GP6351 v3.0



Safety Data Sheet

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	According to REACH Regulations (EC) 1907/2006 and (EU) 2020/878				
1.	Identification of the substance/mixture and of the company/undertaking				
1.1	Product identifier				
	Product code Product name CAS number Physical form REACH	 : GP6351 : Lopinavir : 192725-17-0 : solid, substance : 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				
	PC21: Laboratory che	emicals.			
1.3	Details of the supplie	er of the safety data sheet			
	Company name	:Glentham Life Sciences LtdTelephone:+44 (0) 1225 667 798Unit 5 Leafield WayFax:+44 (0) 2033 978 909Corsham SN13 9SWEmail:info@glentham.comUnited KingdomWeb:www.glentham.com			
1.4	Emergency telephon	e number			
	Emergency telephone number	e : NHS Direct 111 (UK, 24 hours), 112 (EU, 24 Hours), +44 (0) 1225 667 798 (09.00 – 17.00 GMT)			
2.	Hazards identificatio	n			
2.1	Classification of the substance or mixture				
	Classification under CLP according to (EC) 1272/2008				
	H302	Acute Tox. 4			
	H312	Acute Tox. 4			
	H332	Acute Tox. 4			
2.2	Label elements				
	Label elements under CLP according to (EC) 1272/2008				
	Pictograms	GHS07			
	Signal words Hazard statements	Warning			
	H302 H312 H332	Harmful if swallowed Harmful in contact with skin Harmful if inhaled			
	Precautionary state P261 P280 P301+P312 P302+P352 P264	ments Avoid breathing dust/fume/gas/mist/vapors/spray. Wear protective gloves/protective clothing/eye protection/face protection. IF SWALLOWED: call a POISON CENTER/doctor/ IF you feel unwell. IF ON SKIN: wash with plenty of water. Do not breathe fume.			
2.3	Other hazards				
	PBT				
	This substance is not	identified as a PRT substance			

This substance is not identified as a PBT substance.

Composition/information on ingredients 3.0

3.1 Substances

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4. 4.1

4.2

5.2

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Name		Identifier	%	Classification
Lopinavir		CAS: 192725-17-0 EC: REACH: Not applicable	98.0%	H302, Acute Tox. 4 H312, Acute Tox. 4 H332, Acute Tox. 4
irst aid measures				
escription of first a	id measures			
Skin contact			•	for 10 minutes or longer if substance is nmediately unless stuck to skin.
Eye contact	Consult a doctor. Bathe	the eye with running wate	er for 15 min	utes.
Ingestion	Consult a doctor. Do no Wash out mouth with wa	5	cious, give h	alf a litre of water to drink immediately.
Inhalation	Consult a doctor. Remo	ve casualty from exposur	e ensuring o	one's own safety whilst doing so.
lost important symp	otoms and effects, both ac	ute and delayed		
Skin contact	There may be irritation a	and redness at the site of	contact.	
Eye contact	The eyes may water pro	ofusely. There may be pai	n and redne	SS.
Ingestion	Nausea and stomach pa There may be vomiting.	,	be sorenes	s and redness of the mouth and throat.
Inhalation	Nausea and stomach pa in the chest. There may		be irritation	of the throat with a feeling of tightness
Delayed / immediate effects	Immediate effects can b	e expected after short-ter	m exposure	. Nausea and stomach pain may occur.

4.3 Indication of any immediate medical attention and special treatment needed

Immediate / special treatment

Do not induce vomiting.

5. Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media for the surrounding fire should be used.

Special hazards arising from the substance or mixture

Exposure hazards

In combustion emits toxic fumes.

5.3 Advice for fire-fighters

Wear protective clothing to prevent contact with skin and eyes. Wear self-contained breathing apparatus.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions

If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Refer to section 8 of SDS for personal protection details.

6.2 Environmental precautions

Do not discharge into drains or rivers.

6.3 Methods and material for containment and cleaning up

Clean-up procedures

Transfer to a closable, labelled salvage container for disposal by an appropriate method.

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6.4 Reference to other sections

Refer to section 8 of SDS.

7. Handling and storage

7.1 Precautions for safe handling

Handling requirements

Avoid direct contact with the substance. Avoid the formation or spread of dust in the air. Do not handle in a confined space. Ensure there is sufficient ventilation of the area.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions

Avoid contact with water or humidity. Keep container tightly closed. Store in cool, well ventilated area.

7.3 Specific end use(s)

No data available.

8. Exposure controls/personal protection

8.1 Control parameters

Workplace exposure limits

No workplace exposure limit control parameters set

8.2 Exposure controls

•	
Engineering measures	Ensure there is sufficient ventilation of the area.
Respiratory protection	Respiratory protective device with particle filter. Self- contained breathing apparatus must be available in case of emergency.
Hand protection	Protective gloves.
Eye protection	Ensure eye bath is to hand. Safety glasses.
Skin protection	Protective clothing.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	Solid
Colour	White
Odour	No data available.
Melting point/Freezing point	No data available.
Boiling point/initial boiling point/boiling range	No data available.
Flammability	No data available.
Lower/Upper explosion limit	No data available.
Flash Point	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
рН	No data available.
Kinematic viscosity	No data available.
Solubility	No data available.
Partition coefficient n-octanol/water	No data available.
Vapour pressure	No data available.
Density/relative density	No data available.
Relative vapour pressure	No data available.
Particle characteristics	No data available.

9.2 Other information

No data available.

10. Stability and reactivity

10.1 Reactivity

Stable under recommended transport or storage conditions.

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11.2 Information on other hazards		Other information	No data available.
	11.2	Information on other I	hazards
11.2.1 Endocrine disrupting properties	11.2.1	Endocrine disrupting pr	roperties

This product does not contain known or suspected endocrine disruptors according to REACH or relevant EU Regulations.

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11.2.2	Other information		
	No additional information		
12.	Ecological information		
12.1	Toxicity		
	No data available.		
12.2	Persistence and degradability		
	Biodegradable.		
12.3	Bioaccumulative potential		
	No bioaccumulation potential.		
12.4	Mobility in soil		
	Readily absorbed into soil.		
12.5	Results of PBT and vPvB assessment		
	This substance is not identified as a PBT substance.		
12.6	Endocrine disrupting properties		
	This substance is not identified as having endocrine disrupting properties		
12.7	Other adverse effects		
	No data available.		
13.	Disposal considerations		
13.1	Waste treatment methods		
	Disposal operations		
	Transfer to a suitable container and arrange for collection by specialised disposal company.		
	The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.		
14.	Transport information		
	This product does not require a classification for transport.		
15.	Regulatory information		
15.1	Safety, health and environmental regulations/legislation specific for the substance or mixture		
	This Safety Data Sheet is prepared in accordance with Commission Regulation (EC) 1907/2006, amended by Commission Regulation (EU) 2020/878.		
	Authorisations/Restrictions		
	Regulation (EC) 1907/2006, REACH, Annex XIV list of substances subject to No data available.		
	authorisation:		
	Regulation (EC) 1907/2006, REACH, Annex XVII restrictions on the manufacture, placing No data available. on the market and use of certain dangerous substances:		
	Regulation (EC) 1005/2009 on substances that deplete the ozone layer: No data available.		
	Regulation (EC) 850/2004 on persistent organic pollutants, amended by (EU) No No data available. 2019/1021:		
15.2	Chemical safety assessment		
	A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.		
	· ···		
16.	Other information		
	H-Statement Full Texts		
	H302 Harmful if swallowed H312 Harmful in contact with skin		
	H332 Harmful if inhaled		

Abbreviations Full Texts

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ADN ADR ALARP CAS CLP COSHH EC Number EC50 EILINCS EINECS GHS HSE IATA IM IMDG IP IV LD50 LOEC LTEL NOEC OECD PBT PPE REACH RID SC SDS	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways European Agreement concerning the International Carriage of Dangerous Goods by Road As low as is reasonably practicable Chemical Abstracts Service Classification, Labelling and Packaging Regulations Control of Substances Hazardous to Health European Community Number Effective Concentration 50% European List of Notified Chemical Substances European Inventory of Existing Commercial Chemical Substances Globally Harmonised System Health & Safety Executive UK International Air Transport Association Intramuscular The International Maritime Dangerous Goods Code Intraperitoneal Intravascular Lethal Dose 50% Lowest Observable Effective Concentration Long Term Exposure Limit No Observable Effective Concentration Organisation for Economic Cooperations and Development Persistent Bioaccumulative Toxic Personal Protective Equipment Registration, Evaluation, Authorisation and Restriction of Chemicals Regulations Concerning the International Carriage of Dangerous Goods by Rail Subcutaneous Safety Data Sheet
RID	Regulations Concerning the International Carriage of Dangerous Goods by Rail
STEL	Short Term Exposure Limit
STOT	Specific Target Organ Toxicity
VOC	Volatile Organic Compounds
vPvB	Very Persistent and Very Bioaccumulative
WEL	Workplace Exposure Limits

This Safety Data Sheet is prepared in accordance with Commission Regulation (EC) 1907/2006, amended by Commission Regulation (EU) 2020/878.

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