

Safety Data Sheet – Mounting Medium

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

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

1.1	Product identifier				
	Product form:	Substance			
	Name:	Mounting medium			
	Product code:	PCN003			
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 substance/mixture:	Laboratory chemicals			
1.2.2	Uses advised against				
	No additional information available				
1.3	Details of the supplier of the safety data sheet				
	CytoCell Ltd, Oxford Gene Technology 418 Cambridge Science Park, Milton Road, Cambridge, CB4 0PZ. United Kingdom T: +44 (0) 1223 294048 F: +44 (0) 1223 294986 probes@cytoCell.com http://www.ogt.com				
1.4	Emergency telephone number				
	Country	Organisation/Company	Address	Emergency Number	Comment
	Ireland	National Poisons Information Centre, Beaumont Hospital	Beaumont Hospital Beaumont Road, 9 Dublin	+353 1 8379964	
	United Kingdom	National Poisons Information Service (NHS Direct)	www.npis.org	111 (England & Wales only) 112 (EU) 08454 24 24 24 (Scotland)	

SECTION 2: Hazards identification

2.1	Classification of the substance or mixture				
2.1.1	Classification according to Regulation (EC) No. 1272/2008 [CLP]				
	Not classified				
2.1.2	Adverse physicochemical, human health and environmental effects				
	To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.				
2.2	Label elements				
	Labelling according to Regulation (EC) No. 1272/2008 [CLP]				
	No labelling applicable				
2.3	Other hazards				
	No additional information available				

SECTION 3: Composition/information on ingredients

3.1	Substance			
	Name:	Mounting Medium PCN003		
	Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
	Glycerol	(CAS No) 56-81-5 (EC no) 200-289-5 (REACH-no) 01-2119471987-18-XXXX	>= 80	Not classified
	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: First-aid measures after skin contact: First-aid measures after eye contact: First-aid measures after ingestion:	Remove person to fresh air and keep comfortable for breathing. Wash skin with plenty of water. Rinse eyes with water as a precaution. Call a poison center or a doctor if you feel unwell.	
4.2	Most important symptoms and effects, both acute and delayed		
	No additional information available.		
4.3	Indication of any immediate medical attention and special treatment needed		
	Treat symptomatically.		

SECTION 5: Firefighting measures

5.1	Extinguishing media	
	Suitable extinguishing media:	Water spray. Dry powder. Foam. Carbon dioxide.
5.2	Special hazards arising from the substance or mixture	
	Hazardous decomposition products in case of fire:	Toxic fumes may be released.
5.3	Advice for firefighters	
	Protection during firefighting:	Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1	Personal precautions, protective equipment and emergency procedures	
6.1.1	For non-emergency personnel	
	Emergency procedures:	Ventilate spillage area.
6.1.2	For emergency responders	
	Protective equipment:	Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
6.2	Environmental precautions	
	Avoid release to the environment.	
6.3	Methods and material for containment and cleaning up	
	Methods for cleaning up: Other information:	Take up liquid spill into absorbent material. Dispose of materials or solid residues at an authorised site.
6.4	Reference to other sections	
	For further information refer to section 13.	

SECTION 7: Handling and storage

7.1	Precautions for safe handling	
	Precautions for safe handling:	Ensure good ventilation of the work station. Wear personal protective equipment.
	Hygiene measures:	Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
7.2	Conditions for safe storage, including any incompatibilities	
	Storage conditions:	Store in a well-ventilated place. Keep cool.
7.3	Specific end use(s)	
	No additional information available	

SECTION 8: Exposure controls/personal protection

8.1	Control parameters		
	glycerol (56-81-5)		
	Belgium	Local name	Glycérine (brouillard)
	Belgium	Limit value (mg/m ³)	10 mg/m ³ (Glycérine (brouillard); Belgium; Time-weighted average exposure limit 8 h)
	Croatia	Local name	Glicerol
	Croatia	GVI (granična vrijednost izloženosti) (mg/m ³)	10 mg/m ³
	Czech Republic	Local name	Glycerol, mlha
	Czech Republic	Expoziční limity (PEL) (mg/m ³)	10 mg/m ³
	Czech Republic	Expoziční limity (PEL) (ppm)	2,4 ppm
	Czech Republic	Expoziční limity (NPK-P) (mg/m ³)	15 mg/m ³
	Czech Republic	Expoziční limity (NPK-P) (ppm)	3,7 ppm
	Estonia	Local name	Glütseriin (glütserool, 1,2,3-propaantriool)
	Estonia	OEL TWA (mg/m ³)	10 mg/m ³
	Finland	Local name	Glyseroli
	Finland	HTP-arvo (8h) (mg/m ³)	20 mg/m ³
	France	Local name	Glycérine (aérosols de)
	France	VME (mg/m ³)	10 mg/m ³ (Glycérine (aérosols de); France; Time-weighted average exposure limit 8 h; VL: Valeur non réglementaire indicative)
	Greece	OEL TWA (mg/m ³)	10 mg/m ³
	Ireland	Local name	Glycerol, mist
	Ireland	OEL (8 hours ref) (mg/m ³)	10 mg/m ³
	Poland	Local name	Glicerol aerozole
	Poland	NDS (mg/m ³)	10 mg/m ³
	Portugal	Local name	Glicerina, névoas
	Portugal	OEL TWA (mg/m ³)	10 mg/m ³
	Spain	Local name	Glicerina
	Spain	VLA-ED (mg/m ³)	10 mg/m ³ nieblas
	United Kingdom	Local name	Glycerol
	United Kingdom	WEL TWA (mg/m ³)	10 mg/m ³ Glycerol, mist; United Kingdom; Time-weighted average exposure limit 8 h; Workplace exposure limit (EH40/2005)
	Switzerland	Local name	Glycérine
	Switzerland	VME (mg/m ³)	50 mg/m ³
	Switzerland	VLE (mg/m ³)	100 mg/m ³
	Switzerland	Remark (CH)	4x15
	Australia	Local name	Glycerin mist
	Australia	TWA (mg/m ³)	10 mg/m ³
	Australia	Remark (AU)	(a)
	USA - ACGIH	Local name	Glycerin mist
	USA - ACGIH	Remark (ACGIH)	URT irr

<p>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:</p>	<p>Not classified Not classified Not classified Not classified Not classified Not classified Not classified Not classified</p>
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SECTION 12: Ecological information

12.1	Toxicity	
	Ecology - general:	The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
	glycerol (56-81-5)	
	LC50 fish 1	54000 mg/l (LC50; 96 h; Salmo gairdneri; Static system; Fresh water)
	EC50 Daphnia 1	> 10000 mg/l (EC50; 24 h; Daphnia magna; Static system; Fresh water)
	Threshold limit algae 1	> 10000 mg/l (EC0; 8 days; Scenedesmus quadricauda; Static system; Fresh water)
12.2	Persistence and degradability	
	glycerol (56-81-5)	
	Persistence and degradability	Readily biodegradable in water.
	Biochemical oxygen demand (BOD)	0,87 g O ₂ /g substance
	Chemical oxygen demand (COD)	1,16 g O ₂ /g substance
	ThOD	1,217 g O ₂ /g substance
	BOD (% of ThOD)	0,71
12.3	Bioaccumulative potential	
	glycerol (56-81-5)	
	Log Pow	-1,75 (Experimental value; Equivalent or similar to OECD 107)
	Bioaccumulative potential	Bioaccumulation: Not applicable.
12.4	Mobility in soil	
	glycerol (56-81-5)	
	Surface tension	0,0634 N/m (20 °C; 1000 g/l)
12.5	Results of PBT and vPvB assessment	
	No additional information available.	
12.6	Other adverse effects	
	No additional information available.	

SECTION 13: Disposal considerations

13.1	Waste treatment methods	
	Waste treatment methods: Waste disposal recommendations:	Dispose of contents/container in accordance with licensed collector's sorting instructions. Avoid release to the environment.

SECTION 14: Transport information

	In accordance with ADR / RID / IMDG / IATA / ADN				
	ADR	IMDG	IATA	ADN	RID
14.1	UN number				
	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2	UN proper shipping name				
	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

14.3	Transport hazard class(es)				
	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4	Packing group				
	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5	Environmental hazards				
	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
	No supplementary information available				
14.6	Special precautions for user				
	Overland transport				
	Not applicable				
	Transport by sea				
	Not applicable				
	Air transport				
	Not applicable				
	Inland waterway transport				
	Not applicable				
	Rail transport				
	Not applicable				
14.7	Transport in bulk according to Annex II of MARPOL 73/78 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				
	No REACH Annex XVII restrictions. Mounting Medium PCN003 is not on the REACH Candidate List. Mounting Medium PCN003 is not on the REACH Annex XIV List.				
15.1.2	National regulations				
	Germany				
	12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV:	Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)			
	Netherlands				
	SZW-lijst van kankerverwekkende stoffen: SZW-lijst van mutagene stoffen: NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding: NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid: NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling:	The substance is not listed The substance is not listed The substance is not listed The substance is not listed The substance is not listed			
15.2	Chemical safety assessment				
	No chemical safety assessment has been carried out				

SECTION 16: Other information

SDS EU_NSC

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.