

chloride dihydrate REVISION: 08_00

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	Decil 111 111	<u>0/</u>			
Name Sodium	Product identifier (CAS No) 13472-35-0	% <1	Classification according to Regulation (EC) No. 1272/2008 [CLP] Not classified		
Dihydrogen Phosphate Dihydrate	(CA3 NO) 13472-33-0		NUL Classifieu		
Magnesium Sulphate Heptahydrate	esium (CAS No) 10034-99-8 < 1 ate <		Not classified		
Sodium Pyruvate	odium (CAS-No.) 113-24-6 < 1		Not classified		
Full text of H-st	atements: see section 16		1		
Comments		nyaluronidas ficate of Suita	e used in this product is derived from bovine testis is certified with a TSE risk evaluation ability (CEP).		
SECTION 4: I	First aid measures				
4.1 Des	cription of first aid mea	sures			
First-aid measures general:First-aid measures after inhalation:First-aid measures after skin contact:			Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). Allow affected person to breathe fresh air. Allow the victim to rest. Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.		
First-aid measu	res after eye contact	:	Rinse immediately with plenty of water for at least 15 minutes. Obtain medical attention if pain, blinking or redness persists.		
First-aid measu	res after ingestion	:	Rinse mouth. Do NOT induce vormiting. Obtain emergency medical attention.		
4.2 Mos	st important symptoms	and effects	s, both acute and delayed		
Symptoms/effe	cts	:	Not expected to present a significant hazard under anticipated conditions of normal use.		
4.3 Indi	cation of any immediat	e medical a	ttention and special treatment needed		
No additional in	formation available.				
SECTION 5: I	Firefighting measures	;			
5.1 Exti	nguishing media				
Suitable extingu Unsuitable extin	uishing media nguishing media	:	Foam. Dry powder. Carbon dioxide. Water spray. Sand. Do not use a heavy water stream.		
5.2 Spe	cial hazards arising fron	n the substa	ance or mixture		
No additional ir	formation available.				
5.3 Adv	ice for firefighters				
Firefighting inst Protection duri		:	Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment. Do not enter fire area without proper protective equipment, including respiratory protection.		
SECTION 6:	Accidental release me	easures			
6.1 Pers	sonal precautions, prote	ective equip	oment and emergency procedures		
6.1.1 For r Emergency proc	non-emergency personnel cedures	:	Evacuate unnecessary personnel.		
6.1.2 For e Protective equip Emergency prot		:	Equip cleanup crew with proper protection. Ventilate area.		
6.2 Envi	ironmental precautions				
•	o sewers and public waters				
6.3 Met	hods and material for o	ontainmen	t and cleaning up		
Methods for cle	eaning up	:	Collect spillage. Store away from other materials.		
	erence to other sections				
See Heading 8.	Exposure controls and pers	onal protect	ion.		
SECTION 7: I	Handling and storage				
7.1 Pred	cautions for safe handli	ng			
Precautions for	safe handling	:	Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour.		
7.2 Con	ditions for safe storage	, including a	any incompatibilities		
Storage condition	ons	:	Keep only in the original container in a cool, well ventilated place away from direct (sun)light. Keep container closed when not in use. Do not freeze.		

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Incompatible products Incompatible materials Storage temperature	After are m Conte : Stron	aintained and the produ nt cannot be resterilized g bases. Strong acids. es of ignition. Direct sun	the product can be used up to 7 days when sterile conditions cts are stored at 2-8°C. I after opening.	
7.3 Specific end use(s)				
See instructions for use delivered	d with the device.			
SECTION 8: Exposure cont	rols/personal protection	on		
8.1 Control parameters				
No additional information availa	ole.			
8.2 Exposure controls				
Appropriate engineering contro	ols : Handle exposu	•	ood industrial hygiene and safety. Avoid all unnecessary	
Personal protective equipment		ire. ire/flame resistant/retar	dant clothing.	
Skin protection	: Comple The typ	Complete suit protecting against chemicals, flame retardant antistatic protective clothing The type of protection must be selected according to the concentration and volume of the dangerous substance at the specific workplace.		
Hand protection	technic Dispos laborat The se	que (without touching gl e of contaminated glov cory practices. Wash and	s must be inspected prior to use. Use proper glove removal ove's outer surface) to avoid skin contact with this product. es after use in accordance with applicable laws and good dry hands. have to meet specifications of regulation EU 2016/425 and	
Eye/Face protection	: Face s	hield and safety glasses	. Use equipment for eye protection tested and approved standards such as NIOSH (US) or EN 166 (EU).	
Respiratory protection	approp (EN 14 sole m compo	oriate use a full-face res 387) respirator cartridge leans of protection, us	ere risk assessment shows air-purifying respirators are pirator with multi-purpose combination (US) or type ABEK s as a backup to engineering controls. If the respirator is the e a full-face supplied air respirator. Use respirators and red under appropriate government standards such as NIOSH	
Other information			ng use. Do not pipette liquid using a mouth pipette.	

SECTION 9: Physical and chemical properties

9.1 Information on basic physica	Information on basic physical and chemical properties		
Physical state	: Liquid		
Colour	: White/Yellow transparent liquid.		
Odour	: Odourless.		
Odour threshold	: No data available		
рН	: 7.3 – 7.9		
Relative evaporation rate (butylacetate=1)	: No data available		
Melting point	: No data available		
Freezing point	: No data available		
Boiling point	: No data available		
Flash point	: No data available		
Auto-ignition temperature	: No data available		
Decomposition temperature	: No data available		
Flammability (solid, gas)	: Non flammable.		
Vapour pressure	: No data available		
Relative vapour density at 20°C	: No data available		
Relativ density	: No data available		
Solubility	: Highly soluble in water.		
Partition coefficient n-octanol/water (Log Po	ow) : 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	: No data available		
9.2 Other information			

No additional information available.



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SECTION 10: Stability and reactivity				
10.1 Reactivity				
No additional information available.				
10.2 Chemical stability				
Stable after transport (max. 5 days) at elevated to	emperature (≤ 37°C). Stable for 12 months from date of manufacture.			
10.3 Possibility of hazardous reactions	5			
Not established.				
10.4 Conditions to avoid				
Direct sunlight. Extremely high or low temperatu	res.			
10.5 Incompatible materials				
Strong acids. Strong bases.				
10.6 Hazardous decomposition produc	cts			
Fume. Carbon monoxide. Carbon dioxide.				
SECTION 11: Toxicological information				
11.1 Information on toxicological effe	cts			
Acute toxicity (oral) Acute toxicity (dermal) Acute toxicity (inhalation) Skin corrosion/irritation Serious eye damage/irritation Respiratory or skin sensitisation Germ cell mutagenicity Carcinogenicity Reproductive toxicity Specific target organ toxicity (single exposure) Specific target organ toxicity (repeated exposure) Aspiration hazard Potential adverse human health effects and symptoms Other information	 Not classified Extensive data on Mouse Embryo Assay have demonstrated that the medium is not toxic. In addition, the product has been evaluated for its cytotoxicity potential by an independent test laboratory using a XTT cytotoxicity test according to the ISO 10993-5 guidelines. The medium was considered non-cytotoxic. Not classified Not class			

Route of exposure: Under normal conditions there is no exposure to the product.

SECTIO	ON 12: Ecological information		
12.1	Toxicity		
Not classified.			
12.2	Persistence and degradability		
GM501	L Hyaluronidase		
Persist	Persistence and degradability		Not established
Sodium Chloride (7647-14-5)			
Persistence and degradability		:	Not established
12.3 Bioaccumulative potential			
GM501	L Hyaluronidase		
Bioacc	Bioaccumulative potential		Not established
Sodiun	n Chloride (7647-14-5)		
Bioaccumulative potential		:	Not established
12.4	Mobility in soil		
No addi	No additional information available		



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12.5	Results of PBT and vPvB assessm	nent			
	dditional information available				
12.6	12.6 Other adverse effects				
	Avoid release to environment				
SECTIO	N 13: Disposal considerations				
13.1	Waste treatment methods				
	Packaging disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations.			
	- waste materials	: Avoid release to the environment.			
	IN 14: Transport information				
14.1	dance with ADR / RID / IMDG / IATA / AI	DN			
	lated for transport				
14.2	UN proper shipping name				
	hipping Name (ADR)	: Not applicable			
-	hipping Name (IMDG)	: Not applicable			
	hipping Name (IATA)	: Not applicable			
•	hipping Name (ADN) hipping Name (RID)	: Not applicable : Not applicable			
14.3	Transport hazard class(es)	· ·····			
	rt hazard class(es) (ADR)	: Not applicable			
	rt hazard class(es) (IMDG)	: Not applicable			
	rt hazard class(es) (IATA)	: Not applicable			
	rt hazard class(es) (ADN) rt hazard class(es) (RID)	: Not applicable : Not applicable			
14.4	Packing group	and the second se			
Packing	group (ADR)	: Not applicable			
	group (IMDG)	: Not applicable			
	group (IATA) group (ADN)	: Not applicable : Not applicable			
	group (RID)	: Not applicable			
14.5	Environmental hazards				
Dangero	us for the environment	: No			
Marine p	pollutant formation	: No			
		: No supplementary information available			
14.6 Not appl	Special precautions for user				
14.7		nnex II of Marpol and the IBC Code			
Not appl					
15.1	SECTION 15: Regulatory information				
15.1.1					
Contains no REACH substances with Annex XVII restrictions. Contains no substance on the REACH candidate list.					
Contains no REACH Annex XIV substances.					
	Contains no substance subject to REGULATION (EU) No 649/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012 concerning the export and import of hazardous chemicals.				
	Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent				
	pollutants.				
15.1.2 German	National regulations v				
Water ha	y azard class (WGK) us Incident Ordinance (12. BImSchV)	 WGK 2, Significantly hazardous to water (Classification according to AwSV, Annex 1) Is not subject of the Hazardous Incident Ordinance (12. BImSchV) 			
15.2	Chemical safety assessment				
	nical safety assessment has been carried	lout			

No chemical safety assessment has been carried out.

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SECTION 16: Other information				
Data sources	 REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labeling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006. 			
Other information	: None			
Full text of H- and EUH-statements:				
Eye Irrit. 2 H319		eye damage/eye irrit)_EU: Causes serious (, ,	

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.