SIGMA-ALDRICH

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 Version 6.1 Revision Date 02.01.2017 Print Date 15.07.2019 GENERIC EU MSDS - NO COUNTRY SPECIFIC DATA - NO OEL DATA

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

1.1	Product identifiers Product name :	CHAPS, Molecular Biology Grade - CAS 75621-03- 3 - Calbiochem			
	Product Number : Brand : REACH No. :	220201 Millipore 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				
	Identified uses :	Laboratory chemicals, Manufacture of substances			
1.3	3 Details of the supplier of the safety data sheet				
	Company :	Sigma-Aldrich Inc. 3050 Spruce Street ST. LOUIS MO 63103 UNITED STATES			
	Telephone : Fax :	+1 314 771-5765 +1 800 325-5052			
1.4	Emergency telephone number				
	Emergency Phone # :	+1-703-527-3887			

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

2.2 Label elements

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

2.3 Other hazards - none

SECTION 3: Composition/information on ingredients

SECTION 4: First aid measures

- 4.1 Description of first aid measures No data available
- **4.2** Most important symptoms and effects, both acute and delayed The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11
- **4.3 Indication of any immediate medical attention and special treatment needed** No data available

SECTION 5: Firefighting measures

- 5.1 Extinguishing media No data available
- 5.2 Special hazards arising from the substance or mixture No data available
- 5.3 Advice for firefighters No data available
- 5.4 Further information No data available

SECTION 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures For personal protection see section 8.
- 6.2 **Environmental precautions** No data available
- 6.3 Methods and materials for containment and cleaning up No data available
- 6.4 Reference to other sections For disposal see section 13.

SECTION 7: Handling and storage

- 7.1 Precautions for safe handling For precautions see section 2.2.
- 7.2 Conditions for safe storage, including any incompatibilities No data available
- 7.3 Specific end use(s) Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

SECTION 8: Exposure controls/personal protection

- 8.1 **Control parameters**
- 8.2 **Exposure controls** No data available

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- a) Appearance No data available b) Odour No data available c) Odour Threshold No data available d) pН No data available Melting point/freezing No data available e) point Initial boiling point and No data available f) boiling range g) Flash point No data available
- Evaporation rate No data available h)
- i) Flammability (solid, gas) No data available

	j)	Upper/lower flammability or explosive limits	No data available				
	k)	Vapour pressure	No data available				
	I)	Vapour density	No data available				
	m)	Relative density	No data available				
	n)	Water solubility	No data available				
	o)	Partition coefficient: n- octanol/water	No data available				
	p)	Auto-ignition temperature	No data available				
	q)	Decomposition temperature	No data available				
	r)	Viscosity	No data available				
	s)	Explosive properties	No data available				
	t)	Oxidizing properties	No data available				
9.2	Other safety information No data available						
SECT	ION	10: Stability and reactive	vity				
10.1	Reactivity No data available						
10.2	Chemical stability No data available						
10.3	Possibility of hazardous reactions No data available						
10.4	Conditions to avoid No data available						
10.5	Incompatible materials No data available						
10.6	Hazardous decomposition products In the event of fire: see section 5						
SECTION 11: Toxicological information							
11.1	Infe	ormation on toxicologic	al effects				
	Acute toxicity						
	Skin corrosion/irritation						

Skin corrosion/irritation

Serious eye damage/eye 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

Additional Information

RTECS: Not available

SECTION 12: Ecological information

- 12.1 Toxicity
- 12.2 Persistence and degradability
- 12.3 Bioaccumulative potential
- 12.4 Mobility in soil
- 12.5 Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted
- 12.6 Other adverse effects

SECTION 13: Disposal considerations

13.1 Waste treatment methods No data available

SECTION 14: Transport information

14.1	UN numbe ADR/RID:	-	IMDG: -	IATA: -	
14.2	UN proper ADR/RID: IMDG: IATA:	shipping name Not dangerous goods Not dangerous goods Not dangerous goods			
14.3	Transport hazard class(es) ADR/RID: -		IMDG: -	IATA: -	
14.4	Packaging group ADR/RID: -		IMDG: -	IATA: -	
14.5	Environmental hazards ADR/RID: no		IMDG Marine pollutant: no	IATA: no	
14.6	Special precautions for user				

No data available

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.2 Chemical safety assessment For this product a chemical safety assessment was not carried out

SECTION 16: Other information