

SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

PRODUCT IDENTIFIER

Product Name	BTMS 25
Other Names	Cetearyl Alcohol and Behentrimonium Methosulfate Chemical Nature: Quaternary Ammonium Compound in fatty alcohol
Recommended Use	Cosmetic ingredient


DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

Registered distributor company name	Pure Ingredients Ltd	Pure Nature
Address	626A Rosebank Road, Avondale 1026	626A Rosebank Road, Avondale 1026
Telephone	+64 9 813 5619	+64 9 813 9412
Website	www.pureingredients.co.nz	www.purenature.co.nz
Email	compliance@pureingredients.co.nz	info@purenature.co.nz

EMERGENCY TELEPHONE NUMBER

Association / Organisation	0800 CHEMCALL / 0800 243 622 (24hr)
Emergency telephone numbers	111
Other emergency telephone numbers	0800 764 766

SECTION 2 HAZARDS IDENTIFICATION

GHS / HSNO Hazard Classification	Skin corrosion/irritation, Category 2 Serious eye damage/eye irritation, Category 1 Specific target organ toxicity — Repeated exposure, Category 2 Hazardous to the aquatic environment — Chronic Hazard, Category 1	6.3A 8.3A 6.9B 9.1A
HSNO Approval Number	HSR002552	
Hazard Nature	This product is classified as HAZARDOUS under HSNO criteria	
Pictogram(s)		
Signal Word	DANGER	
Hazard Statement(s)	H315 - Causes skin irritation. H318 - Causes serious eye damage. H373 - May cause damage to organs through prolonged or repeated exposure. H410 - Very toxic to aquatic life with long lasting effects.	
Prevention Statements(s)	P260 - Do not breathe dust/fume/gas/mist/vapours/spray. P264 - Wash hands, forearms and face thoroughly after handling. P273 - Avoid release to the environment. P280 - Wear protective gloves/protective clothing/eye protection/face protection.	
Response Statement(s)	P302+P352 - IF ON SKIN: Wash with plenty of water P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 - Immediately call a POISON CENTER/doctor. P314 - Get medical advice/attention if you feel unwell. P321 - Specific treatment (see supplemental first aid instruction on this label). P332+P313 - If skin irritation occurs: Get medical advice/attention. P391 - Collect spillage.	
Storage Statement(s)	Nil	
Disposal Statement(s)	P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.	

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Ingredient	CAS No.	% [weight/volume]
Cetearyl alcohol	67762-27-0	70-80
1-Docosanaminium, N,N,N-trimethyl-, methyl sulfate	81646-13-1	> 20 - < 30

SECTION 4 FIRST AID MEASURES

NZ Poisons Centre 0800 POISON (0800 764 766) | NZ Emergency Services: 111

General Advice	Get medical advice/attention if you feel unwell. Treat symptomatically.
Skin contact	Wash immediately with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.

SECTION 4 FIRST AID MEASURES

NZ Poisons Centre 0800 POISON (0800 764 766) | NZ Emergency Services: 111

Eye contact	Immediately rinse with plenty of water (for at least 15 minutes). If eye irritation persists: Get medical advice/attention.
Ingestion	Rinse mouth out with water. Induce vomiting. Get medical advice/attention.
Inhalation	Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention.

SECTION 5 FIREFIGHTING MEASURES

Suitable extinguishing media	Foam. Dry chemical. Water spray. Carbon dioxide (CO2).
Hazards from combustion products	No additional information available
Precautions for fire fighters and special protective equipment	Cool down the containers exposed to heat with a water spray. Keep upwind. Wear full Firefighting turn-out gear (full bunker gear). Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
EAC code	2Z - 2Z

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	<p>For non-emergency personnel: Wear recommended personal protective equipment. Ventilate spillage area. Do not breathe vapors, mist or gas. Avoid contact with skin and eyes.</p> <p>For emergency responders: Do not attempt to take action without suitable protective equipment. Evacuate personnel to a safe area.</p>
Environmental precautions	Avoid release to the environment. Do not allow to enter drains or water courses. Notify authorities if product enters sewers or public waters.
Methods and material for containment and cleaning up	<p>Dike for large spills. Prevent the product from entering drains or confined areas. Use approved industrial vacuum cleaner for removal. Ensure adequate ventilation. Collect spillage.</p> <p>Absorb spilled material with sand or earth. Dispose in a safe manner in accordance with local/national regulations.</p>

SECTION 7 HANDLING AND STORAGE

Precautions for safe handling	Ensure good ventilation of the workstation. Avoid breathing (dust, vapor, mist, gas). Avoid contact with skin and eyes. Avoid dust formation. Certified handler is not required for this product.
Hygiene measures	Handle in accordance with good industrial hygiene and safety procedures. Always wash hands after handling the product. Take off immediately all contaminated clothing and wash it before reuse. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.
Conditions for safe storage	Keep cool. Store in tightly closed containers.
Incompatible materials	Strong oxidizing agents.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters	No additional information.
Exposure controls – Engineering controls	No additional information.
Individual protection measures	<p>Hand protection: Protective gloves</p> <p>Eye protection: Safety glasses with side shields</p> <p>Skin & body protection: Wear suitable protective clothing. Impervious clothing</p> <p>Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment</p> <p>Environmental exposure controls: Avoid release to the environment.</p> <p>Consumer exposure controls: Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Avoid contact with skin, eyes and clothing. Do not inhale vapour, aerosols, mist. Observe the usual precautions for handling chemicals. Take off contaminated clothing and wash it before reuse. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.</p>

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Physical state	-	Solid	Melting point / Freezing point	°C	55-65 °C
Odour	-	Characteristic	Solubility		Water: dispersible
Colour	-	White to off-white	Specific Gravity		< 1
pH (1% isopropanol soln @ 25°C)		6 – 7 (@25°C)			

SECTION 10 STABILITY AND REACTIVITY

Reactivity	The product is non-reactive under normal conditions of use, storage and transport.
Chemical stability	Hazardous polymerization will not occur.
Possibility of hazardous reactions	No dangerous reactions known under normal conditions of use.
Conditions to avoid	None under recommended storage and handling conditions.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	Carbon oxides (CO, CO ₂). Nitrogen oxides. sulfur oxides.

SECTION 11 TOXICOLOGICAL INFORMATION

Acute toxicity	Not classified
LD 50 oral rat	>5 g/kg
Skin corrosion/irritation	Causes skin irritation. pH: 6 – 9 (@25°C)
Serious eye damage/irritation	Causes serious eye damage.
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.




SECTION 12 ECOLOGICAL INFORMATION

Ecology - general	Very toxic to aquatic life with long lasting effects.
Persistence and degradability	No additional information available.
Bioaccumulative potential	No additional information available.
Mobility in soil	No additional information available.

SECTION 13 DISPOSAL CONSIDERATION

Disposal Methods	Dispose of contents/container in accordance with licensed collector's sorting instructions. Take up mechanically (sweeping, shovelling) and collect in suitable container for disposal. Dispose in a safe manner in accordance with local/national regulations.
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SECTION 14 TRANSPORT INFORMATION

	Land Transport (ADR/RID)	Sea Transport (IMDG)	Air Transport (IATA/ICAO)
UN number	3077	3077	3077
UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (1-Docosanaminium, N,N,N-trimethyl-, methyl sulfate)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (1-Docosanaminium, N,N,N-trimethyl-, methyl sulfate)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (1-Docosanaminium, N,N,N-trimethyl-, methyl sulfate)
Transport hazard class(es)	9 	9 	9 
Packing group	III	III	III
Environmental hazards	Dangerous for the environment : Yes	Dangerous for the environment : Yes Marine pollutant : Yes	Dangerous for the environment : Yes
UN RTDG (NZS 5433:2012)			
Special provisions (UN RTDG)		274, 331, 335, 375	
Limited quantities (UN RTDG)		5 kg	
Excepted quantities (UN RTDG)		E1	
Packing instruction (UN RTDG)		P002, IBC08, LP02	
Special packing provisions (UN RTDG)		PP12, B3	
Portable tank and bulk container special instructions (UN RTDG)		T1, BK2, BK3	
Portable tank and bulk container special provisions (UN RTDG)		TP33	
IMDG			
Special provisions (IMDG)		274, 335, 966, 967, 969	
Limited quantities (IMDG)		5 kg	
Excepted quantities (IMDG)		E1	
Packing instructions (IMDG)		LP02, P002	
Special packing provisions (IMDG)		PP12	
IBC packing instructions (IMDG)		IBC08	
IBC special provisions (IMDG)		B3	
Tank instructions (IMDG)		BK1, BK2, BK3, T1	
Tank special provisions (IMDG)			
EmS-No. (Fire)		TP33	
EmS-No. (Spillage)		F-A - FIRE SCHEDULE Alfa - GENERAL FIRE SCHEDULE	
Stowage category (IMDG)		S-F - SPILLAGE SCHEDULE Foxtrot - WATER-SOLUBLE MARINE POLLUTANTS : A	
IATA			

SECTION 14 TRANSPORT INFORMATION

PCA Excepted quantities (IATA)	E1
PCA Limited quantities (IATA)	Y956
PCA limited quantity max net quantity (IATA)	30kgG
PCA packing instructions (IATA)	956
PCA max net quantity (IATA)	400kg
CAO packing instructions (IATA)	956
CAO max net quantity (IATA)	400kg
Special provisions (IATA)	A97, A158, A179, A197
ERG code (IATA)	9L
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable
EAC Code	2X

SECTION 15 REGULATORY INFORMATION

HSNOC (New Zealand Inventory of Chemicals): All hazardous components are listed on the New Zealand Inventory of Chemicals.

HSNO Approval Number: **HSR002552**
 Group Standard: Cosmetic products

Cetearyl alcohol (67762-27-0): HSNO Approval Number **HSR003485**

SECTION 16 OTHER INFORMATION

The information contained in this Safety Data Sheet is obtained from current and reliable sources. Pure Ingredients Ltd provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This Safety Data Sheet summarises our best current knowledge of the health and safety hazard information of the product but does not claim to be all inclusive. This document is intended only as a guide to the appropriate handling of this material.

Reference: supplier's SDS.

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