

SAFETY DATA SHEET

Compilation Date: 28.10.2021 Revision Date: 04.07.2023 Revision No.: 2

Section 1.	Identification of the material and the supplier
Product:	Tristel Jet FOAM Activator Solution
Product Use:	To be used with Tristel Jet FOAM Base Solution. For professional use only. Uses advised against: Uses other than the intended use of the product.
Restrictions of use:	Refer to Section 15
New Zealand Supplier:	Tristel New Zealand Limited 23 Birch Ave, Judea Tauranga, 3110
Telephone:	+64 (7) 577 1560
Fax Number:	+64 (7) 577 1567
Email:	info@tristel.co.nz
Emergency No:	0800 764 766 (National Poison Centre)
Australian Supplier:	Tristel Pty Ltd Unit 44, 328 Reserve Road Cheltenham, VIC, 3192
Telephone No:	1300 680 898 (within Australia)
Email:	+61 3 958 36181 (outside Australia) mail-au@tristel.com
Emergency No:	13 11 26 (National Poison Line)
Section 2.	Hazards Identification

Australia – This substance is non-hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals, 3rd Revised Edition

NZ - This substance is non-hazardous according to EPA Hazardous Substances (Hazard Classification) Notice 2020

NZ - EPA Approval Code: None assigned

Section 3. Composition	of hazardous Ingredient	S	
Hazardous Ingredients	CAS NUMBER	GHS Classification	Percentage %
Sodium Chlorite 100%	7758-19-2	Eye Dam. 1: H318; Ox. Sol. 1: H271; Acute Tox. 2: H310; Acute Tox. 3: H301; Skin Corr. 1B: H314; Aquatic Acute 1: H400; Aquatic Chronic H412; STOT RE 2: H373	<1
1-Decanamine, N, N-dimethyl-N- oxide	2605-79-0	Aquatic Acute 1: H400; Aquatic Chronic 2: H411; Eye Dam. 1: H318; Acute Tox. 4: H302	<1

Routes of Exposure:

	If in Eyes	Rinse eyes with water and seek medic	al advice if irritation persists.
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If on Skin Wash immediately with plenty of soap and water.

If Swallowed Wash out mouth with water.

If Inhaled Move to fresh air in case of accidental inhalation of vapours.

Most important symptoms and effects, both acute and delayed

Ingestion	There may be irritation of the throat.
Inhalation	There may be irritation of the throat with a feeling of tightness in the chest.

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Hazard Type	The product is not flammable.
Hazards from products	In combustion emits toxic fumes.
Suitable Extinguishing	Suitable extinguishing media for the surrounding fire should be used. Use
media	water spray to cool containers.
Precautions for	Wear self-contained breathing apparatus. Wear protective clothing to prevent
firefighters and special	contact with skin and eyes.
protective clothing	

Product Name: Tristel Jet FOAM Activator Solution Date of SDS: 04.07.2023 Date SDS due for review: 04.07.2028

HAZCHEM CODE None allocated

Section 6. Accidental Release Measures

For personal protection, see Section 8. Evacuate all unprotected personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Prevent product from entering drains. Dispose of according to Local Regulations.

Section 7.	Handling and Storage

Handling:

- Read label before use.
- Avoid direct contact with the substance.
- Avoid the formation or spread of mists in the air.
- Use only in a well-ventilated area.
- Do not allow to dry out.

Storage:

- Store in cool, well-ventilated area.
- Keep container tightly closed.
- Store away from incompatible materials listed in Section 10.

Section 8	Exposure Controls	Personal Protection
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WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

	TWA	STEL
Substance	ppm mg/m³	ppm mg/m³

No ingredients have exposure limits

Engineering Controls

Ensure there is sufficient ventilation of the area.

Personal Protection Equipment

Respiratory	Respiratory protection not required.
Skin	Product is classified as non-hazardous. Avoid contact with skin.
Eye	Product is classified as non-hazardous. Avoid contact with eyes.

Section 9	Physical and Chemical Properties
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Appearance	Liquid
Colour	Colourless
Odour	Not available
Odour Threshold	Not available
рН	10.3-11.3
Boiling Point	Not available
Melting Point	Not available
Freezing Point	Not available
Flash Point	Not available
Flammability	Not available
Upper and Lower Explosive	Not available
Limits	
Vapour Pressure	Not available
Vapour Density	Not available
Relative Density	1.000 - 1.010
Solubility	Not available
Partition Coefficient:	Not available
Auto Ignition temp	Not available
Oxidising	Not available
Viscosity	Not available
Evaporation Rate	Not available
VOC	Not available
Solid content	Not available

Section 10. Stability and Reactivity

Stability of Substance	Stable under recommended handling and storage conditions.
Conditions to Avoid	Heat.
Incompatible Materials	Strong oxidising agents. Strong Acids.
Hazardous Decomposition	In combustion emits toxic fumes.
Products	

Section 11	Toxicological Information
Acute Effects:	
Ingestion	There may be irritation of throat.
Inhalation	There may be irritation of the throat with a feeling of tightness in the chest.
Skin contact	There may be mild irritation at site of contact.
Eye contact	There may be irritation and redness.

Chronic Effects:

Carcinogenicity	Not applicable.
Reproductive Toxicity	Not applicable.
Germ Cell Mutagenicity	Not applicable.
Aspiration	Not applicable.
STOT/SE	Not applicable.
STOT/RE	Not applicable.

Section 12. Ecotoxicological Information

HSNO Classes: Not applicable

Persistence and degradability	No data available.	
Bioaccumulation	No data available.	
Mobility in Soil	Readily absorbed into soil. Not classified as environmentally	
	hazardous.	
Other adverse effects	No data available	

Hazardous ingredients:

SODIUM CHLORITE 100%

Daphnia magna	48H EC50	0.29	mg/l
FISH	96H LC50	265-310	mg/l

1-DECANAMINE, N, N-DIMETHYL-N-OXIDE

FISH 96H LC50 2.67 mg/l

Section 13. Disposal Precautions

Disposal Method: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Transport Information

This product is NOT classified as a Dangerous Good for transport in Australia; ADG 7.7

This product is NOT classified as a Dangerous Good for transport: NZS 5433:2020

<u>Australia:</u>

Australia – This substance is non-hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals, 3rd Revised Edition

Poison Schedule No: None assigned

New Zealand:

EPA Approval Code: None assigned

Section 16	Other Information
	other information

Date SDS prepared: 04.07.2023

Date SDS due for review: 04.07.2028

Glossary	
EC ₅₀	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
LC ₅₀	Lethal concentration that will kill 50% of the test organisms.
LD ₅₀	Lethal dose to kill 50% of test animals/organisms.
LEL	Lower explosive level.
OSHA	American Occupational Safety and Health Administration.
TEL	Tolerable Exposure Limit.
TLV	Threshold Limit Value-an exposure limit set by responsible authority.
UEL	Upper Explosive Level
WES	Workplace Exposure Limit

1. EPA Hazardous Substances (Safety Data Sheets) Notice June 2021.

2. Safe Work Australia NOHSC 2011 National Code of Practice.

Disclaimer

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

Please contact your local Tristel distributor if further information is required.



SAFETY DATA SHEET

Compilation Date: 01.11.2021 Revision Date: 04.07.2023 Revision No.: 2

Section 1.	Identification of the material and the supplier
Product:	Tristel Jet FOAM Base Solution
Product Use:	To be used with Tristel Jet FOAM Activator Solution. For professional use only. Uses advised against: Uses other than the intended use of the product.
Restrictions of use:	Refer to Section 15
New Zealand Supplier:	Tristel New Zealand Limited 23 Birch Ave, Judea Tauranga, 3110
Telephone:	+64 (7) 577 1560
Fax Number:	+64 (7) 577 1567
Email:	info@tristel.co.nz
Emergency No:	0800 764 766 (National Poison Centre)
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Telephone No:	1300 680 898 (within Australia)
Email:	+61 3 958 36181 (outside Australia) mail-au@tristel.com
Emergency No:	13 11 26 (National Poison Line)
Section 2.	Hazards Identification

Australia – This mixture is hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals, 3rd Revised Edition

NZ - This mixture is hazardous according to EPA Hazardous Substances (Hazard Classification) Notice 2020

NZ - EPA Approval Code: None assigned



Signal Word: WARNING

HSNO Class.	Hazard Code	Hazard Statement	GHS Category
6.4A	H319	Causes serious eye irritation	Category 2A
Prevention Code	Preve	ntion Statement	

Prevention Code	Prevention Statement
P280	Wear eye protection.

Response Code	Response Statement
P305 + P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact
F 305 + F 351+F 330	lenses, if present and easy to do. Continue rinsing.
P337 + P313	If eye irritation persists: Get medical advice/attention.

Section 3.	Composition of hazardous Ingredients
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Hazardous Ingredients	CAS NUMBER	GHS Classification	Percentage %
Citric Acid Monohydrate	5949-29-1	Eye Irrit.2: H319	1-10
1-Decanamine, N, N-dimethyl-N-oxide	2605-79-0	Aquatic Acute 1: H400; Aquatic Chronic 2: H411; Eye Dam. 1: H318; Acute Tox. 4: H302	۲۱

Section 4. First Aid Measures

Routes of Exposure:

lf in Eyes	Bathe the eye with running water for 15 minutes. Seek medical attention if eye irritation persists.
lf on Skin	Wash immediately with plenty of soap and water.
If Swallowed	Wash out mouth with water.

If Inhaled Move to fresh air in case of accidental inhalation of vapours.

Most important symptoms and effects, both acute and delayed

Skin contact	There may be irritation and redness at site of contact.
Eye contact	There may be irritation and redness.
Ingestion	There may be irritation of the throat.
Inhalation	There may be irritation of the throat with a feeling of tightness in the chest.

Section 5.	Fire Fighting Measures	
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Hazard Type	The product is not flammable.
Hazards from products	In combustion emits toxic fumes.
Suitable Extinguishing	Suitable extinguishing media for the surrounding fire should be used. Use
media	water spray to cool containers.
Precautions for	Wear self-contained breathing apparatus. Wear protective clothing to prevent
firefighters and special	contact with skin and eyes.
protective clothing	
HAZCHEM CODE	None allocated

Section 6.	Accidental Release Measures

For personal protection, see Section 8. Evacuate all unprotected personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Prevent product from entering drains. Dispose of according to Local Regulations.

Section 7.	Handling and Storage	
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Handling:

- Read label before use.
- Ensure there is sufficient ventilation of the area.
- Wear protective eye protection.

Storage:

- Store in cool, well-ventilated area.
- Keep container tightly closed.
- Store away from incompatible materials listed in Section 10.

Section 8

Exposure Controls / Personal Protection

WORKPLACE EXPOSURE STANDARDS

	TWA	STEL
Substance	ppm mg/m³	ppm mg/m³

No ingredients have exposure limits

Engineering Controls

Ensure there is sufficient ventilation of the area.

Personal Protection Equipment

Eyes	Wear safety glasses. Ensure eye bath is to hand.
Respiratory	Respiratory protection not required.
Skin	Nitrile gloves (minimum 480 minutes break through time) and protective clothing.

Section 9 Physical and Chemical Properties

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Appearance	Liquid
Colour	Blue
Odour	Not available
Odour Threshold	Not available
рН	2.0-3.0
Boiling Point	Not available
Melting Point	Not available
Freezing Point	Not available
Flash Point	Not available
Flammability	Not available
Upper and Lower Explosive	Not available
Limits	
Vapour Pressure	Not available
Vapour Density	Not available
Relative Density	1.020 - 1.030
Solubility	Not available
Partition Coefficient:	Not available
Auto Ignition temp	Not available
Oxidising	Not available
Viscosity	Not available
Evaporation Rate	Not available
VOC	Not available
Solid content	Not available

Section 10. Stability and Reactivity

Stability of Substance	Stable under recommended handling and storage conditions.
Conditions to Avoid	Heat.
Incompatible Materials	Strong oxidising agents. Strong Acids.
Hazardous Decomposition	In combustion emits toxic fumes.
Products	

Section 11 Toxicological Information

Acute Effects:

Ingestion	There may be irritation of throat.
Inhalation	There may be irritation of the throat with a feeling of tightness in the chest.
Eye Contact	There may be irritation and redness.
Skin Contact	There may be mild irritation at site of contact.

Chronic Effects:

Carcinogenicity	Not applicable.
Reproductive Toxicity	Not applicable.
Germ Cell Mutagenicity	Not applicable.
Aspiration	Not applicable.
STOT/SE	Not applicable.
STOT/RE	Not applicable.

Information on toxicological effects

Hazardous ingredients:

Citric acid monohydrate

DERMAL	RAT	LD50	>2000 mg/kg
ORAL	RAT	LD50	11700 mg/kg

Section 12. Ecotoxicological Information

HSNO Classes: Not applicable

Persistence and degradability	No data available.
Bioaccumulation	No data available
Mobility in Soil	Readily absorbed into soil. Not classified as environmentally
	hazardous.
Other adverse effects	No data available

Hazardous ingredients:

CITRIC ACID MONOHYDRATE

FISH	96H LC50	440-706	mg/l

1-DECANAMINE, N, N-DIMETHYL-N-OXIDE

Section 13. Disposal Precautions Disposal Method: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.	FISH	96H LC50	2.67	mg/l
Disposal Method: The user's attention is drawn to the possible existence of regional or national	Section to Dispo	and Procedutions		
	Section 13. Dispu	Sal Flecaulions		
	Disposal Method:			existence of regional or national

Section 14	Transport Information	

This product is NOT classified as a Dangerous Good for transport in Australia; ADG 7.7

This product is NOT classified as a Dangerous Good for transport: NZS 5433:2020

Section 15	Regulatory Information
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<u>Australia:</u>

Australia – This substance is hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals, 3rd Revised Edition

Poison Schedule No: None assigned

New Zealand:

EPA Approval Code: None assigned

HSNO Classification: 6.4A

HSNO Controls in New Zealand:

	Trigger Quantity	
Approved Handler	Not required	
Location Certificate	Not required	
Tracking Trigger Quantities	Not required	
Signage Trigger Quantities	Not required	
Emergency Response Plan	Not required	
Secondary Containment	Not required	
Restriction of Use	None	

Section 16 Other Information

Date SDS prepared: 04.07.2023

Date SDS due for review: 04.07.2028

Median effective concentration.	
Environmental Exposure Limit.	
Environmental Protection Authority	
Hazardous Substances and New Organisms.	
Lethal concentration that will kill 50% of the test organisms.	
Lethal dose to kill 50% of test animals/organisms.	
Lower explosive level.	
American Occupational Safety and Health Administration.	
Tolerable Exposure Limit.	
Threshold Limit Value-an exposure limit set by responsible	authority.
Upper Explosive Level	
Workplace Exposure Limit	
	Environmental Exposure Limit. Environmental Protection Authority Hazardous Substances and New Organisms. Lethal concentration that will kill 50% of the test organisms. Lethal dose to kill 50% of test animals/organisms. Lower explosive level. American Occupational Safety and Health Administration. Tolerable Exposure Limit. Threshold Limit Value-an exposure limit set by responsible Upper Explosive Level

1. EPA Hazardous Substances (Safety Data Sheets) Notice June 2021

2. Safe Work Australia NOHSC 2011 National Code of Practice.

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SAFETY DATA SHEET

Compilation Date: 01.11.2021 Revision Date: 04.07.2023 Revision No.: 2

Section 1.	Identification of the material and the supplier
Product:	Tristel Jet FOAM Working Solution
Product Use:	Disinfectant solution. For professional use only. Uses advised against: Uses other than the intended use of the product.
Restrictions of use:	Refer to Section 15
New Zealand Supplier	Tristel New Zealand Limited 23 Birch Ave, Judea Tauranga, 3110
Telephone:	+64 (7) 577 1560
Fax Number:	+64 (7) 577 1567
Email:	info@tristel.co.nz
Emergency No:	0800 764 766 (National Poison Centre)
Australian Supplier:	Tristel Pty Ltd Unit 44,328 Reserve Road Cheltenham, VIC, 3192
Telephone No:	1300 680 898 (within Australia)
Email:	+61 3 958 36181 (outside Australia) mail-au@tristel.com
Emergency No:	13 11 26 (National Poison Line)
Section 2.	Hazards Identification

Australia – This mixture is non-hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals, 3rd Revised Edition

NZ - This mixture is non-hazardous according to EPA Hazardous Substances (Hazard Classification) Notice 2020

NZ - EPA Approval Code: None assigned

Section 3. Composition of hazardous Ingredients

Hazardous Ingredients	CAS NUMBER	GHS Classification	Percentage %
Chlorine Dioxide	10049-04-4	Acute Tox. 3: H301; Skin Corr. 1B: H314; Aquatic Acute 1: H400	<1

Section 4. First Aid Measures

Routes of Exposure:

Rinse eyes with water and seek medical advice if irritation persists.
Wash immediately with plenty of soap and water.
Wash out mouth with water.
Move to fresh air in case of accidental inhalation of vapours.

Most important symptoms and effects, both acute and delayed

Skin contact	There may be mild irritation at the site of contact
Eye contact	There may be irritation and redness.
Ingestion	There may be irritation of the throat.
Inhalation	There may be irritation of the throat with a feeling of tightness in the chest.

Section 5. Fire Fighting Measures

Hazard Type	The product is not flammable.
Hazards from products	In combustion emits toxic fumes.
Suitable Extinguishing	Suitable extinguishing media for the surrounding fire should be used. Use
media	water spray to cool containers.
Precautions for	Wear self-contained breathing apparatus. Wear protective clothing to prevent
firefighters and special	contact with skin and eyes.
protective clothing	
HAZCHEM CODE	None allocated

Section 6. Accidental Release Measures

For personal protection, see Section 8. Evacuate all unprotected personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Dispose of according to Local Regulations.

Section 7. Handling and Storage

Handling:

- Read label before use.
- Use only in a well-ventilated area.

Storage:

- Store in cool, well-ventilated area.
- Keep container tightly closed.
- Store away from incompatible materials listed in Section 10.

Section 8 Exposure Control	s / Personal Protection
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WORKPLACE EXPOSURE STANDARDS

Substance	TWA ppm	mg/m³	STEL ppm	mg/m³
Chlorine Dioxide	0.1	0.28	0.3	0.84

Engineering Controls

Ensure there is sufficient ventilation of the area.

Personal Protection Equipment

Eyes	Wear safety glasses. Ensure eye bath is to hand.	
Hands and Skin	Wear nitrile gloves (minimum 480 minutes break through time) and protective	
	clothing.	
Respiratory	Respiratory protection not required.	

Section 9 Physical and Chemical Properties

Appearance	Liquid
Colour	Yellow
Odour	Chlorine like
Odour Threshold	Not available
рН	Not available
Boiling Point	Not available
Melting Point	Not available
Freezing Point	Not available
Flash Point	Not available
Flammability	Not available
Upper and Lower Explosive	Not available
Limits	

Product Name: Tristel Jet FOAM Working Solution Date of SDS: 04.07.2023 Date SDS due for review: 04.07.2028

Vapour Pressure	Not available
Vapour Density	Not available
Relative Density	Not available
Solubility	Not available
Partition Coefficient:	Not available
Auto Ignition temp	Not available
Oxidising	Not available
Viscosity	Not available
Evaporation Rate	Not available
VOC	Not available
Solid content	Not available

Section 10. Stability and Reactivity

Stability of Substance	Stable under recommended handling and storage conditions.
Conditions to Avoid	Heat.
Incompatible Materials	Strong oxidising agents. Strong Acids.
Hazardous Decomposition	In combustion emits toxic fumes.
Products	

Section 11	Toxicological Information	

Acute Effects:

Ingestion	There may be irritation of throat.
Inhalation	There may be irritation of the throat with a feeling of tightness in the chest.
Eye Contact	There may be irritation and redness.
Skin Contact	There may be irritation and redness at the site if contact.

Chronic Effects:

Carcinogenicity	Not applicable.
Reproductive Toxicity	Not applicable.
Germ Cell Mutagenicity	Not applicable.
Aspiration	Not applicable.
STOT/SE	Not applicable.
STOT/RE	Not applicable.

Information on toxicological effects

Hazardous ingredients:

Chlorine dioxide

ORAL RAT	LD50	292 mg/kg
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Product Name: Tristel Jet FOAM Working Solution Date of SDS: 04.07.2023 Date SDS due for review: 04.07.2028

Section 12. Ecotoxicological Information

HSNO Classes: Not applicable

Persistence and degradability	No data available.
Bioaccumulation	No data available.
Mobility in Soil	Readily absorbed into soil. Not classified as environmentally
	hazardous.
Other adverse effects	No data available.

Section 13. Disposal Precautions

Disposal Method: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14	Transport Information

This product is NOT classified as a Dangerous Good for transport in Australia; ADG 7.7

This product is NOT classified as a Dangerous Good for transport: NZS 5433:2020

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<u>Australia:</u>

Australia – This mixture is non-hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals, 3rd Revised Edition

Poison Schedule No: None assigned

New Zealand:

EPA Approval Code: None assigned

HSNO Classification: None assigned

HSNO Controls in New Zealand: Not required

Section 16 Other Information

Date SDS prepared: 01.11.2021

Date SDS due for review: 01.11.2026

Glossary		
EC ₅₀	Median effective concentration.	
EEL	Environmental Exposure Limit.	
EPA	Environmental Protection Authority	
HSNO	Hazardous Substances and New Organisms.	
LC ₅₀	Lethal concentration that will kill 50% of the test organisms.	
LD ₅₀	Lethal dose to kill 50% of test animals/organisms.	
LEL	Lower explosive level.	
OSHA	American Occupational Safety and Health Administration.	
TEL	Tolerable Exposure Limit.	
TLV	Threshold Limit Value-an exposure limit set by responsible authority	•
UEL	Upper Explosive Level	
WES	Workplace Exposure Limit	

1. EPA Hazardous Substances (Safety Data Sheets) Notice June 2021.

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