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TRIS Buffer salt

Safety Data Sheet

according to Regulation (EU) 2015/830 Date of issue: 28/11/2013 Revision dat

Revision date: 14/02/2018

Supersedes: 10/08/2016

Version: 1.3

141-3	Date of issue: 28/11/2013	Revision date: 14/02/2018	Supersedes: 10/08/2016	Version: 1.3
SECTION 1: Identification o	f the substance/mixtur	and of the company	/undertaking	
1.1. Product identifier				
Product form	: Mixture			
Product name	: TRIS Buffer sa	alt		
Product code	: B-TRIS500			
	. 5 1140000			
1.2. Relevant identified uses	of the substance or mixture	and uses advised against		
1.2.1. Relevant identified uses				
Industrial/Professional use spec	: For profession	al use only		
Use of the substance/mixture	: Use as laborat	tory reagent		
1.2.2. Uses advised against				
No additional information available				
1.3. Details of the supplier of	the safety data sheet			
Megazyme				
Bray Business Park A98 YV29 Bray - Ireland				
T +353 12861220 - F +353 1286126				
cs@megazyme.com - www.megazyn	<u>ne.com</u>			
1.4. Emergency telephone nu	ımber			
Emergency number	: +353 1286122	0 [9 am to 5 pm GMT - Mond	ay to Friday]	
SECTION 2: Hazards identit	ication			
2.1. Classification of the sub	stance or mixture			
Classification according to Regula	ation (EC) No. 1272/2008 [CL	Pl		
Not classified				
Adverse physicochemical, human	health and environmental e	ffects		
To our knowledge, this product does practice.			ordance with good occupation	al hygiene and safety
2.2. Label elements				
Labelling according to Regulation	(EC) No. 1272/2008 [CLP]			
No labelling applicable				
0 11				
2.3. Other hazards				
No additional information available				
SECTION 3: Composition/ir	formation on ingredie	nts		
3.1. Substances				
Not applicable				
3.2. Mixtures				
-				
This mixture does not contain any su	ibstances to be mentioned acc	cording to the criteria of section	n 3.2 of REACH annex II	
SECTION 4: First aid measu	ures			
4.1. Description of first aid m	easures			
First-aid measures after inhalation	•	on to fresh air and keep comfo	rtable for breathing.	
First-aid measures after skin contact				
First-aid measures after eve contact	· Rinse eves wit	th water as a precaution		

 First-aid measures after eye contact
 : Rinse eyes with water as a precaution.

 First-aid measures after ingestion
 : 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 syn	mptomatically.	
07/06/2018	18 EN (English)	1/5

Safety Data Sheet

according to Regulation (EU) 2015/830

SECT	SECTION 5: Firefighting measures				
5.1.	Extinguishing media				
Suitabl	e extinguishing media	: Water spray. Dry powder. Foam.			
5.2.	Special hazards arising from the su	ibstance or mixture			
Hazaro fire	lous decomposition products in case of	: Toxic fumes may be released.			
5.3.	Advice for firefighters				
Protec	tion during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.			

SECTI	ON 6: Accidental release meas	ures
6.1.	Personal precautions, protective equ	ipment and emergency procedures
6.1.1.	For non-emergency personnel	
Emerger	ncy procedures	: Ventilate spillage area.
6.1.2.	For emergency responders	
Protectiv	e 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 re	ease to the environment.	
6.3.	Methods and material for containmer	nt and cleaning up
Methods	for cleaning up	: Mechanically recover the product.
Other inf	ormation	: Dispose of materials or solid residues at an authorized site.
6.4.	Reference to other sections	
For furth	er information refer to section 13.	
SECTI	ON 7: Handling and storage	
7.1.	Precautions for safe handling	
Precauti	ons 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	g any incompatibilities
Storage	conditions	: Store in a well-ventilated place. Keep cool.
7.3.	Specific end use(s)	
No addit	ional information available	
SECTI	ON 8: Exposure controls/perso	nal protection
8.1.	Control parameters	
No addit	ional information available	

8.2. Exposure controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

Hand protection:

Protective gloves

Туре	Material	Permeation	Thickness (mm)	Penetration	Standard
Disposable gloves	Nitrile rubber (NBR)	3 (> 60 minutes)		2 (< 1.5)	EN 374-2

Eye protection:

Safety glasses

Туре	Use	Characteristics	Standard
Safety glasses	Dust	With side shields	EN 166

Skin and body protection:

Wear suitable protective clothing

Safety Data Sheet

according to Regulation (EU) 2015/830

Туре	Standard
Lab coat	

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

Device	Filter type	Condition	Standard
Dust mask	Туре Р1	Protection for Solid particles	EN 143, EN 149



Environmental exposure controls:

Avoid release to the environment.

9.1. Information on basic physical and	d chemical properties
Physical state	: Solid
Colour	: White to light yellow.
Odour	: None.
Odour threshold	: No data available
рН	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: Not applicable
Boiling point	: No data available
Flash point	: Not applicable
Auto-ignition temperature	: Not applicable
Decomposition temperature	: No data available
Flammability (solid, gas)	: Non flammable.
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: Not applicable
Solubility	: Soluble in water.
Log Pow	: No data available
Viscosity, kinematic	: Not applicable
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: Not applicable
9.2. Other information	
No additional information available	
SECTION 10: Stability and reactivi	

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2.	Chemical stability
Stable ur	ider normal conditions.
10.3.	Possibility of hazardous reactions
No dange	erous reactions known under normal conditions of use.
10.4.	Conditions to avoid
None und	ler recommended storage and handling conditions (see section 7).
10.5.	Incompatible materials
No additi	onal information available

Safety Data Sheet

according to Regulation (EU) 2015/830

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. Information on toxicological effects Acute toxicity (ortani) i. Not classified Acute toxicity (ortani) i. Not classified Stin corrosion/initiation i. Not classified Secous are damage/initiation i. Not classified Respiratory or skin sensitisation i. Not classified Gammelinity in Not classified i. Not classified Carcinogenicity i. Not classified Reproductive toxicity i. Not classified STOT-single exposure i. Not classified StoTor-spice exposure i. Not classified StoTorespice exposure i. Not classified StoTorespice exposure i. Not classified Stotaditoxicity <td< th=""><th colspan="5">Under normal conditions of storage and use, hazardous decomposition products should not be produced.</th></td<>	Under normal conditions of storage and use, hazardous decomposition products should not be produced.				
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UN proper shipping name Not applicable 14.2. UN proper shipping name Not applicable 14.3. Transport hazard class(es)			Not applicable		
Not applicable Not applicable 14.3. Transport hazard class(es)					
14.3. Transport hazard class(es)			Not applicable		
	Not applicable		Not applicable		
	Not applicable		Not applicable		
Not applicable Not applicable	Not applicable		Not applicable		

No supplementary information available

Safety Data Sheet

according to Regulation (EU) 2015/830

14.6. Special precautions for user

- Overland transport

Not applicable

- Air transport

Not applicable

14.7. Transport in bulk according to Annex II of Marpol 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

Contains no REACH substances with Annex XVII restrictions Contains no substance on the REACH candidate list Contains no REACH Annex XIV substances

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

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.