CONTENTS OF THE FLASK. DO NOT RE-SEAL. Spontaneous combustion can arise due to sudden release of phosphine gas if a flask having been opened once is then re-opened.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Aluminium phosphide (20859-73-8)		
EU	Local name	Phosphine
EU	IOELV TWA (mg/m <sup>3</sup> )	0.14 mg/m <sup>3</sup>
EU	IOELV STEL (mg/m <sup>3</sup> )	0.28 mg/m <sup>3</sup>
Ammonia (reaction product on contact with moisture) (7664-41-7)		
EU	Local name	Ammonia, anhydrous
EU	IOELV TWA (mg/m <sup>3</sup> )	14 mg/m <sup>3</sup>
EU	IOELV TWA (ppm)	20 ppm
EU	IOELV STEL (mg/m <sup>3</sup> )	36 mg/m <sup>3</sup>
EU	IOELV STEL (ppm)	50 ppm
Ireland	Local name	Ammonia, anhydrous
Ireland	OEL (8 hours ref) (mg/m <sup>3</sup> )	14 mg/m <sup>3</sup>
Ireland	OEL (8 hours ref) (ppm)	20 ppm
Ireland	OEL (15 min ref) (mg/m <sup>3</sup> )	36 mg/m <sup>3</sup>
Ireland	OEL (15 min ref) (ppm)	50 ppm
Ireland	Notes (IE)	IOELV
United Kingdom	Local name	Ammonia, anhydrous
United Kingdom	WEL TWA (mg/m <sup>3</sup> )	18 mg/m <sup>3</sup>
United Kingdom	WEL TWA (ppm)	25 ppm
United Kingdom	WEL STEL (mg/m <sup>3</sup> )	25 mg/m <sup>3</sup>
United Kingdom	WEL STEL (ppm)	35 ppm

### 8.2. Exposure controls

#### Appropriate engineering controls:

Where exposure may occur, engineering controls, rather than the provision of Personal Protective Equipment (PPE) should be employed. On completion of a risk assessment, the following PPE may be required:

#### Personal protective equipment:

Gloves. Self-contained breathing apparatus.

#### Hand protection:

Wear gloves

#### Eye protection:

When opening the flask, point away from face and other people. Wear a full-face respirator with appropriate filter cartridge (which also meets P3 standard for particulates) or SCBA (Contact your PPE supplier for advice on suitable PPE and RPE)

#### Skin and body protection:

Wear suitable protective clothing

#### Respiratory protection:

Suitable respiratory protective protection such as a full face respirator with appropriate filter cartridge (which also meets P3 standard for particulates) or SCBA (Contact your PPE supplier for advice on suitable PPE and RPE).



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### Environmental exposure controls:

Avoid release to the environment. Refer to special instructions/safety data sheets.

## SECTION 9: Physical and chemical properties

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

Physical state	: Solid
Colour	: Grey.
Odour	: garlic-like.
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	: -87.4 °C Phosphine
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Extremely flammable gas
Vapour pressure	: No data available
Relative vapour density at 20 °C	: 1.2 Phosphine
Relative density	: No data available
Density	: 2.3 g/cm <sup>3</sup> aluminium phosphide
Solubility	: No data available
Log Pow	: 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	: 1.79 - 1.89 vol % Hydrogen phosphide

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Highly reactive when in contact with water or acids, produces extremely flammable and very toxic hydrogen phosphide (phosphine), ammonia and carbon dioxide.

### 10.2. Chemical stability

Avoid contact with water and acids as this will cause aluminium phosphide to decompose in a violent reaction into extremely flammable and very toxic hydrogen phosphide ammonia and carbon dioxide.

### 10.3. Possibility of hazardous reactions

Avoid contact with water and acids as this will cause aluminium phosphide to decompose in a violent reaction into extremely flammable and very toxic hydrogen phosphide ammonia and carbon dioxide.

### 10.4. Conditions to avoid

Avoid contact with water acids and ambient humidity. Phosphine gas is considered to be corrosive to copper copper alloys silver and gold.

### 10.5. Incompatible materials

Avoid contact with water and acids as this will cause aluminium phosphide to decompose in a violent reaction into extremely flammable and very toxic hydrogen phosphide ammonia and carbon dioxide.

### 10.6. Hazardous decomposition products

Hydrogen phosphide, phosphoric pentoxide and phosphoric acid.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Oral: Fatal if swallowed. Dermal: Toxic in contact with skin. Inhalation:dust,mist: Fatal if inhaled.

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LD50 oral rat	8.7 mg/kg Aluminium phosphide
LD50 oral	11.5 mg/kg For product

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LD50 dermal rat	500 - 1000 mg/kg Aluminium phosphide
LC50 inhalation rat (mg/l)	0.015 mg/l/4h Hydrogen phosphide (phosphine)
LC50 inhalation rat (ppm)	11 ppm/4h Hydrogen phosphide (phosphine)
ATE CLP (vapours)	0.015 mg/l/4h
ATE CLP (dust,mist)	0.015 mg/l/4h
Aluminium phosphide (20859-73-8)	
LD50 oral	8.7 mg/kg
LD50 dermal	900 mg/kg
Ammonium Carbamate (1111-78-0)	
LD50 oral	681 - 1470 mg/kg
Ammonia (reaction product on contact with moisture) (7664-41-7)	
LC50 inhalation rat (ppm)	2000 ppm/4h
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Causes serious eye damage.
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

## SECTION 12: Ecological information

### 12.1. Toxicity

PHOSTOXIN	
LC50 fish 1	0.0097 ppm
EC50 Daphnia 1	0.2 mg/l
Aluminium phosphide (20859-73-8)	
LC50 fish 1	0.0097 mg/l
Ammonia (reaction product on contact with moisture) (7664-41-7)	
LC50 other aquatic organisms 1	25.4 mg/l

### 12.2. Persistence and degradability

PHOSTOXIN	
Persistence and degradability	Phosphine decomposes in the atmosphere within 5-28h.

### 12.3. Bioaccumulative potential

PHOSTOXIN	
Bioaccumulative potential	This product is not expected to bioaccumulate.

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other adverse effects

No additional information available

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### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Waste treatment methods

: All pesticides must be disposed of as hazardous waste. Never wash out empty flasks with water. Once pest control activity has been completed, ensure that all residues of product are removed. Empty the flasks completely at site of use by upending and tapping the flask so that any remaining powder residue is deposited in the treatment burrow or run. Check that the flask is visibly empty. If residue remains repeat upending and tapping until fully removed. Ensure that the empty flask is kept dry. Tap out any residues from the applicator at the site of use as for the flasks. Disposal of waste flasks: Handle and store empty flasks as if they still contained product. Flasks must never be rinsed or cleaned. Screw the cap back onto the empty flask loosely (this action should only be carried out prior to transporting to designated storage area, flasks should not be re-capped if they still contain tablets, ensure that all product is used during the pest control treatment), this will help to ensure that any gas generated within the flask during transport from the treatment area is contained. Place the flask into a suitable bag. Label the bag and place the written confirmation that the waste treatment methods have been completed, date and sign. Seal the bag using tie wraps. Once at designated storage area and prior to waste collection, whilst wearing a full-face respirator with appropriate gas filter cartridge (which also meets P3 standard for particulates) or SCBA (contact your PPE supplier for advice on suitable PPE and RPE) and whilst wearing suitable gloves and skin protection such as rubber/PVC gloves and coveralls, remove the flask from the sealed bag. Remove caps, taking care and pointing flask away from face and other people, as any generated gas may be present. Invert the flasks on a mesh shelf in a secure caged area until all gas has vented from the flask. We recommend venting the flasks for 48 hours. Once venting is complete, re-cap flask and replace into and seal the plastic bag. Record on the written confirmation that the flasks have been vented. Store in a designated secure storage area until collection by a licensed waste-disposal contractor.

Disposal of used PPE (gloves, coveralls, respirators): Place used PPE in plastic bags and seal. Dispose of as hazardous waste, EWC code 15 02 02\*.

Disposal of unusable product: Pack and seal, using tie wraps any flasks and/or cartons containing the product, which has been subject to damage or is otherwise unusable into a clear plastic bag. Consult Rentokil for advice on disposal.

Disposal of applicators: Exposure to atmospheric moisture should be sufficient to ensure that applicators will not be contaminated. However, do not carry or keep contaminated applicators in confined spaces. If the applicator is to be disposed, place in a plastic bag and seal with tie wraps. Dispose of the applicator as hazardous waste EWC code 15 01 10\*.

### SECTION 14: Transport information

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

#### 14.1. UN number

UN-No. (ADR) : 1397  
UN-No. (IMDG) : 1397  
UN-No. (IATA) : 1397  
UN-No. (ADN) : 1397  
UN-No. (RID) : 1397

#### 14.2. UN proper shipping name

Proper Shipping Name (ADR) : ALUMINIUM PHOSPHIDE  
Proper Shipping Name (IMDG) : ALUMINIUM PHOSPHIDE  
Proper Shipping Name (IATA) : Aluminium phosphide  
Proper Shipping Name (ADN) : ALUMINIUM PHOSPHIDE  
Proper Shipping Name (RID) : ALUMINIUM PHOSPHIDE  
Transport document description (ADR) : UN 1397 ALUMINIUM PHOSPHIDE (MIXTURE), 4.3 (6.1), I, (E), ENVIRONMENTALLY HAZARDOUS  
Transport document description (IMDG) : UN 1397 ALUMINIUM PHOSPHIDE, 4.3 (6.1), I, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS  
Transport document description (IATA) : UN 1397 Aluminium phosphide, 4.3 (6.1), I, ENVIRONMENTALLY HAZARDOUS  
Transport document description (ADN) : UN 1397 ALUMINIUM PHOSPHIDE, 4.3 (6.1), I, ENVIRONMENTALLY HAZARDOUS  
Transport document description (RID) : UN 1397 ALUMINIUM PHOSPHIDE, 4.3 (6.1), I, ENVIRONMENTALLY HAZARDOUS

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

ADR

Transport hazard class(es) (ADR) : 4.3 (6.1)  
Danger labels (ADR) : 4.3, 6.1

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### IMDG

Transport hazard class(es) (IMDG) : 4.3 (6.1)

Danger labels (IMDG) : 4.3, 6.1



### IATA

Transport hazard class(es) (IATA) : 4.3 (6.1)

Hazard labels (IATA) : 4.3, 6.1



### ADN

Transport hazard class(es) (ADN) : 4.3 (6.1)

Danger labels (ADN) : 4.3, 6.1



### RID

Transport hazard class(es) (RID) : 4.3 (6.1)

Danger labels (RID) : 4.3, 6.1



#### 14.4. Packing group

Packing group (ADR) : I

Packing group (IMDG) : I

Packing group (IATA) : I

Packing group (ADN) : I

Packing group (RID) : I

#### 14.5. Environmental hazards

Dangerous for the environment : Yes

Marine pollutant : Yes

Other information : No supplementary information available

#### 14.6. Special precautions for user

##### - Overland transport

Classification code (ADR) : WT2

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Special provisions (ADR)	: 507
Limited quantities (ADR)	: 0
Excepted quantities (ADR)	: E0
Packing instructions (ADR)	: P403
Mixed packing provisions (ADR)	: MP2
Transport category (ADR)	: 1
Special provisions for carriage - Packages (ADR)	: V1
Special provisions for carriage - Loading, unloading and handling (ADR)	: CV23, CV28
Special provisions for carriage - Operation (ADR)	: S20
Tunnel restriction code (ADR)	: E
EAC code	: 4W

### - Transport by sea

Limited quantities (IMDG)	: 0
Excepted quantities (IMDG)	: E0
Packing instructions (IMDG)	: P403
Special packing provisions (IMDG)	: PP31
EmS-No. (Fire)	: F-G
EmS-No. (Spillage)	: S-N
Stowage category (IMDG)	: E
Properties and observations (IMDG)	: Crystals or powder. Reacts with acids or decomposes slowly in contact with water or damp air, evolving phosphine, a spontaneously flammable and highly toxic gas. Reacts violently with oxidizing substances. Toxic if swallowed, by skin contact or by inhalation.

### - Air transport

PCA Excepted quantities (IATA)	: E0
PCA Limited quantities (IATA)	: Forbidden
PCA limited quantity max net quantity (IATA)	: Forbidden
PCA packing instructions (IATA)	: Forbidden
PCA max net quantity (IATA)	: Forbidden
CAO packing instructions (IATA)	: 487
CAO max net quantity (IATA)	: 15kg
ERG code (IATA)	: 4PW

### - Inland waterway transport

Classification code (ADN)	: WT2
Special provisions (ADN)	: 57, 82
Limited quantities (ADN)	: 0
Excepted quantities (ADN)	: E0
Equipment required (ADN)	: PP, EP, EX, TOX, A
Ventilation (ADN)	: VE01, VE02
Provisions for handling and stowage of the cargo (ADN)	: HA08
Number of blue cones/lights (ADN)	: 2

### - Rail transport

Classification code (RID)	: WT2
Special provisions (RID)	: 507
Limited quantities (RID)	: 0
Excepted quantities (RID)	: E0
Packing instructions (RID)	: P403
Mixed packing provisions (RID)	: MP2
Transport category (RID)	: 1
Special provisions for carriage – Packages (RID)	: W1
Special provisions for carriage - Loading, unloading and handling (RID)	: CW23, CW28
Hazard identification number (RID)	: X462

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### 14.7. Transport in bulk according to Annex II of Marpol 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

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No additional information available

## SECTION 16: Other information

Full text of H- and EUH-statements:

Acute Tox. 1 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 1
Acute Tox. 2 (Inhalation)	Acute toxicity (inhal.), Category 2
Acute Tox. 2 (Oral)	Acute toxicity (oral), Category 2
Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3
Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3
Acute Tox. 3 (Inhalation:gas)	Acute toxicity (inhalation:gas) Category 3
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Flam. Gas 1	Flammable gases, Category 1
Flam. Gas 2	Flammable gases, Category 2
Press. Gas	Gases under pressure
Press. Gas (Comp.)	Gases under pressure : Compressed gas
Skin Corr. 1A	Skin corrosion/irritation, Category 1A
Skin Corr. 1B	Skin corrosion/irritation, Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Water-react. 1	Substances and Mixtures which, in contact with water, emit flammable gases, Category 1
H220	Extremely flammable gas
H221	Flammable gas
H260	In contact with water releases flammable gases which may ignite spontaneously
H280	Contains gas under pressure; may explode if heated
H300	Fatal if swallowed
H302	Harmful if swallowed
H311	Toxic in contact with skin
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H318	Causes serious eye damage
H330	Fatal if inhaled
H331	Toxic if inhaled
H400	Very toxic to aquatic life
EUH029	Contact with water liberates toxic gas
EUH032	Contact with acids liberates very toxic gas

RI - SDS EU (REACH Annex II) CLP

**Before using any product, ensure that you read and understand its label.**

The information contained in this safety data sheet is, to the best of our knowledge and belief, accurate and reliable at the time of publication. The information relates only to the specific material designated in this safety data sheet and may not be valid for such material if it is used in combination with any other material(s) or any other use than that specified herein. Neither Rentokil Initial plc nor any of its subsidiaries accepts any liability for the use of this product for any other purpose than that described in this safety data sheet. This does not affect your statutory rights. It is the user's responsibility to satisfy him/herself as to the suitability in completeness of such information for his/her own particular use.

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Telephone: +44 (0) 1342 833022 Fax: +44 (0) 1403 214101

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