according to UK REACH Regulation

	Sicapent with in	dicator	
Revision date: 09.05.2023	Product code: PEC12	I-0022-1-B2	Page 1 of t
SECTION 1: Identification of t	he substance/mixture and of the o	company/undertaking	
I.1. Product identifier			
Sicapent with indicator			
Further trade names			
Phosphorpentoxid			
CAS No:	1314-56-3		
Index No:	015-010-00-0		
EC No:	215-236-1		
.2. Relevant identified uses of the	<u>he substance or mixture and uses ad</u>	<u>vised against</u>	
1.3. Details of the supplier of the	safety data sheet		
Company name:	ABX advanced biochemical com	pounds	
	Biomedizinische Forschungsrea	genzien GmbH	
Street:	Heinrich-Gläser-Straße 10-14		
Place:	01454 Radeberg		
Telephone:	+49 3528 4041 60	Telefax: +49 3528 4041 65	
e-mail:	info@abx.de		
Contact person:	Dr. Christoph Meyer	Telephone: +49 3528 4041 8732	
e-mail:	meyer@abx.de	·	
Internet:	http://www.abx.de		
.4. Emergency telephone	+49 3528 4041 60		

2.1. Classification of the substance or mixture

GB CLP Regulation

Skin Corr. 1A; H314

Full text of hazard statements: see SECTION 16.

This preparation does not contain harmful substances and/or substances hazardous to the environment in accordance with the substance directive 67/548/EC or substances to which occupationel exposure limit values are allocated.

2.2. Label elements

GB CLP	Regu	lation
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Signal word:

Pictograms:



Danger

Hazard statements

H314

Causes severe skin burns and eye damage.

Precautionary statements

P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing
	protection.
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 or shower.
P363	Wash contaminated clothing before reuse.

according to UK REACH Regulation

	Sicapent with indicator	
Revision date: 09.05.2023	Product code: PEC11-0022-1-B2	Page 2 of 5
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.	
P310	Immediately call a POISON CENTER/doctor.	
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.	
P310	Immediately call a POISON CENTER/doctor.	
P405	Store locked up.	

SECTION 3: Composition/information on ingredients

3.1. Substances

Hazardous components

CAS No	Chemical name			Quantity
	EC No Index No REACH No			
	Classification (GB CLP Regulation)			
1314-56-3	phosphorus pentoxide			95 - < 100 %
	215-236-1	015-010-00-0		
	Skin Corr. 1A; H314			

Full text of H and EUH statements: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation

Provide fresh air.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water.

After ingestion

If swallowed, immediately drink: Water.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

Provide adequate ventilation.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

Other information

Take up dust-free and set down dust-free.

SECTION 7: Handling and storage

according to UK REACH Regulation

Sicapent with indicator

Revision date: 09.05.2023

Product code: PEC11-0022-1-B2

Page 3 of 5

7.1. Precautions for safe handling

Advice on general occupational hygiene

Change contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed.

Further information on storage conditions

Maximum storage temperature: +30 °C

Protect against: Light.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m³	fibres/ml	Category	Origin
1314-56-3	Diphosphorus pentoxide	-	1		TWA (8 h)	WEL
		-	2		STEL (15 min)	WEL

8.2. Exposure controls

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	solid
Colour:	white
Odour:	odourless
Density (at 20 °C):	
Bulk density:	

0,3 g/cm³ 300 kg/m³

SECTION 10: Stability and reactivity

10.3. Possibility of hazardous reactions

Violent reaction with: Water.

10.4. Conditions to avoid

Light.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in GB CLP Regulation

SECTION 12: Ecological information

12.5. Results of PBT and vPvB assessment

This substance does not meet the PBT/vPvB criteria of UK REACH.

12.6. Endocrine disrupting properties

This substance does not have endocrine disrupting properties with respect to non-target organisms.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

according to UK REACH Regulation

Sicapent with indicator

Revision date: 09.05.2023

Product code: PEC11-0022-1-B2

Page 4 of 5

Disposal recommendations

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

Contaminated packaging

Completely emptied packages can be recycled.

SECTION 14: Transport information

Land transport (ADR/RID)

Lanu transport (ADR/RID)	
14.1. UN number or ID number:	UN 1807
14.2. UN proper shipping name:	PHOSPHORUS PENTOXIDE
14.3. Transport hazard class(es):	8
14.4. Packing group:	Ш
Hazard label:	8
Classification code:	C2
Limited quantity:	1 kg
Excepted quantity:	E2
Transport category:	2
	-
Hazard No:	80
Tunnel restriction code:	E
Inland waterways transport (ADN)	
14.1. UN number or ID number:	UN 1807
14.2. UN proper shipping name:	PHOSPHORUS PENTOXIDE
14.3. Transport hazard class(es):	8
14.4. Packing group:	11
Hazard label:	8
Classification code:	C2
Limited quantity:	1 kg
Excepted quantity:	E2
	EZ
Marine transport (IMDG)	
14.1. UN number or ID number:	UN 1807
14.2. UN proper shipping name:	PHOSPHORUS PENTOXIDE
14.3. Transport hazard class(es):	8
14.4. Packing group:	II
Hazard label:	8
Special Provisions:	-
Limited quantity:	1 kg
Excepted quantity:	E2
EmS:	 F-А, S-В
	1 - X, O-D
Air transport (ICAO-TI/IATA-DGR)	
14.1. UN number or ID number:	UN 1807
14.2. UN proper shipping name:	PHOSPHORUS PENTOXIDE
14.3. Transport hazard class(es):	8
14.4. Packing group:	II
Hazard label:	8
Limited quantity Passenger:	5 kg
Passenger LQ:	Y844
Excepted quantity:	E2
IATA-packing instructions - Passenger:	859
IATA-max. quantity - Passenger:	15 kg
IATA-packing instructions - Cargo:	863
IATA-max. quantity - Cargo:	50 kg
in the max. quantity - Oargo.	

SECTION 15: Regulatory information

according to UK REACH Regulation

Sicapent with indicator

Revision date: 09.05.2023

Product code: PEC11-0022-1-B2

Page 5 of 5

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

EU regulatory information

Restrictions on use (REACH, annex XVII): Entry 3, Entry 75

National regulatory information

Water hazard class (D):

1 - slightly hazardous to water

SECTION 16: Other information

Relevant H and EUH statements (number and full text)

H314Causes severe skin burns and eye damage.H318Causes serious eye damage.