

Safety Data Sheet – SSC 20X

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:	Mixture			
	Name:	SSC 20X			
	Product code:	PCA003			
1.2	Relevant identified uses of the substance or mixture and uses advised against				
1.2.1	Relevant identified uses				
	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				
	Not applicable				

3.2	Mixture			
	Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
	Sodium chloride Substance with national workplace exposure limit(s) (LT, LV)	(CAS No) 7647-14-5 (EC no) 231-598-3 (REACH-no) 01-2119485491-33-XXXX	15 - 30	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		
	sodium chloride (7647-14-5)		
	Latvia	Local name	Nātrijahlorīds
	Latvia	OEL TWA (mg/m ³)	5 mg/m ³
	Lithuania	Local name	Natrio chloridas
	Lithuania	IPRV (mg/m ³)	5 mg/m ³
8.2	Exposure controls		
	Appropriate engineering controls:	Ensure good ventilation of the work station.	
	Hand protection:	Protective gloves.	
	Eye protection:	Safety glasses.	
	Skin and body protection:	Wear suitable protective clothing.	
	Respiratory protection:	In case of insufficient ventilation, wear suitable respiratory equipment.	
	Environmental exposure controls:	Avoid release to the environment.	

SECTION 9: Physical and chemical properties

9.1	Information on basic physical and chemical properties	
	Physical state:	Liquid
	Appearance:	Colourless liquid
	Colour:	Colourless
	Odour:	Odourless
	Odour threshold:	No data available
	pH:	No data available
	Relative evaporation rate (butylacetate=1):	No data available
	Melting point:	Not applicable
	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):	Not applicable
	Vapour pressure:	No data available
	Relative vapour density at 20°C:	No data available
	Relative density:	No data available
	Solubility:	No data available
	Log Pow:	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

SECTION 10: Stability and reactivity

10.1	Reactivity
	The product is non-reactive under normal conditions of use, storage and transport.
10.2	Chemical stability
	Stable under normal conditions.
10.3	Possibility of hazardous reactions
	No dangerous reactions known under normal conditions of use..
10.4	Conditions to avoid
	None under recommended storage and handling conditions (see section 7).
10.5	Incompatible materials
	No additional information available
10.6	Hazardous decomposition products
	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1	Information on toxicological effects	
	Acute toxicity:	Not classified
	sodium chloride (7647-14-5)	
	LD50 oral rat	3000 mg/kg (Rat; Experimental value; 3550 mg/kg bodyweight; Rat; Experimental value)
	LD50 dermal rabbit	> 10000 mg/kg (Rabbit; Experimental value)
	Skin corrosion/irritation:	Not classified
	Serious eye damage/irritation:	Not classified
	Respiratory or skin sensitisation:	Not classified
	Germ cell mutagenicity:	Not classified
	Carcinogenicity:	Not classified
	Reproductive toxicity:	Not classified
	Specific target organ toxicity (single exposure):	Not classified
	Specific target organ toxicity (repeated exposure):	Not classified
	Aspiration hazard:	Not classified

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.
	sodium chloride (7647-14-5)	
	LC50 fish 2	5840 mg/l (LC50; ASTM; 96 h; Lepomis macrochirus; Flow-through system; Fresh water; Experimental value)
	Threshold limit algae 2	2430 mg/l (EC50; OECD 201: Alga, Growth Inhibition Test; 120 h; Algae; Static system; Fresh water; Experimental value)
12.2	Persistence and degradability	
	sodium chloride (7647-14-5)	
	Persistence and degradability	Biodegradability: Not applicable. No (test)data available on mobility of the substance.
	Biochemical oxygen demand (BOD)	Not applicable
	Chemical oxygen demand (COD)	Not applicable
	ThOD	Not applicable

12.3	Bioaccumulative potential	
	sodium chloride (7647-14-5)	
	Log Pow	-3,0 (Calculated)
	Bioaccumulative potential	Low bioaccumulation potential (Log Kow < 4).
12.4	Mobility in soil	
	No additional information available	
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	
	<p>Contains no REACH substances with Annex XVII restrictions Contains no substance on the REACH candidate list Contains no REACH Annex XIV substances</p>	
15.1.2	National regulations	
	Germany	
	VwVwS Annex reference:	Water hazard class (WGK) 1, low hazard to waters (Classification according to VwVwS, Annex 4)
	12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV:	Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)
	Netherlands	
	<p>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:</p>	<p>None of the components are listed None of the components are listed None of the components are listed None of the components are listed None of the components are listed</p>
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.