

Safety Data Sheet

according to ICOP 2014,2019

Issue date: 23/3/2012 Revision date: 20/8/2025 Supersedes: 21/4/2020 Version: 9.0

SECTION 1: Identification of the hazardous chemical and of the supplier

1.1. Product identifier

Name : Tristel Activator Foam Pump Solution

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. Supplier details

Manufacturer Distributor

Tristel Solutions Limited

Lynx Business Park Unit

B Fordham Road

Newmarket

Cambridgeshire

CB8 7NY

United Kingdom

Tristel Malaysia Sdn. Bhd.

A-25-3A

Pinnacle PJ

Lorong Utara C

46200 Petaling Jaya

Selangor

Malaysia

T +44 (0) 1638 721500 T +603 7931 7791

<u>SDS@tristel.com</u> <u>mail-my@tristel.com</u>

1.5. Emergency phone number

Emergency number : 604-6536 999

SECTION 2: Hazards identification

2.1. Classification of the hazardous chemical

Classification according to Industry Code of Practice on chemicals classification and hazard communication (2019)

Not classified

2.2. Label elements

Labelling according to Industry Code of Practice on chemicals classification and hazard communication (2019)

No labelling applicable

2.3. Other hazards that do not result in classification

No additional information available

SECTION 3: Composition and information of the ingredients of the hazardous chemical

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%
SODIUM CHLORITE 100%	CAS-No.: 7758-19-2	< 1

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SECTION 4: First-aid measures

4.1. Description of necessary first aid measures

First-aid measures general : If you feel unwell, seek medical advice.

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.
First-aid measures after eye contact : Rinse eyes with water as a precaution.

First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

Self protection of the first-aider : First aid workers will be equipped with suitable personal protective equipment.

4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects after inhalation : May cause respiratory irritation. Symptoms/effects after skin contact : May cause moderate irritation. Symptoms/effects after eye contact : May cause slight irritation.

Symptoms/effects after ingestion : May cause irritation to the digestive tract.

4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment : Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

5.2. Physicochemical hazards arising from the chemical

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.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment, and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.

Emergency procedures : Ventilate spillage area.

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".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and materials for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the

product.

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7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep cool.

Storage temperature : 10 - 35 °C

SECTION 8: Exposure controls and personal protection

8.1. Control parameters

No additional information available

Exposure limit values for the other components

No additional information available

8.1.1 Biological monitoring

No additional information available

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

8.3. Individual protection measures, such as PPE

Hand protection:

Avoid contact with skin.

Eye protection:

Avoid contact with eyes.

Respiratory protection:

Ensure there is sufficient ventilation of the area during use.

Environmental exposure controls : Avoid release to the environment.

SECTION 9: Physical and chemical properties

Physical state : Liquid Appearance : Liquid Colour : Colourless Odour : characteristic Odour threshold : No data available рΗ 10 - 11 5 : Not applicable Melting point Freezing point : No data available Boiling point : No data available Flash point : No data available : No data available Evaporation rate Flammability (solid, gas) : Not applicable **Explosive limits** : No data available Vapour pressure : No data available Relative vapour density at 20°C : No data available Relative density : 1.000 - 1.010 Solubility : No data available Partition coefficient n-octanol/water (Log Pow) : No data available Partition coefficient n-octanol/water (Log Kow) : No data available : No data available Auto-ignition temperature Decomposition temperature : No data available : No data available Viscosity, kinematic : No data available Viscosity, dynamic

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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)

No additional information available Incompatible materials

Hazardous decomposition products : Under normal conditions of storage and use, hazardous decomposition products should not

be produced

SECTION 11: Toxicological information

11.1. Information on toxicological effects

: Not classified Acute toxicity (oral) Acute toxicity (dermal) : Not classified Acute toxicity (inhalation) : Not classified Skin corrosion or irritation : Not classified pH: 10 - 11.5 Serious eye damage or eye irritation : Not classified Respiratory sensitization Not classified Skin sensitization Not classified Germ cell mutagenicity Not classified Carcinogenicity : Not classified

SODIUM CHLORITE 100% (7758-19-2)

IARC group 3 - Not classifiable

Reproductive toxicity : Not classified Specific target organ toxicity (STOT) - single Not classified

exposure

Specific target organ toxicity (STOT) - repeated

exposure

SODIUM CHLORITE 100% (7758-19-2)

Specific target organ toxicity (STOT) - repeated May cause damage to organs through prolonged or repeated exposure. exposure

: Not classified

Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Ecotoxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse

effects in the environment.

Not classified

Hazardous to the aquatic environment, short-term

Hazardous to the aquatic environment, long-term : Not classified

(chronic)

SODIUM CHLORITE 100% (7758-19-2)	
LC50 - Fish [1]	265 – 310 mg/l
EC50 - Other aquatic organisms [1]	0.29 mg/l

12.2. Persistence and degradability

Tristel Activator Foam Pump Solution	
Persistence and degradability	Biodegradability in water: no data available.

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SODIUM CHLORITE 100% (7758-19-2)	
Persistence and degradability	Biodegradability in water: no data available.

12.3. Bioaccumulative potential

Tristel Activator Foam Pump Solution	
Bioaccumulative potential	No additional information available

12.4. Mobility in soil

Tristel Activator Foam Pump Solution	
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 information

13.1. Disposal methods

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: Transportation information

In accordance with IMDG / IATA / UN RTDG

IMDG	IATA	UNRTDG		
14.1. UN number	14.1. UN number			
Not applicable	Not applicable	Not applicable		
14.2. UN proper shipping name	14.2. UN proper shipping name			
Not applicable	Not applicable	Not applicable		
14.3. Transport hazard class(es)				
Not applicable	Not applicable	Not applicable		
14.4. Packing Group, if applicable				
Not applicable	Not applicable	Not applicable		
14.5. Environmental hazards				
Not applicable	Not applicable	Not applicable		
No supplementary information available				

14.6. Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code)

Not applicable

14.7. Special precautions for user

UN RTDG

Not applicable

IMDG

Not applicable

Safety Data Sheet

according to ICOP 2014,2019

IATA

Not applicable

14.8. Hazchem or Emergency Action Code

Not applicable

SECTION 15: Regulatory information

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

No additional information available

15.2. International agreements

No additional information available

SECTION 16: Other information

 Version
 : 9.0

 Issue date
 : 23/3/2012

 Revision date
 : 20/8/2025

 Supersedes
 : 21/4/2020

Safety Data Sheet (SDS), Malaysia

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.

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Safety Data Sheet

according to ICOP 2014,2019

Issue date: 13/6/2013 Revision date: 20/8/2025 Supersedes: 6/1/2022 Version: 8.0

SECTION 1: Identification of the hazardous chemical and of the supplier

1.1. Product identifier

Name : Tristel Pre-Clean Wipe

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. Supplier details

Manufacturer

Tristel Solutions Limited Lynx Business Park Unit 1B Fordham Road Newmarket Cambridgeshire CB8 7NY United Kingdom

T +44 (0) 1638 721500 SDS@tristel.com

Distributor

Tristel Malaysia Sdn. Bhd.

A-25-3A Pinnacle PJ Lorong Utara C 46200 Petaling Jaya

Selangor Malaysia

T +603 7931 7791 mail-my@tristel.com

1.5. Emergency phone number

Emergency number : 604-6536 999

SECTION 2: Hazards identification

2.1. Classification of the hazardous chemical

Classification according to Industry Code of Practice on chemicals classification and hazard communication (2019)

Not classified

2.2. Label elements

Labelling according to Industry Code of Practice on chemicals classification and hazard communication (2019)

No labelling applicable

2.3. Other hazards that do not result in classification

No additional information available

SECTION 3: Composition and information of the ingredients of the hazardous chemical

3.1. Substances

Not applicable

3.2. Mixtures

This mixture does not contain any substances to be mentioned according to the applicable regulations

SECTION 4: First-aid measures

4.1. Description of necessary first aid measures

First-aid measures general : If you feel unwell, seek medical advice.

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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.

First-aid measures after eye contact : Rinse eyes with water as a precaution.

First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

Self protection of the first-aider : First aid workers will be equipped with suitable personal protective equipment.

4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects after inhalation : None under normal use.
Symptoms/effects after skin contact : May cause moderate irritation.
Symptoms/effects after eye contact : May cause slight irritation.

Symptoms/effects after ingestion : May cause irritation to the digestive tract.

4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment : Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

5.2. Physicochemical hazards arising from the chemical

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.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment, and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.

Emergency procedures : Ventilate spillage area.

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".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and materials for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment.

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

Storage conditions : Store in a well-ventilated place. Keep cool.

Storage temperature : 10 - 35 °C

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SECTION 8: Exposure controls and personal protection

8.1. Control parameters

No additional information available

Exposure limit values for the other components

No additional information available

8.1.1 Biological monitoring

No additional information available

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

8.3. Individual protection measures, such as PPE

Hand protection:

Avoid contact with skin.

Eye protection:

Avoid contact with eyes.

Respiratory protection:

Ensure there is sufficient ventilation of the area during use.

Environmental exposure controls : Avoid release to the environment.

SECTION 9: Physical and chemical properties

Physical state : Liquid

Appearance : Impregnated Wipe.

Colour : white

Odour : No data available
Odour threshold : No data available

pH : 4.5-5.5

Melting point : Not applicable Freezing point : No data available : No data available Boiling point Flash point · No data available : No data available Evaporation rate Flammability (solid, gas) : Not applicable **Explosive limits** : No data available Vapour pressure : No data available : No data available Relative vapour density at 20°C Relative density : No data available Solubility : No data available Partition coefficient n-octanol/water (Log Pow) : No data available Partition coefficient n-octanol/water (Log Kow) : No data available Auto-ignition temperature : No data available : No data available Decomposition temperature

SECTION 10: Stability and reactivity

Viscosity, kinematic

Viscosity, dynamic

Reactivity : The product is non-reactive under normal conditions of use, storage and transport

: No data available

: No data available

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Safety Data Sheet

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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. Information on toxicological effects

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified
Skin corrosion or irritation : Not classified
pH: 4.5-5.5
Serious eye damage or eye irritation : Not classified
Respiratory sensitization : Not classified

Skin sensitization : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Not classified
Specific target organ toxicity (STOT) – single : Not classified

exposure

Specific target organ toxicity (STOT) – repeated

exposure

Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Ecotoxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse

effects in the environment.

Hazardous to the aquatic environment, short-term

(acute)

: Not classified

: Not classified

Hazardous to the aquatic environment, long-term

(chronic)

: Not classified

12.2. Persistence and degradability

Tristel Pre-Clean Wipe		
Persistence and degradability	Not rapidly degradable	

12.3. Bioaccumulative potential

Tristel Pre-Clean Wipe	
Bioaccumulative potential	No additional information available

12.4. Mobility in soil

Tristel Pre-Clean Wipe	
Mobility in soil	No additional information available

12.5. Other adverse effects

Ozone : Not classified

Other adverse effects : No additional information available

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according to ICOP 2014,2019

SECTION 13: Disposal information

13.1. Disposal methods

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: Transportation information

In accordance with IMDG / IATA / UN RTDG

IMDG	IATA	UNRTDG	
14.1. UN number			
Not applicable	Not applicable	Not applicable	
14.2. UN proper shipping name			
Not applicable	Not applicable	Not applicable	
14.3. Transport hazard class(es)	14.3. Transport hazard class(es)		
Not applicable	Not applicable	Not applicable	
14.4. Packing Group, if applicable			
Not applicable	Not applicable	Not applicable	
14.5. Environmental hazards			
Not applicable	Not applicable	Not applicable	
No supplementary information available			

14.6. Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code)

Not applicable

14.7. Special precautions for user

UN RTDG

Not applicable

IMDG

Not applicable

IATA

Not applicable

14.8. Hazchem or Emergency Action Code

Not applicable

SECTION 15: Regulatory information

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

No additional information available

15.2. International agreements

No additional information available

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according to ICOP 2014,2019

SECTION 16: Other information

 Version
 : 8.0

 Issue date
 : 13/6/2013

 Revision date
 : 20/8/2025

 Supersedes
 : 6/1/2022

Safety Data Sheet (SDS), Malaysia

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.



Safety Data Sheet

according to ICOP 2014,2019

Issue date: 28/6/2012 Revision date: 20/8/2025 Supersedes: 20/4/2020 Version: 6.0

SECTION 1: Identification of the hazardous chemical and of the supplier

1.1. Product identifier

Name : Tristel Rinse Wipe

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. Supplier details

Manufacturer

Tristel Solutions Limited Lynx Business Park Unit 1B Fordham Road Newmarket Cambridgeshire CB8 7NY United Kingdom

T +44 (0) 1638 721500 SDS@tristel.com

Distributor

Tristel Malaysia Sdn. Bhd.

A-25-3A Pinnacle PJ Lorong Utara C 46200 Petaling Jaya

Selangor Malaysia

T +603 7931 7791 mail-my@tristel.com

1.5. Emergency phone number

Emergency number : 604-6536 999

SECTION 2: Hazards identification

2.1. Classification of the hazardous chemical

Classification according to Industry Code of Practice on chemicals classification and hazard communication (2019)

Not classified

2.2. Label elements

Labelling according to Industry Code of Practice on chemicals classification and hazard communication (2019)

No labelling applicable

2.3. Other hazards that do not result in classification

No additional information available

SECTION 3: Composition and information of the ingredients of the hazardous chemical

3.1. Substances

Not applicable

3.2. Mixtures

This mixture does not contain any substances to be mentioned according to the applicable regulations

SECTION 4: First-aid measures

4.1. Description of necessary first aid measures

First-aid measures general : If you feel unwell, seek medical advice.

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Safety Data Sheet

according to ICOP 2014,2019

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.

First-aid measures after eye contact : Rinse eyes with water as a precaution.

First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

Self protection of the first-aider : First aid workers will be equipped with suitable personal protective equipment.

4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects after inhalation : None under normal use.
Symptoms/effects after skin contact : May cause moderate irritation.
Symptoms/effects after eye contact : May cause slight irritation.

Symptoms/effects after ingestion : May cause irritation to the digestive tract.

4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment : Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

5.2. Physicochemical hazards arising from the chemical

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.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment, and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.

Emergency procedures : Ventilate spillage area.

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".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and materials for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment.

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

Storage conditions : Store in a well-ventilated place. Keep cool.

Storage temperature : 10 - 35 °C

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Safety Data Sheet

according to ICOP 2014,2019

SECTION 8: Exposure controls and personal protection

8.1. Control parameters

No additional information available

Exposure limit values for the other components

No additional information available

8.1.1 Biological monitoring

No additional information available

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

8.3. Individual protection measures, such as PPE

Hand protection:

Avoid contact with skin.

Eye protection:

Avoid contact with eyes.

Respiratory protection:

Ensure there is sufficient ventilation of the area during use.

Environmental exposure controls : Avoid release to the environment.

SECTION 9: Physical and chemical properties

Physical state : Liquid

Appearance : Impregnated Wipe.

Colour : white

Odour No data available Odour threshold : No data available : No data available рΗ Melting point : Not applicable Freezing point : No data available : No data available Boiling point Flash point · No data available : No data available Evaporation rate Flammability (solid, gas) : Not applicable **Explosive limits** : No data available : No data available Vapour pressure : No data available Relative vapour density at 20°C Relative density : No data available Solubility : No data available

Partition coefficient n-octanol/water (Log Pow) : No data available Partition coefficient n-octanol/water (Log Kow) : No data available Auto-ignition temperature : No data available Decomposition temperature : No data available Viscosity, kinematic : No data available Viscosity, dynamic : No data available

SECTION 10: Stability and reactivity

Reactivity : The product is non-reactive under normal conditions of use, storage and transport

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Safety Data Sheet

according to ICOP 2014,2019

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. Information on toxicological effects

: Not classified Acute toxicity (oral) Acute toxicity (dermal) : Not classified Acute toxicity (inhalation) : Not classified : Not classified Skin corrosion or irritation Serious eye damage or eye irritation : Not classified Respiratory sensitization : Not classified Skin sensitization Not classified Germ cell mutagenicity Not classified Carcinogenicity Not classified Reproductive toxicity Not classified Specific target organ toxicity (STOT) - single : Not classified

exposure

Specific target organ toxicity (STOT) - repeated

exposure

Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Ecotoxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse

effects in the environment.

Hazardous to the aquatic environment, short-term

(acute)

ort–term : Not classified

Hazardous to the aquatic environment, long-term

(chronic)

: Not classified

: Not classified

12.2. Persistence and degradability

Tristel Rinse Wipe

Persistence and degradability Not rapidly degradable

12.3. Bioaccumulative potential

Tristel Rinse Wipe

Bioaccumulative potential No additional information available

12.4. Mobility in soil

Tristel Rinse Wipe

Mobility in soil No additional information available

12.5. Other adverse effects

Ozone : Not classified

Other adverse effects : No additional information available

Safety Data Sheet

according to ICOP 2014,2019

SECTION 13: Disposal information

13.1. Disposal methods

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: Transportation information

In accordance with IMDG / IATA / UN RTDG

IMDG	IATA	UNRTDG		
14.1. UN number	14.1. UN number			
Not applicable	Not applicable	Not applicable		
14.2. UN proper shipping name				
Not applicable	Not applicable	Not applicable		
14.3. Transport hazard class(es)				
Not applicable	Not applicable	Not applicable		
14.4. Packing Group, if applicable				
Not applicable	Not applicable	Not applicable		
14.5. Environmental hazards				
Not applicable	Not applicable	Not applicable		
No supplementary information available				

14.6. Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code)

Not applicable

14.7. Special precautions for user

UN RTDG

Not applicable

IMDG

Not applicable

IATA

Not applicable

14.8. Hazchem or Emergency Action Code

Not applicable

SECTION 15: Regulatory information

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

No additional information available

15.2. International agreements

No additional information available

Safety Data Sheet

according to ICOP 2014,2019

SECTION 16: Other information

 Version
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 Supersedes
 : 20/4/2020

Safety Data Sheet (SDS), Malaysia

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.



Safety Data Sheet

according to ICOP 2014,2019

Issue date: 27/6/2012 Revision date: 20/8/2025 Supersedes: 20/4/2020 Version: 6.0

SECTION 1: Identification of the hazardous chemical and of the supplier

1.1. Product identifier

Name : Tristel Sporicidal Wipe Activated

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Recommended use : Disinfectant

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

1.4. Supplier details

Manufacturer Distributor

Tristel Solutions Limited Tristel Malaysia Sdn. Bhd.

Lynx Business Park UnitA-25-3A1B Fordham RoadPinnacle PJNewmarketLorong Utara C

Cambridgeshire 46200 Petaling Jaya
CB8 7NY Selangor
United Kingdom Malaysia

T +44 (0) 1638 721500 T +603 7931 7791

<u>SDS@tristel.com</u> <u>mail-my@tristel.com</u>

1.5. Emergency phone number

Emergency number : 604-6536 999

SECTION 2: Hazards identification

2.1. Classification of the hazardous chemical

Classification according to Industry Code of Practice on chemicals classification and hazard communication (2019)

Not classified

2.2. Label elements

Labelling according to Industry Code of Practice on chemicals classification and hazard communication (2019)

No labelling applicable

2.3. Other hazards that do not result in classification

No additional information available

SECTION 3: Composition and information of the ingredients of the hazardous chemical

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%
chlorine dioxide %	CAS-No.: 10049-04-4	< 1

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according to ICOP 2014,2019

SECTION 4: First-aid measures

4.1. Description of necessary first aid measures

First-aid measures general : If you feel unwell, seek medical advice.

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.
First-aid measures after eye contact : Rinse eyes with water as a precaution.

First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

Self protection of the first-aider : First aid workers will be equipped with suitable personal protective equipment.

4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects after inhalation : May cause respiratory irritation. Symptoms/effects after skin contact : May cause moderate irritation. Symptoms/effects after eye contact : May cause slight irritation.

Symptoms/effects after ingestion : May cause irritation to the digestive tract.

4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment : Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

5.2. Physicochemical hazards arising from the chemical

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.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment, and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.

Emergency procedures : Ventilate spillage area.

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".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and materials for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the

product.

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according to ICOP 2014,2019

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep cool.

SECTION 8: Exposure controls and personal protection

8.1. Control parameters

chlorine dioxide % (10049-04-4)	
Malaysia - Occupational Exposure Limits	
Local name	Klorin dioksida # Chlorine dioxide
PEL (OEL TWA)	0.28 mg/m³
	0.1 ppm
MEL (mg/m³)	0.84 mg/m³
MEL (ppm)	0.3 ppm

Exposure limit values for the other components

No additional information available

8.1.1 Biological monitoring

No additional information available

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

8.3. Individual protection measures, such as PPE

Hand protection:

Avoid contact with skin.

Eye protection:

Avoid contact with eyes.

Respiratory protection:

Ensure there is sufficient ventilation of the area during use.

Environmental exposure controls : Avoid release to the environment.

SECTION 9: Physical and chemical properties

Physical state : Liquid

Appearance : Impregnated Wipe.

Colour : white Odour : characteristic : No data available Odour threshold рΗ : No data available Melting point : Not applicable : No data available Freezing point **Boiling point** : No data available Flash point No data available Evaporation rate : No data available Flammability (solid, gas) : Not applicable Explosive limits : No data available Vapour pressure : No data available

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Relative vapour density at 20°C : No data available Relative density No data available Solubility No data available Partition coefficient n-octanol/water (Log Pow) No data available Partition coefficient n-octanol/water (Log Kow) No data available Auto-ignition temperature No data available Decomposition temperature No data available Viscosity, kinematic No data available Viscosity, dynamic No data available

SECTION 10: Stability and reactivity

: The product is non-reactive under normal conditions of use, storage and transport Reactivity

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. Information on toxicological effects

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

Cl	hlorine d	lioxide	. % (1 0 0	149-04-4)
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LD50 oral rat 93.86 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity), Guideline: EU Method B.1 (Acute Toxicity (Oral)), Remarks on results: other:, 95% CL: 45,52 - 193,53 LC50 Inhalation - Rat (Vapours) 0.041 mg/l Source: ECHA

Skin corrosion or irritation Not classified Serious eye damage or eye irritation Not classified

Respiratory sensitization Not classified Skin sensitization Not classified Germ cell mutagenicity : Not classified Carcinogenicity Not classified Reproductive toxicity Not classified Not classified

Specific target organ toxicity (STOT) - single

exposure

Specific target organ toxicity (STOT) - repeated Not classified

exposure

Aspiration hazard Not classified

SECTION 12: Ecological information

12.1. Ecotoxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse

effects in the environment.

Hazardous to the aquatic environment, short-term

Hazardous to the aquatic environment, long-term

(chronic)

: Not classified

Not classified

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hlorine dioxide % (10049-04-4)	
LC50 - Fish [1]	75 mg/l Test organisms (species): Cyprinodon variegatus
LC50 - Fish [2]	0.021 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
EC50 - Crustacea [1]	0.063 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	1096 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
EC50 72h - Algae [2]	0.324 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
NOEC (chronic)	≥ 500 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC chronic fish	≥ 500 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio) Duration: '36 d'

12.2. Persistence and degradability

Tristel Sporicidal Wipe Activated	
Persistence and degradability Not rapidly degradable	
chlorine dioxide % (10049-04-4) Persistence and degradability Not established.	

12.3. Bioaccumulative potential

Tristel Sporicidal Wipe Activated	
Bioaccumulative potential	No additional information available

12.4. Mobility in soil

Tristel Sporicidal Wipe Activated	
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 information

13.1. Disposal methods

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: Transportation information

In accordance with IMDG / IATA / UN RTDG

IMDG	IATA	UNRTDG
14.1. UN number		
Not applicable	Not applicable	Not applicable
14.2. UN proper shipping name		
Not applicable	Not applicable	Not applicable

Safety Data Sheet

according to ICOP 2014,2019

IMDG	IATA	UNRTDG
14.3. Transport hazard class(es)		
Not applicable	Not applicable	Not applicable
14.4. Packing Group, if applicable		
Not applicable	Not applicable	Not applicable
14.5. Environmental hazards		
Not applicable	Not applicable	Not applicable
No supplementary information available		

14.6. Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code)

Not applicable

14.7. Special precautions for user

UN RTDG

Not applicable

IMDG

Not applicable

IATA

Not applicable

14.8. Hazchem or Emergency Action Code

Not applicable

SECTION 15: Regulatory information

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

No additional information available

15.2. International agreements

No additional information available

SECTION 16: Other information

 Version
 : 6.0

 Issue date
 : 27/6/2012

 Revision date
 : 20/8/2025

 Supersedes
 : 20/4/2020

Safety Data Sheet (SDS), Malaysia

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.

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Safety Data Sheet

according to ICOP 2014,2019

Issue date: 28/6/2012 Revision date: 20/8/2025 Supersedes: 20/4/2020 Version: 6.0

SECTION 1: Identification of the hazardous chemical and of the supplier

1.1. Product identifier

Name : Tristel Sporicidal Wipe

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. Supplier details

Manufacturer

Tristel Solutions Limited Lynx Business Park Unit 1B Fordham Road Newmarket Cambridgeshire CB8 7NY

United Kingdom T +44 (0) 1638 721500 SDS@tristel.com

1.5. Emergency phone number

Distributor

Tristel Malaysia Sdn. Bhd.

A-25-3A Pinnacle PJ Lorong Utara C 46200 Petaling Jaya

Selangor Malaysia

T +603 7931 7791 mail-my@tristel.com

Emergency number : 604-6536 999

SECTION 2: Hazards identification

2.1. Classification of the hazardous chemical

Classification according to Industry Code of Practice on chemicals classification and hazard communication (2019)

Not classified

2.2. Label elements

Labelling according to Industry Code of Practice on chemicals classification and hazard communication (2019)

No labelling applicable

2.3. Other hazards that do not result in classification

No additional information available

SECTION 3: Composition and information of the ingredients of the hazardous chemical

3.1. Substances

Not applicable

3.2. Mixtures

This mixture does not contain any substances to be mentioned according to the applicable regulations

SECTION 4: First-aid measures

4.1. Description of necessary first aid measures

First-aid measures general : If you feel unwell, seek medical advice.

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according to ICOP 2014,2019

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.

First-aid measures after eye contact : Rinse eyes with water as a precaution.

First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

Self protection of the first-aider : First aid workers will be equipped with suitable personal protective equipment.

4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects after inhalation : None under normal conditions. Symptoms/effects after skin contact : May cause moderate irritation. Symptoms/effects after eye contact : May cause slight irritation.

Symptoms/effects after ingestion : May cause irritation to the digestive tract.

4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment : Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

5.2. Physicochemical hazards arising from the chemical

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.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment, and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.

Emergency procedures : Ventilate spillage area.

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".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and materials for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment.

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

Storage conditions : Store in a well-ventilated place. Keep cool.

Storage temperature : 10 - 35 °C

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according to ICOP 2014,2019

SECTION 8: Exposure controls and personal protection

8.1. Control parameters

No additional information available

Exposure limit values for the other components

No additional information available

8.1.1 Biological monitoring

No additional information available

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

8.3. Individual protection measures, such as PPE

Personal protective equipment:

Avoid all unnecessary exposure.

Hand protection:

Avoid contact with skin.

Eye protection:

Viscosity, dynamic

Avoid contact with eyes.

Respiratory protection:

Ensure there is sufficient ventilation of the area during use.

Environmental exposure controls : Avoid release to the environment.

SECTION 9: Physical and chemical properties

Physical state : Liquid

Appearance : Impregnated Wipe.

Colour : white

Odour : No data available Odour threshold : No data available рΗ : No data available Melting point : Not applicable : No data available Freezing point Boiling point : No data available Flash point : No data available Evaporation rate : No data available Flammability (solid, gas) : Not applicable **Explosive limits** : No data available Vapour pressure : No data available Relative vapour density at 20°C : No data available Relative density : No data available Solubility : No data available Partition coefficient n-octanol/water (Log Pow) : No data available Partition coefficient n-octanol/water (Log Kow) : No data available : No data available Auto-ignition temperature : No data available Decomposition temperature : No data available Viscosity, kinematic

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: No data available

Safety Data Sheet

according to ICOP 2014,2019

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. Information on toxicological effects

: Not classified Acute toxicity (oral) Acute toxicity (dermal) : Not classified : Not classified Acute toxicity (inhalation) : Not classified Skin corrosion or irritation Serious eye damage or eye irritation : Not classified Respiratory sensitization Not classified Skin sensitization Not classified Germ cell mutagenicity Not classified Carcinogenicity : Not classified Reproductive toxicity : Not classified Specific target organ toxicity (STOT) - single : Not classified

exposure

Specific target organ toxicity (STOT) - repeated

exposure

: Not classified Aspiration hazard

SECTION 12: Ecological information

12.1. Ecotoxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse

effects in the environment.

Hazardous to the aquatic environment, short-term

(acute)

Hazardous to the aquatic environment, long-term

(chronic)

: Not classified : Not classified

: Not classified

12.2. Persistence and degradability

Tristel Sporicidal Wipe	
Persistence and degradability	Not rapidly degradable

12.3. Bioaccumulative potential

Tristel Sporicidal Wipe		
	Bioaccumulative potential	No additional information available

12.4. Mobility in soil

Tristel Sporicidal Wipe	
Mobility in soil	No additional information available

12.5. Other adverse effects

: Not classified Ozone

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according to ICOP 2014,2019

Other adverse effects : No additional information available

SECTION 13: Disposal information

13.1. Disposal methods

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: Transportation information

In accordance with IMDG / IATA / UN RTDG

IMDG	IATA	UNRTDG
14.1. UN number		
Not applicable	Not applicable	Not applicable
14.2. UN proper shipping name		
Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)		
Not applicable	Not applicable	Not applicable
14.4. Packing Group, if applicable		
Not applicable	Not applicable	Not applicable
14.5. Environmental hazards		
Not applicable	Not applicable	Not applicable
No supplementary information available		

14.6. Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code)

Not applicable

14.7. Special precautions for user

UN RTDG

Not applicable

IMDG

Not applicable

IATA

Not applicable

14.8. Hazchem or Emergency Action Code

Not applicable

SECTION 15: Regulatory information

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

No additional information available

15.2. International agreements

No additional information available

Safety Data Sheet

according to ICOP 2014,2019

SECTION 16: Other information

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Safety Data Sheet (SDS), Malaysia

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