

## Safety data sheet according to 1907/2006/EC, Article 31

2059300

Revision: 27.03.2017 Printing date: 27.03.2017

•	Product identifier
	Trade name:
	Abaloparatide acetate salt
•	Article number: new: 4105586 old: H-8334
•	CAS Number: 247062-33-5
•	Relevant identified uses of the substance or mixture and uses advised against
•	Application of the substance / the preparation Laboratory chemicals
•	Details of the supplier of the safety data sheet
•	Manufacturer/Supplier:
	Bachem AG Hauptstrasse 144
	CH-4416 Bubendorf
	Switzerland
	E-mail msds@bachem.com
	Tel +41 58 595 2021 Fax +41 58 595 2040
•	Further information obtainable from: Department: Marketing
•	Emergency telephone number: +41 44 251 51 51 (Tox Info Suisse)
2	Hazards identification
	Classification of the substance or mixture
•	Classification according to Regulation (EC) No 1272/2008
	Void
	Label elements
•	Labelling according to Regulation (EC) No 1272/2008 Void
	Signal word
	Void
•	Hazard statements
	Void
	Other hazards
	Results of PBT and vPvB assessment PBT:
·	Not applicable.
•	vPvB:
	Not applicable.

• Chemical characterization: Substances

CAS No.

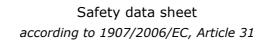
*Description* Abaloparatide acetate salt 247062-33-5

- Identification number(s)
- EC number:

RTECS Number:

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#### **PRODUCT** : Abaloparatide acetate salt (Contd. of page 1) 04 First aid measures · Description of first aid measures · After inhalation: Supply fresh air; consult doctor in case of complaints. · After skin contact: Immediately wash with water and soap and rinse thoroughly. · After eye contact: Rinse opened eye for several minutes under running water. After swallowing: Call a doctor immediately. Information for doctor: · Most important symptoms and effects, both acute and delayed No further relevant information available. · Indication of any immediate medical attention and special treatment needed No further relevant information available. 05 Firefighting measures · Extinguishing media Suitable extinguishing agents: CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam. Special hazards arising from the substance or mixture No further relevant information available. · Advice for firefighters

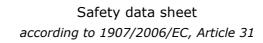
- Protective equipment:
- No special measures required.

#### 06 Accidental release measures

- Personal precautions, protective equipment and emergency procedures Not required.
- Environmental precautions: No special measures required.
- Methods and material for containment and cleaning up: Pick up mechanically.
- Reference to other sections

### 07 Handling and storage

- · Handling:
- Precautions for safe handling Prevent formation of dust.
- Information about fire and explosion protection: No special measures required.
- · Conditions for safe storage, including any incompatibilities
- · Storage:
- Requirements to be met by storerooms and receptacles: No special requirements.
- Information about storage in one common storage facility: Store away from foodstuffs.
- Further information about storage conditions: Store in dry conditions.
- Recommended storage temperature:
  < -15 °C</li>
- Specific end use(s)
- No further relevant information available



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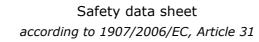
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)8 E	(Contd. of page 2) exposure controls/personal protection
	Control parameters
	Ingredients with limit values that require monitoring at the workplace:
• ,	Additional information:
-	The lists valid during the making were used as basis.
•	Exposure controls
•	Personal protective equipment:
• (	General protective and hygienic measures:
	The usual precautionary measures are to be adhered to when handling chemicals.
	Respiratory protection:
	In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained
	respiratory protective device.
	Use suitable respiratory protective device in case of insufficient ventilation. Protection of hands:
	The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
	Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
	Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
	Protective gloves
	Material of gloves
-	The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
•	Penetration time of glove material
-	The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
•	Eye protection:
:	Safety glasses

09	Physical	and	chemical	properties

Information on basic physical and ch	emical properties		
General Information			
Appearance:			
Form:	Powder		
Colour:	White, Whitish		
Odour:	Nearly odourless		
Odour threshold:	Not determined.		
pH-value:	Not determined.		
Change in condition			
Boiling point/Boiling range:	Undetermined.		
Flash point:	Not applicable.		
Flammability (solid, gaseous):	Not applicable.		
Ignition temperature:			
Decomposition temperature:	Not determined.		
Self-igniting:	Not determined.		
Danger of explosion:	Not determined.		
Explosion limits:			
Lower:	Not determined.		
Upper:	Not determined.		
Vapour pressure:	Not determined.		
Density:	Not determined.		
Solubility in / Miscibility with			
water:	Not determined.		
Viscosity:			
Dynamic:	Not determined.		
Kinematic:	Not determined.		





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## PRODUCT : Abaloparatide acetate salt

Other information

No further relevant information available.

#### 10 Stability and reactivity

- Reactivity
- · Chemical stability
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- Possibility of hazardous reactions No dangerous reactions known.
- Conditions to avoid
- No further relevant information available.
- Incompatible materials:
- No further relevant information available.
- Hazardous decomposition products:
- No dangerous decomposition products known.

#### 11 Toxicological information

- · Information on toxicological effects
- Acute toxicity:
- No further relevant information available.
- Primary irritant effect:
- on the skin: No further relevant information available.
- on the eye:
- No further relevant information available.
- Sensitization:
- No sensitising effects known.
- Additional toxicological information:
- The substance is not subject to classification according to the latest version of the EU lists.

#### 12 Ecological information

- Toxicity
- Aquatic toxicity:
- No further relevant information available.
- Persistence and degradability No further relevant information available.
- Behaviour in environmental systems:
- · Bioaccumulative potential
- No further relevant information available.
- Mobility in soil No further relevant information available.
- Additional ecological information:
- General notes:
- Not known to be hazardous to water.
- Results of PBT and vPvB assessment
- PBT:
- Not applicable.
- vPvB:
- Not applicable.
- Other adverse effects
- No further relevant information available.

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#### **PRODUCT** : Abaloparatide acetate salt (Contd. of page 4) 13 Disposal considerations · Waste treatment methods · Waste disposal key: 18 02 06 · Uncleaned packaging: Recommendation: . Disposal must be made according to official regulations 14 Transport information UN-Number ADR Void IMDG Void ΙΑΤΑ Void · UN proper shipping name ADR Void IMDG Void ΙΑΤΑ Void Transport hazard class(es) ADR Void Class IMDG Class Void ΙΑΤΑ Void Class · Packing group Void ADR IMDG Void ΙΑΤΑ Void · Environmental hazards: Not applicable. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable. · Transport/Additional information: Not applicable.

#### 15 Regulatory information

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

- · National regulations:
- · Waterhazard class:
- Generally not hazardous for water.
- Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

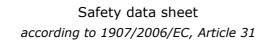
#### 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

 Department issuing MSDS: Department: Marketing

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Abbreviations and acronyms:	
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concernin	ig the Internationa
Carriage of Dangerous Goods by Road)	
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulation	is Concerning the
nternational Transport of Dangerous Goods by Rail)	
MDG: International Maritime Code for Dangerous Goods	
ATA: International Air Transport Association	
ATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)	
CAO: International Civil Aviation Organisation	
CAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO)	
EINECS: European Inventory of Existing Commercial Chemical Substances	
CAS: Chemical Abstracts Service (division of the American Chemical Society)	
RTECS: Registry of Toxic Effects of Chemical Substances	
NGK: Wassergefährdungsklasse	
* Data compared to the previous version altered.	