

A CENTRAL GLA3-[(3-CHOLAMIDOPROPYL)DIMETHYLAMMONIO]-2-HYDROXY-1-PROPANESULPHONATE (ULTRAPURE) >99.0%

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Revision No: 2

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

1.1. Product identifier

Product name: 3-[(3-CHOLAMIDOPROPYL)DIMETHYLAMMONIO]-2-HYDROXY-1-PROPANESULPHONATE (ULTRAPURE) >99.0%

CAS number: 82473-24-3

Product code: BIC0121

Synonyms: CHAPSO

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.3. Details of the supplier of the safety data sheet

Company name: Apollo Scientific Ltd

	Units 3 & 4
	Parkway
	Denton
	Manchester
	M34 3SG
	UK
Tel:	0161 337 9971
Fax:	0161 336 6932
Email:	david.tideswell@apolloscientific.co.uk

1.4. Emergency telephone number

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CHIP:	Xi: R36/37/38
Classification under CLP:	STOT SE 3: H335; Eye Irrit. 2: H319; Skin Irrit. 2: H315
Most important adverse effects:	Irritating to eyes, respiratory system and skin.

2.2. Label elements

Label elements under CLP:

Hazard statements: H315: Causes skin irritation.

H319: Causes serious eye irritation.

H335: May cause respiratory irritation.

Signal words: Warning

Hazard pictograms: GHS07: Exclamation mark



3-[(3-CHOLAMIDOPROPYL)DIMETHYLAMMONIO]-2-HYDROXY-1-PROPANESULPHONATE (ULTRAPURE) >99.0%

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Precautionary statements:	P261: Avoid breathing dust.		
	P271: Use only outdoors or in a well-ventilated area.		
	P280: Wear protective gloves/protective clothing/eye protection/face protection.		
Label elements under CHIP:			
Hazard symbols:	Irritant.		
	×		
Risk phrases:	R36/37/38: Irritating to eyes, respiratory system and skin.		
Safety phrases:	S22: Do not breathe dust.		
	S36/37/39: Wear suitable protective clothing, gloves and eye / face protection.		
	S45: In case of accident or if you feel unwell, seek medical advice immediately (show		
	the label where possible).		
2.3. Other hazards			
PBT:	This substance is not identified as a PBT substance.		
Section 3: Composition/inform	nation on ingredients		

3.1. Substances

Chemical identity: 3-[(3-CHOLAMIDOPROPYL)DIMETHYLAMMONIO]-2-HYDROXY-1-

PROPANESULPHONATE (ULTRAPURE) >99.0%

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Wash out mouth with water. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

4.2. Most important symptoms and effects, both acute and delayed

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

4.3. Indication of any immediate medical attention and special treatment needed

Section 5: Fire-fighting measures

3-[(3-CHOLAMIDOPROPYL)DIMETHYLAMMONIO]-2-HYDROXY-1-PROPANESULPHONATE (ULTRAPURE) >99.0%

		Page:
5.1. Extinguishing media		
Extinguishing media:	Carbon dioxide, dry chemical powder, foam. Suitable extinguishing media for the	
	surrounding fire should be used.	
5.2. Special hazards arising fro	om the substance or mixture	
Exposure hazards:	In combustion emits toxic fumes. Carbon oxides. Nitrogen oxides (NOx). Sulphur oxides	
	(SOx).	
5.3. Advice for fire-fighters		
Advice for fire-fighters:	Wear self-contained breathing apparatus. Wear protective clothing to prevent contact	
	with skin and eyes.	
ection 6: Accidental release	neasures	
6.1. Personal precautions, pro	tective equipment and emergency procedures	
Personal precautions:	Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the	
	contaminated area with signs and prevent access to unauthorised personnel. Do not	
6.2 Environmental pressution	create dust.	
6.2. Environmental precaution		
	Do not discharge into drains or rivers.	
6.3. Methods and material for o	containment and cleaning up	
Clean-up procedures:	Transfer to a closable, labelled salvage container for disposal by an appropriate	
	method.	
6.4. Reference to other section	IS	
ection 7: Handling and stora	ge	
7.1. Precautions for safe hand	ing	
Handling requirements:	Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area.	
3 - 1	Do not handle in a confined space. Avoid the formation or spread of dust in the air. Only	
	use in fume hood.	
7.2. Conditions for safe storag	e, including any incompatibilities	
Storage conditions:	Store in cool, well ventilated area. Keep container tightly closed.	
-	Must only be kept in original packaging.	
7.3. Specific end use(s)	,	
Specific end use(s):	ואט טמומ מעמוומסופ.	

Section 8: Exposure controls/personal protection

3-[(3-CHOLAMIDOPROPYL)DIMETHYLAMMONIO]-2-HYDROXY-1-PROPANESULPHONATE (ULTRAPURE) >99.0%

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8.1. Control parameters

Workplace exposure limits: Not applicable.

8.2. Exposure controls

Engineering measures:Ensure there is sufficient ventilation of the area.Respiratory protection:Self-contained breathing apparatus must be available in case of emergency. Respiratory
protective device with particle filter.Hand protection:Protective gloves.Eye protection:Safety glasses. Ensure eye bath is to hand.Skin protection:Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Powder

Colour: White

Melting point/range °C: 184-186

9.2. Other information

Other information: Not applicable.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes of carbon dioxide / carbon monoxide. Nitrogen oxides

(NOx). Sulphur oxides (SOx)

Section 11: Toxicological information

11.1. Information on toxicological effects

3-[(3-CHOLAMIDOPROPYL)DIMETHYLAMMONIO]-2-HYDROXY-1-PROPANESULPHONATE (ULTRAPURE) >99.0%

Relevant hazards for substance:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Based on test data
Serious eye damage/irritation	OPT	Based on test data
STOT-single exposure	INH	Based on test data

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: Not applicable.

12.2. Persistence and degradability

Persistence and degradability: No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil

Mobility: No data available.

12.5. Results of PBT and vPvB assessment

PBT identification: This substance is not identified as a PBT substance.

12.6. Other adverse effects

Other adverse effects: No data available.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations:	MATERIAL SHOULD BE DISPOSED OF IN ACCORDANCE WITH LOCAL, STATE AND
	FEDERAL REGULATIONS
Disposal of packaging:	Dispose of as special waste in compliance with local and national regulations Observe
	all federal, state and local environmental regulations.
NB:	The user's attention is drawn to the possible existence of regional or national
	regulations regarding disposal.

Section 14: Transport information

3-[(3-CHOLAMIDOPROPYL)DIMETHYLAMMONIO]-2-HYDROXY-1-PROPANESULPHONATE (ULTRAPURE) >99.0%

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