

SECTION 1: Identification

1.1 Product identifier

Product name : ANISTEL UNFRAGRANCED
Product form : Mixture
Product code : TR403

1.2 Other means of identification

No additional information available

1.3 Recommended use of the chemical and restrictions on use

Restrictions on use : Uses other than the intended use of the product.

1.4 Details of manufacturer or importer

Manufacturer

Tristel Solutions Limited
Unit 1B Lynx Business Park
Fordham Road
Newmarket
Cambridgeshire CB8 7NY
United Kingdom
T +44 (0) 1638 721500
SDS@tristel.com

Supplier

Tristel New Zealand Ltd.
23
Birch Avenue
Tauranga 3110
New Zealand
T +64 (7) 577 1560
info@tristel.co.nz

1.5. Emergency phone number

Emergency number : 0800 764 766

SECTION 2: Hazard identification

2.1. Classification of the hazardous chemical

Classification according to the Environmental Protection Authority notices (EPA Hazardous Substances and New Organisms Act 1996)

Skin corrosion/irritation, Category 2	H315
Serious eye damage/eye irritation, Category 1	H318
Skin sensitisation, Category 1	H317
Carcinogenicity, Category 2	H351
Specific target organ toxicity – Repeated exposure, Category 2	H373
Hazardous to the aquatic environment – Chronic Hazard, Category 2	H411

2.2. GHS Label elements, including precautionary statements

GHS NZ labelling

Hazard pictograms (GHS NZ) :



Signal word (GHS NZ) :

: Danger

Contains

: C9-C11 ALCOHOL ETHOXYLATE (6); DIDECYLDIMETHYLAMMONIUM CHLORIDE; POLYMERIC BIGUANIDE HYDROCHLORIDE; ALKYL(C12-16)DIMETHYLBENZYLAMMONIUM CHLORIDE

Hazard statements (GHS NZ) :

: H315 - Causes skin irritation
H317 - May cause an allergic skin reaction
H318 - Causes serious eye damage
H351 - Suspected of causing cancer

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Prevention	: H373 - May cause damage to organs through prolonged or repeated exposure H411 - Toxic to aquatic life with long lasting effects : P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P273 - Avoid release to the environment. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Response	: 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 or doctor. P308+P313 - IF exposed or concerned: Get medical advice/attention. P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P391 - Collect spillage.

2.3. Other hazards which do not result in classification

No additional information available

SECTION 3: Composition and information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to GHS NZ
C9-C11 ALCOHOL ETHOXYLATE (6)	CAS-No.: 68439-46-3	1 - 10	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
DIDECYLDIMETHYLAMMONIUM CHLORIDE	CAS-No.: 7173-51-5	1 - 5	Acute Tox. 3 (Oral), H301 Skin Corr. 1A, H314 Eye Dam. 1, H318 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
POLYMERIC BIGUANIDE HYDROCHLORIDE	CAS-No.: 32289-58-0	1 - 5	Acute Tox. 4 (Oral), H302 Acute Tox. 1 (Inhalation), H330 Eye Dam. 1, H318 Skin Sens. 1, H317 Carc. 2, H351 STOT RE 1, H372 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
ALKYL(C12-16)DIMETHYLBENZYLAMMONIUM CHLORIDE	CAS-No.: 68424-85-1	1 - 5	Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

SECTION 4: First-aid measures

4.1. Description of necessary first-aid measures

First-aid measures general	: IF exposed or concerned: Get medical advice/attention.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.
First-aid measures after ingestion	: Call a poison center or a doctor if you feel unwell.
Self protection of the first-aiders	: First aid workers will be equipped with suitable personal protective equipment.

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according to the Hazardous Substance SDS Notice 2017 (EPA)

4.2. Symptoms caused by exposure

Symptoms/effects after inhalation	: May cause respiratory irritation.
Symptoms/effects after skin contact	: Irritation. May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Serious damage to eyes.
Symptoms/effects after ingestion	: May cause irritation to the digestive tract.

4.3. Medical attention and special treatment

Other medical advice or treatment	: Treat symptomatically.
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SECTION 5: Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
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5.2. Specific hazards arising from the chemical

General measures	: Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage.
Hazardous decomposition products in case of fire	: Toxic fumes may be released.

5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
Hazchem Code	: * 3Z
EAC code	: •3Z - •3Z

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage.
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6.1.1. For non-emergency personnel

Protective equipment	: Wear recommended personal protective equipment.
Emergency procedures	: Ventilate spillage area. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes.

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".
Emergency procedures	: Evacuate unnecessary personnel. Stop leak if safe to do so.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and materials for containment and cleaning up

For containment	: Collect spillage. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak without risks if possible.
Methods for cleaning up	: Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

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according to the Hazardous Substance SDS Notice 2017 (EPA)

Precautions for safe handling	: Ensure good ventilation of the work station. Wear personal protective equipment. Avoid contact with skin and eyes.
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

Technical measures	: Keep in a cool, well-ventilated place away from heat.
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SECTION 8: Exposure controls and personal protection

8.1. Control parameters - exposure standards

No additional information available

Exposure limit values for the other components

No additional information available

8.2. Monitoring methods

No additional information available

8.3. Engineering controls

Appropriate engineering controls	: Ensure good ventilation of the work station.
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8.4. Individual protection measures, such as personal protective equipment (PPE)

Personal protective equipment	: Wear recommended personal protective equipment.
Hand protection	: Protective gloves
Eye protection	: Safety glasses
Skin and body protection	: Wear suitable protective clothing
Respiratory protection	: Ensure there is sufficient ventilation of the area during use.

Personal protective equipment symbol(s)



Environmental exposure controls	: Avoid release to the environment.
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SECTION 9: Physical and chemical properties

Physical state	: Liquid
Appearance	: No data available
Colour	: Colourless.
Odour	: Odourless.
Odour threshold	: No additional information available
pH	: 4.8 – 6
Evaporation rate	: No additional information available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point / Freezing point	: Melting point: Not applicable
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Flammability	: Non flammable.
Vapour pressure	: No additional information available
Relative density	: No additional information available
Density	: Relative density: 0.99 – 1.01
Solubility	: No additional information available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available

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Explosive limits : No additional information available
Minimum ignition energy : No data available

SECTION 10: Stability and reactivity

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

SECTION 11: Toxicological information

11.1. Toxicity

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

POLYMERIC BIGUANIDE HYDROCHLORIDE (32289-58-0)	
LD50 oral rat	501 mg/kg
LD50 dermal rat	> 5000 mg/kg
LC50 Inhalation - Rat	0.37 mg/l

C9-C11 ALCOHOL ETHOXYLATE (6) (68439-46-3)	
LD50 oral rat	200 – 2000 mg/kg

Skin corrosion/irritation : Causes skin irritation.
pH: 4.8 – 6
Serious eye damage/irritation : Causes serious eye damage.
Respiratory or skin sensitisation : May cause an allergic skin reaction.
Germ cell mutagenicity : Not classified
Carcinogenicity : Suspected of causing cancer.
Reproductive toxicity : Not classified
STOT-single exposure : Not classified
STOT-repeated exposure : May cause damage to organs through prolonged or repeated exposure.

POLYMERIC BIGUANIDE HYDROCHLORIDE (32289-58-0)	
STOT-repeated exposure	Causes damage to organs through prolonged or repeated exposure.

Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Ecotoxicity

Ecology - general : Toxic to aquatic life with long lasting effects.
Hazardous to the aquatic environment, short-term (acute) : Not classified
Hazardous to the aquatic environment, long-term (chronic) : Toxic to aquatic life with long lasting effects.
Soil toxicity : Not classified
Terrestrial vertebrate toxicity : Not classified
Terrestrial invertebrate toxicity : Not classified

POLYMERIC BIGUANIDE HYDROCHLORIDE (32289-58-0)	
LD50 dermal rat	> 5000 mg/kg

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POLYMERIC BIGUANIDE HYDROCHLORIDE (32289-58-0)	
LD50 oral rat	501 mg/kg
C9-C11 ALCOHOL ETHOXYLATE (6) (68439-46-3)	
LC50 - Fish [1]	1 – 10 mg/l
EC50 - Other aquatic organisms [1]	1 – 10 mg/l
LD50 oral rat	200 – 2000 mg/kg
ALKYL(C12-16)DIMETHYLBENZYLAMMONIUM CHLORIDE (68424-85-1)	
EC50 - Other aquatic organisms [1]	0.016 mg/l

12.2. Persistence and degradability

ANISTEL UNFRAGRANCED	
Persistence and degradability	Biodegradability in water: no data available.
POLYMERIC BIGUANIDE HYDROCHLORIDE (32289-58-0)	
Persistence and degradability	Biodegradability in water: no data available.
C9-C11 ALCOHOL ETHOXYLATE (6) (68439-46-3)	
Persistence and degradability	Biodegradability in water: no data available.
DIDECYLDIMETHYLAMMONIUM CHLORIDE (7173-51-5)	
Persistence and degradability	Biodegradability in water: no data available.
ALKYL(C12-16)DIMETHYLBENZYLAMMONIUM CHLORIDE (68424-85-1)	
Persistence and degradability	Biodegradability in water: no data available.

12.3. Bioaccumulative potential

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Bioaccumulative potential	No additional information available

12.4. Mobility in soil

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Mobility in soil	No additional information available

12.5. Other adverse effects

Ozone	: Not classified
Other adverse effects	: No additional information available

SECTION 13: Disposal considerations

Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Sewage disposal recommendations	: Disposal must be done according to official regulations.
Product/Packaging disposal recommendations	: Disposal must be done according to official regulations.
Additional information	: Do not re-use empty containers.




SECTION 14: Transport information

In accordance with IMDG / IATA / UN RTDG

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according to the Hazardous Substance SDS Notice 2017 (EPA)

IMDG	IATA	UNRTDG
14.1. UN number		
3082	3082	3082
14.2. UN Proper Shipping Name		
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (POLYMERIC BIGUANIDE HYDROCHLORIDE)	Environmentally hazardous substance, liquid, n.o.s. (POLYMERIC BIGUANIDE HYDROCHLORIDE)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (POLYMERIC BIGUANIDE HYDROCHLORIDE)
Transport document description		
UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (POLYMERIC BIGUANIDE HYDROCHLORIDE), 9, III, MARINE POLLUTANT	UN 3082 Environmentally hazardous substance, liquid, n.o.s. (POLYMERIC BIGUANIDE HYDROCHLORIDE), 9, III	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (POLYMERIC BIGUANIDE HYDROCHLORIDE), 9, III
14.3. Transport hazard class(es)		
9	9	9
		
14.4. Packing group		
III	III	III
14.5. Environmental hazards		
Dangerous for the environment: Yes Marine pollutant: Yes	Dangerous for the environment: Yes	Dangerous for the environment: Yes
No supplementary information available		

14.6. Special precautions for user

Transport by road and rail

Special provisions (UN RTDG) : 274, 331, 335, 375
Limited quantities (UN RTDG) : 5L
Excepted quantities (UN RTDG) : E1
Packing instruction (UN RTDG) : P001, IBC03, LP01
Special packing provisions (UN RTDG) : PP1
Portable tank and bulk container special instructions (UN RTDG) : T4
Portable tank and bulk container special provisions (UN RTDG) : TP1, TP29

Transport by sea

Special provisions (IMDG) : 274, 335, 375, 969
Limited quantities (IMDG) : 5 L
Excepted quantities (IMDG) : E1
Packing instructions (IMDG) : LP01, P001
Special packing provisions (IMDG) : PP1
IBC packing instructions (IMDG) : IBC03
Tank instructions (IMDG) : T4
Tank special provisions (IMDG) : TP1, TP29
EmS-No. (Fire) : F-A - FIRE SCHEDULE Alfa - GENERAL FIRE SCHEDULE
EmS-No. (Spillage) : S-F - SPILLAGE SCHEDULE Foxtrot - WATER-SOLUBLE MARINE POLLUTANTS
Stowage category (IMDG) : A

Air transport

PCA Excepted quantities (IATA) : E1
PCA Limited quantities (IATA) : Y964
PCA limited quantity max net quantity (IATA) : 30kgG

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PCA packing instructions (IATA)	: 964
PCA max net quantity (IATA)	: 450L
CAO packing instructions (IATA)	: 964
CAO max net quantity (IATA)	: 450L
Special provisions (IATA)	: A97, A158, A197, A215
ERG code (IATA)	: 9L

14.7. Transport in bulk according to IMO instruments

Not applicable

14.8. Hazchem or Emergency Action Code

EAC code	: •3Z.
Hazchem Code	: * 3Z

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations specific for the product in question

No additional information available

15.2. Chemical safety assessment

Australian Inventory of Industrial Chemicals (AICIS)	Listed (C9-C11 ALCOHOL ETHOXYLATE (6); DIDECYLDIMETHYLAMMONIUM CHLORIDE; ALKYL(C12-16)DIMETHYLBENZYLAMMONIUM CHLORIDE)
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SECTION 16: Other information

Issue date	: 6/01/2026
Revision date	: 6/01/2026

Full text of H-statements

Acute Tox. 1 (Inhalation)	Acute toxicity (inhal.), Category 1
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2
Carc. 2	Carcinogenicity, Category 2
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Skin Corr. 1A	Skin corrosion/irritation, Category 1A
Skin Corr. 1B	Skin corrosion/irritation, Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
STOT RE 1	Specific target organ toxicity – Repeated exposure, Category 1
STOT RE 2	Specific target organ toxicity – Repeated exposure, Category 2
H301	Toxic if swallowed
H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation

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Full text of H-statements	
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H330	Fatal if inhaled
H351	Suspected of causing cancer
H372	Causes damage to organs through prolonged or repeated exposure
H373	May cause damage to organs through prolonged or repeated exposure
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H411	Toxic to aquatic life with long lasting effects

Safety Data Sheet (SDS), New Zealand

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.