

TRISTEL FUSE FOR STELLA ACTIVATOR SOLUTION

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Compilation date: 03/12/2012

**Revision date:** 06/04/2022

Revision No: 10

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

# 1.1. Product identifier

# Product name: TRISTEL FUSE FOR STELLA ACTIVATOR SOLUTION

UFI: VG20-00Q0-R00A-80EM

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

**Use of substance / mixture:** To be used with Tristel Fuse for Stella Base Solution. For professional use only. Uses advised against: Uses other than the intended use of the product.

#### 1.3. Details of the supplier of the safety data sheet

Company name: Tristel Solutions Limited Lynx Business Park

- Fordham Road Newmarket Cambridgeshire
- CB8 7NY

United Kingdom

- **Tel:** +44 (0) 1638 721 500
- **Fax:** +44 (0) 1638 721 911

Email: SDS@tristel.com

# 1.4. Emergency telephone number

Emergency tel: National Poisons Information Service, UK NPIS

## 0344 892 0111

## Section 2: Hazards identification

# 2.1. Classification of the substance or mixture

Most important adverse effects: Causes skin irritation. Causes serious eye irritation.

2.2. Label elements

Label	elements:
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Hazard statements: H315: Causes skin irritation. H319: Causes serious eye irritation.

Hazard pictograms: GHS07: Exclamation mark



#### TRISTEL FUSE FOR STELLA ACTIVATOR SOLUTION

Signal words:WarningPrecautionary statements:P280: Wear protective gloves/protective clothing/eye protection.P302+P352: IF ON SKIN: Wash with plenty of water.P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Removecontact lenses, if present and easy to do. Continue rinsing.P332+P313: If skin irritation occurs: Get medical advice/attention.P337+P313: If eye irritation persists: Get medical advice/attention.

2.3. Other hazards

**PBT:** This product is not identified as a PBT/vPvB substance.

# Section 3: Composition/information on ingredients

## 3.2. Mixtures

#### Hazardous ingredients:

#### SODIUM CHLORITE 100% - REACH registered number(s): 01-21195229240-51-XXXX

EINECS	CAS	PBT / WEL	CLP Classification	Percent
231-836-6	7758-19-2	-	Acute Tox. 3: H301; Ox. Sol. 1: H271; Acute Tox. 2: H310; Skin Corr. 1B: H314; Aquatic Acute 1: H400; Aquatic Chronic 3: H412; Eye Dam. 1: H318; STOT RE 2: H373; -: EUH032	1-10%

# Section 4: First aid measures

#### 4.1. Description of first aid measures

**Skin contact:** Wash immediately with plenty of soap and water. If skin irritation or rash occurs: Get medical advice.

Eye contact: Rinse eyes with water and seek medical advice if irritation persists.

Ingestion: Wash out mouth with water.

Inhalation: Move to fresh air in case of accidental inhalation of vapours.

#### 4.2. 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.

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

Immediate / special treatment: Eye bathing equipment should be available on the premises.

# Section 5: Fire-fighting measures

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#### TRISTEL FUSE FOR STELLA ACTIVATOR SOLUTION

## 5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray

to cool containers.

#### 5.2. Special hazards arising from the substance or mixture

**Exposure hazards:** In combustion emits toxic fumes.

## 5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## Section 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-

side up to prevent the escape of liquid.

#### 6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

# 6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for

disposal by an appropriate method.

#### 6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS. Refer to section 13 of SDS.

# Section 7: Handling and storage

#### 7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area.

Avoid the formation or spread of mists in the air.

#### 7.2. Conditions for safe storage, including any incompatibilities

**Storage conditions:** Store in a cool, well ventilated area. Keep container tightly closed. Do not allow product to come into contact with acids.

Suitable packaging: Must only be kept in original packaging.

#### 7.3. Specific end use(s)

Specific end use(s): To be used with Tristel Fuse for Stella Base Solution. For professional use only.

## Section 8: Exposure controls/personal protection

# 8.1. Control parameters

# TRISTEL FUSE FOR STELLA ACTIVATOR SOLUTION

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#### Hazardous ingredients:

## **SODIUM CHLORITE 100%**

#### Workplace exposure limits:

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
EU	-	0.41mg/m3	-	-

**Respirable dust** 

#### **DNEL/PNEC** Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures:	Ensure there is sufficient ventilation of the area.
Respiratory protection:	Respiratory protection not required.
Hand protection:	Nitrile gloves.
Eye protection:	Safety glasses. Ensure eye bath is to hand.
Skin protection:	Protective clothing.

# Section 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

State:	Liquid	
Colour:	Colourless	
Evaporation rate:	No data available.	
Oxidising:	No data available.	
Solubility in water:	No data available.	
Viscosity:	No data available.	
Boiling point/range°C:	No data available. Melting point/range°C:	No data available.
Flammability limits %: lower:	No data available. upper:	No data available.
Flash point°C:	No data available. Part.coeff. n-octanol/water:	No data available.
Autoflammability°C:	No data available. Vapour pressure:	No data available.
Relative density:	1.010-1.020 <b>pH</b> :	9.2-12.2
VOC g/l:	No data available.	

#### 9.2. Other information

Other information: No data available.

# Section 10: Stability and reactivity

## 10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

# 10.2. Chemical stability

Chemical stability: Stable under normal conditions.

#### TRISTEL FUSE FOR STELLA ACTIVATOR SOLUTION

#### 10.3. Possibility of hazardous reactions

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

Decomposition may occur on exposure to conditions or materials listed below.

#### 10.4. Conditions to avoid

Conditions to avoid: Heat.

#### 10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

#### 10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

#### Section 11: Toxicological information

11.1. Information on toxicological effects

#### **Relevant hazards for product:**

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated

Symptoms / routes of exposure

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 12: Ecological information

12.1. Toxicity

#### Hazardous ingredients:

#### **SODIUM CHLORITE 100%**

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

#### 12.2. Persistence and degradability

## Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

#### 12.4. Mobility in soil

## TRISTEL FUSE FOR STELLA ACTIVATOR SOLUTION

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#### 12.5. Results of PBT and vPvB assessment

**PBT identification:** This product is not identified as a PBT/vPvB substance.

#### 12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

#### Section 13: Disposal considerations

#### 13.1. Waste treatment methods

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

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

#### Section 14: Transport information

14.1. UN number

UN number: Not applicable

#### 14.2. UN proper shipping name

Shipping name: NOT CLASSIFIED AS DANGEROUS IN THE MEANING OF TRANSPORT REGULATIONS.

#### 14.3. Transport hazard class(es)

Transport class: Not applicable

#### 14.4. Packing group

Packing group: Not applicable

#### 14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: Not applicable

Transport category: Not applicable

IMDG seg. group: NOT APPLICABLE

#### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Transport in bulk: Not applicable

# Section 15: Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Specific regulations: This product has been classified in accordance with CLP regulations and compiled in

accordance with Annex II of REACH.

# TRISTEL FUSE FOR STELLA ACTIVATOR SOLUTION

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L	15.2. Chemical Safety Assessr	nent		
	Chemical safety assessment:	A chemical safety assessment has not been carried out for the substance or the mixture		
		by the supplier.		
	Section 16: Other information			
	Other information			
	Other information:	according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation		
		(EU) 2015/830		
		* indicates text in the SDS which has changed since the last revision.		
	Phrases used in s.2 and s.3:	EUH032: Contact with acids liberates very toxic gas.		
		H271: May cause fire or explosion; strong oxidiser.		
		H301: Toxic if swallowed.		
		H310: Fatal in contact with skin.		
		H314: Causes severe skin burns and eye damage.		
		H315: Causes skin irritation.		
		H318: Causes serious eye damage.		
		H319: Causes serious eye irritation.		
		H373: May cause damage to organs through prolonged or repeated exposure.		
		H400: Very toxic to aquatic life.		
		H412: Harmful to aquatic life with long lasting effects.		
	Legal 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.		

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TRISTEL FUSE FOR STELLA BASE SOLUTION

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Compilation date: 03/12/2012

**Revision date:** 06/04/2022

Revision No: 9

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

# 1.1. Product identifier

# Product name: TRISTEL FUSE FOR STELLA BASE SOLUTION

UFI: FWA0-M0AW-R00T-2FHX

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

**Use of substance / mixture:** To be used with Tristel Fuse for Stella Activator Solution. For professional use only.

Uses advised against: Uses other than the intended use of the product.

#### 1.3. Details of the supplier of the safety data sheet

Company name: Tristel Solutions Limited Lynx Business Park

Fordham Road Newmarket Cambridgeshire CB8 7NY

United Kingdom **Tel:** +44 (0) 1638 721 500

Fax: +44 (0) 1638 721 911

Email: SDS@tristel.com

# 1.4. Emergency telephone number

Emergency tel: National Poisons Information Service, UK NPIS

## 0344 892 0111

## Section 2: Hazards identification

# 2.1. Classification of the substance or mixture

Classification under CLP: Skin Irrit. 2: H315

Most important adverse effects: Causes skin irritation.

2.2. Label elements

Label elements:

Hazard statements: H315: Causes skin irritation.

Hazard pictograms: GHS07: Exclamation mark



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Signal words:	Warning
Precautionary statements: P280: Wear protective gloves/protective clothing/eye protection	
	P302+P352: IF ON SKIN: Wash with plenty of water.
	P332+P313: If skin irritation occurs: Get medical advice/attention.

2.3. Other hazards

**PBT:** This product is not identified as a PBT/vPvB substance.

## Section 3: Composition/information on ingredients

#### 3.2. Mixtures

#### Hazardous ingredients:

#### CITRIC ACID MONOHYDRATE - REACH registered number(s): 01-2119457026-42-XXXX

EINECS	CAS	PBT / WEL	CLP Classification	Percent
-	5949-29-1	-	Eye Irrit. 2: H319	1-10%

#### SODIUM NITRATE - REACH registered number(s): 01-2119488221-41-XXXX

231-554-3	7631-99-4	-	Ox. Sol. 2: H272; STOT SE 3: H335;	1-10%
			Eye Irrit. 2: H319; Acute Tox. 4: H302;	
			Skin Irrit. 2: H315	

## Section 4: First aid measures

#### 4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water.

Eye contact: Rinse eyes with water and seek medical advice if irritation persists.

Ingestion: Wash out mouth with water.

Inhalation: Move to fresh air in case of accidental inhalation of vapours.

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

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

**Eye contact:** There may be irritation and redness.

Ingestion: There may be irritation of the throat.

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

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

Immediate / special treatment: Eye bathing equipment should be available on the premises.

# Section 5: Fire-fighting measures

#### 5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray

to cool containers.

#### TRISTEL FUSE FOR STELLA BASE SOLUTION

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#### 5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

## 5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact

with skin and eyes.

## Section 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-

side up to prevent the escape of liquid.

# 6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

## 6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for

disposal by an appropriate method.

## 6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS. Refer to section 13 of SDS.

# Section 7: Handling and storage

#### 7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area.

Avoid the formation or spread of mists in the air.

#### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

#### 7.3. Specific end use(s)

Specific end use(s): To be used with Tristel Fuse for Stella Activator Solution. For professional use only.

## Section 8: Exposure controls/personal protection

# 8.1. Control parameters

Workplace exposure limits: No data available.

# **DNEL/PNEC** Values

DNEL / PNEC No data available.

#### 8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Respiratory protection not required.

Hand protection: Nitrile gloves.

#### TRISTEL FUSE FOR STELLA BASE SOLUTION

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Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

## Section 9: Physical and chemical properties

# 9.1. Information on basic physical and chemical properties

State:	Liquid	
Colour:	Blue	
Evaporation rate:	No data available.	
Oxidising:	No data available.	
Solubility in water:	No data available.	
Viscosity:	No data available.	
Boiling point/range°C:	No data available. Melting point/range°	C: No data available.
Flammability limits %: lower:	No data available. uppe	r: No data available.
Flash point°C:	No data available. Part.coeff. n-octanol/wate	r: No data available.
Autoflammability°C:	No data available. Vapour pressur	e: No data available.
Relative density:	1.040-1.070 <b>p</b>	<b>H:</b> 1.5-3.5
VOC g/l:	No data available.	

9.2. Other information

Other information: No data available.

# Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

# 10.3. Possibility of hazardous reactions

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

Decomposition may occur on exposure to conditions or materials listed below.

#### 10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

## **10.6. Hazardous decomposition products**

Haz. decomp. products: In combustion emits toxic fumes.

#### Section 11: Toxicological information

## TRISTEL FUSE FOR STELLA BASE SOLUTION

## 11.1. Information on toxicological effects

#### Hazardous ingredients:

## CITRIC ACID MONOHYDRATE

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

#### SODIUM NITRATE

ORAL   RAT   LD50   3430   mg/kg	
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#### **Relevant hazards for product:**

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated

#### Symptoms / routes of exposure

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

Eye contact: There may be irritation and redness.

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 12: Ecological information

## 12.1. Toxicity

#### Hazardous ingredients:

## CITRIC ACID MONOHYDRATE

FISH 96H LC50 440-706 mg/l
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#### 12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil. Not classified as environmentally hazardous.

#### 12.5. Results of PBT and vPvB assessment

**PBT identification:** This product is not identified as a PBT/vPvB substance.

#### 12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

#### TRISTEL FUSE FOR STELLA BASE SOLUTION

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# Section 13: Disposal considerations 13.1. Waste treatment methods Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company. NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal. Section 14: Transport information 14.1. UN number UN number: Not applicable 14.2. UN proper shipping name Shipping name: NOT CLASSIFIED AS DANGEROUS IN THE MEANING OF TRANSPORT REGULATIONS. 14.3. Transport hazard class(es) Transport class: Not applicable (Not+applicable) 14.4. Packing group Packing group: Not applicable 14.5. Environmental hazards Environmentally hazardous: No Marine pollutant: No 14.6. Special precautions for user Special precautions: No special precautions. Tunnel code: Not applicable Transport category: Not applicable IMDG seg. group: NOT APPLICABLE 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Transport in bulk: Not applicable Section 15: Regulatory information 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture Specific regulations: This product has been classified in accordance with CLP regulations and compiled in accordance with Annex II of REACH. 15.2. Chemical Safety Assessment Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier. Section 16: Other information

# TRISTEL FUSE FOR STELLA BASE SOLUTION

Other information	
Other information:	according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation
	(EU) 2015/830
	* indicates text in the SDS which has changed since the last revision.
Phrases used in s.2 and s.3:	H272: May intensify fire; oxidiser.
	H302: Harmful if swallowed.
	H315: Causes skin irritation.
	H319: Causes serious eye irritation.
	H335: May cause respiratory irritation.
Legal 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.



TRISTEL FUSE FOR STELLA WORKING SOLUTION

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Compilation date: 03/12/2012

**Revision date:** 06/04/2022

Revision No: 10

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

# 1.1. Product identifier

# Product name: TRISTEL FUSE FOR STELLA WORKING SOLUTION

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

**Use of substance / mixture:** Disinfectant solution. For professional use only. Uses advised against: Uses other than the intended use of the product.

## 1.3. Details of the supplier of the safety data sheet

Company name: Tristel Solutions Limited Lynx Business Park

- Fordham Road
- Newmarket
- Cambridgeshire
- CB8 7NY
- United Kingdom
- Tel: +44 (0) 1638 721 500
- Fax: +44 (0) 1638 721 911
- Email: SDS@tristel.com

## 1.4. Emergency telephone number

Emergency tel: National Poisons Information Service, UK NPIS

0344 892 0111

## Section 2: Hazards identification

## 2.1. Classification of the substance or mixture

Classification under CLP: This product has no classification under CLP.

2.2. Label elements

Label elements: This product has no label elements.

2.3. Other hazards

**PBT:** This product is not identified as a PBT/vPvB substance.

# Section 3: Composition/information on ingredients

## 3.2. Mixtures

#### TRISTEL FUSE FOR STELLA WORKING SOLUTION

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#### Non-classified ingredients:

#### CHLORINE DIOXIDE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
233-162-8	10049-04-4	-	Acute Tox. 3: H301; Skin Corr. 1B:	<1%
			H314; Aquatic Acute 1: H400	

#### Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water.

Eye contact: Rinse eyes with water and seek medical advice if irritation persists.

Ingestion: Wash out mouth with water.

Inhalation: Move to fresh air in case of accidental inhalation of vapours.

#### 4.2. 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.

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

**Immediate / special treatment:** Eye bathing equipment should be available on the premises.

# Section 5: Fire-fighting measures

#### 5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray

to cool containers.

## 5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact

with skin and eyes.

# Section 6: Accidental release measures

# 6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details.

## 6.2. Environmental precautions

Environmental precautions: Flush to drain with copious amounts of water

#### TRISTEL FUSE FOR STELLA WORKING SOLUTION

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#### 6.3. Methods and material for containment and cleaning up

Clean-up procedures: Wash the spillage site with large amounts of water.

## 6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS. Refer to section 13 of SDS.

#### Section 7: Handling and storage

#### 7.1. Precautions for safe handling

Handling requirements: Ensure there is sufficient ventilation of the area.

#### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

7.3. Specific end use(s)

Specific end use(s): Disinfectant Solution. For professional use only.

# Section 8: Exposure controls/personal protection

# 8.1. Control parameters

#### Workplace exposure limits:

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
EU	0.1ppm	0.3ppm	-	-

**Respirable dust** 

#### **DNEL/PNEC Values**

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Respiratory protection not required.

Hand protection: Nitrile gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

# Section 9: Physical and chemical properties

# 9.1. Information on basic physical and chemical properties

State:	Liquid		
Colour:	Yellow		
Evaporation rate:	No data available.		
Oxidising:	No data available.		
Solubility in water:	No data available.		
Boiling point/range°C:	No data available. Melting point/range°C	No data available.	
Flammability limits %: lower:	No data available. upper	No data available.	
Flash point°C:	No data available.		[cont_]

TRISTEL FUSE FOR STELLA WORKING SOLUTION

Part codf. n-octanolivator: No data available.   Autofiammability"C: No data available.   VC grit No data available.   32. Other information: No data available.   Section 10: Stability and reactivity   10.1. Reactivity   Reactivity: Stability and reactivity   10.2. Chemical stability: Stable under recommended transport or storage conditions.   10.2. Chemical stability: Stable under recommended transport or storage conditions.   10.3. Pressibility of hazardous reactions: Under normal conditions.   10.4. Chemical stability: Stable under recommended transport or storage conditions.   10.5. Chemical stability: Stable under recommended transport or storage conditions.   10.4. Chemical stability: Stable under normal conditions.   10.5. Incompatible materials:   Bazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.   10.4. Conditions to avoid   Conditions to avoid   Id.6. Incompatible materials   Materials to avoid: Storag oxidising agents. Storag acids.   11.1. Information on toxicological information   11.1. Information on toxicological information   11.1. Information on toxicological information   Chorality No data available.   Symptoms / routes of Export   Cinclast to				Page: 4		
Relative density: 1.000-1.010 pH: 2.5.5.5   VOC gfl: No data available.   9.2. Other information Other information: No data available.   Section 10: Stability and reactivity Image: Comparison of the stability of the stability of the stability is stable under recommended transport or storage conditions. Image: Comparison of the stability of the stability is stable under normal conditions.   10.2. Chemical stability of hazardous reactions Image: Comparison of the stability of the stability is stable under normal conditions. Image: Comparison of the stability of the stability of the stardous reactions is the stardous reactions or materials listed below.   10.4. Conditions to avoid to avoid the stardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.   10.5. Incompatible materials Materials to avoid the stability agents. Strong acids.   10.6. Hazardous decomposition products Haz. decomp. products: In combustion emils toxic furmes.   Section 11: Toxicological information Int. Information   11.1. Information on toxicological effects Non-classified ingredients:   OrAcl RAT LDS0 292 mg/kg   ORAL RAT LDS0 292 mg/kg   Skin contact: There may be inflatinin at the			Part.coeff. n-octanol/water	No data available.		
VOC g/l: No data available.   9.2. Other information No data available.   Section 10: Stability and reactivity   10.1. Reactivity Reactivity:   Section 10: Stability and reactivity   10.1. Reactivity: Stable under recommended transport or storage conditions.   10.2. Chemical stability: Stable under normal conditions.   10.3. Possibility of hazardous reactions Materials tability:   Reactivity: Stable under normal conditions.   10.4. Conditions to avoid Decomposition may occur on exposure to conditions or materials listed below.   10.4. Conditions to avoid: Heat.   10.5. Incompatible materials Materials to avoid:   Materials to avoid: Strong oxidising agents. Strong acids.   10.4. Information on toxicological information Information   11.1. Information on toxicological effects Non-classified ingredients:   CHLORINE DIOXIDE100% QRAL RAT   QRAL RAT LD50 292 mg/kg   Symptoms / routes of exposure Skin contact: Toxicoly walles. Information at the site of contact.   Symptoms / routes of exposure Skin contact: Toxic may be mind initiation	Autoflammability°C:	No data available.	Vapour pressure	No data available.		
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Other information: No data available.   Section 10: Stability and reactivity   10.1. Reactivity   Stability   Reactivity:   Stability of hazardous reactions   10.2. Chemical stability:   Stability of hazardous reactions   Hazardous reactions:   Hazardous reactions:   Hazardous reactions:   Hazardous reactions:   Hazardous reactions:   Hazardous reactions:   Hazardous reactions will not occur under normal transport or storage conditions.   Decomposition may occur on exposure to conditions or materials listed below.   10.4. Conditions to avoid   Conditions to avoid:   Heat.   10.5. Incompatible materials   Materials to avoid:   Section 11: Toxicological information   11.1. Information on toxicological effects   Non-classified ingredients:   CHLORINE DIOXIDE100%   [ORAL RAT   LD50 292   Symptoms / routes of exposure   Skin contact: There may be mild initiation at the sile of contact.   Eye contact: There may be initiation of the throat.   Inselsion: There may be ini	VOC g/l:	No data available.				
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Section 12: Ecological information	Inhalation:	There may be irritation of t	he throat with a feeling of tightness in the che	st.		
	Section 12: Ecological information	tion				

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## 12.1. Toxicity

Ecotoxicity values: No data available.

## 12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

## 12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil. Not classified as environmentally hazardous.

#### 12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

#### Section 13: Disposal considerations

13.1. Waste treatment methods

NB: The user's attention is drawn to the possible existence of regional or national

regulations regarding disposal.

# Section 14: Transport information

14.1. UN number

UN number: Not applicable

## 14.2. UN proper shipping name

Shipping name: NOT CLASSIFIED AS DANGEROUS IN THE MEANING OF TRANSPORT REGULATIONS.

# 14.3. Transport hazard class(es)

Transport class: Not applicable (Not+applicable)

14.4. Packing group

Packing group: Not applicable

14.5. Environmental hazards

## Environmentally hazardous: No

Marine pollutant: No

#### 14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: Not applicable

Transport category: Not applicable

IMDG seg. group: NOT APPLICABLE

## TRISTEL FUSE FOR STELLA WORKING SOLUTION

## 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

# Transport in bulk: Not applicable

## Section 15: Regulatory information

## 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

**Specific regulations:** This product has been classified in accordance with CLP regulations and compiled in accordance with Annex II of REACH.

## 15.2. Chemical Safety Assessment

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

# Section 16: Other information

## Other information

Other information:	This safety data sheet is prepared in accordance with Commission Regulation (EU) No
	2015/830.
	* indicates text in the SDS which has changed since the last revision.
Phrases used in s.2 and s.3:	H301: Toxic if swallowed.
	H314: Causes severe skin burns and eye damage.
	H400: Very toxic to aquatic life.
Legal 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.