

## 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY

PRODUCT NAME            SPEEDY-DIFF SLIDE KIT

PRODUCT CODE            61067x

<u>SUPPLIER</u>	Clin-Tech Limited Unit G, Perram Works Merrow Lane Guildford, Surrey GU4 7BN UK	Telephone	+44 (0)1483 301902
		Fax	+44 (0)1483 301907
		Email	info@clin-tech.co.uk
		Website	www.clin-tech.co.uk

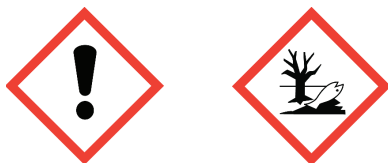
## 2. HAZARDS IDENTIFICATION

### CLASSIFICATION ACCORDING TO REGULATION (EC) NO 1272/2008 [EU-GHS/CLP]

Acute toxicity, Oral (Category 4)	H302
Chronic Aquatic Toxicity (Category 4)	H413

### LABELLING ACCORDING TO REGULATION (EC) NO 1272/2008 [EU-GHS/CLP]

WARNING



### Hazard statement(s)

H302	Harmful if swallowed
H413	May cause long-lasting harmful effects to aquatic life

### Precautionary statement(s)

P301 + P313            IF SWALLOWED: Get medical advice / attention

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Speedy-Diff Complete Kits contain the following:

	61079x Speedy-Diff A	61080x Speedy-Diff B	62508x Sorensen's Buffer pH 6.9
610813	2 x 30 mL	2 x 30 mL	1 x 30 mL

The SDS for each reagent is presented separately in the following pages.

## 4. FIRST-AID MEASURES

Refer to kit component SDS.

## 5. FIRE-FIGHTING MEASURES

Refer to kit component SDS.

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## 6. ACCIDENTAL RELEASE MEASURES

Refer to kit component SDS.

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## 7. HANDLING & STORAGE

### USAGE PRECAUTIONS

Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Risk of vapour concentration on the floor and in low-lying areas. Static electricity and formation of sparks must be prevented.

### STORAGE PRECAUTIONS

Flammable/combustible - Keep away from oxidisers, heat and flames. Store in tightly closed original container in a cool, dry well-ventilated place. Ground container and transfer equipment to eliminate static electric sparks. May attack some plastics, rubber and coatings.

### STORAGE CLASS

Flammable liquid storage.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Refer to kit component SDS.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

Refer to kit component SDS.

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## 10. STABILITY AND REACTIVITY

Refer to kit component SDS.

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## 11. TOXICOLOGICAL INFORMATION

Refer to kit component SDS.

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## 12. ECOLOGICAL INFORMATION

Refer to kit component SDS.

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## 13. DISPOSAL CONSIDERATIONS

### DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

## 14. TRANSPORT INFORMATION

	UN #	Class	Packing	Proper shipping name
<u>RID/ADR</u>	<i>Not regarded as hazardous for transport</i>			
<u>IATA</u>				
<u>IMDG</u>				

## 15. REGULATORY INFORMATION

### STATUTORY INSTRUMENTS

This MSDS complies with regulation (EC) no. 1907/2006.  
Workplace Exposure Limits EH40/2011.

## 16. OTHER INFORMATION

### GENERAL INFORMATION

This safety data sheet covers all codes for this product.

### REVISION INFORMATION

Revision No.	02
Revision Date	10/2015
Comments	CHIP regulations removed
Replaces Document Generated	New Document

### KIT COMPONENTS

	<u>ACCORDING TO REG (EC) No 1272/2008 [EU-GHS/CLP]</u>
Speedy-Diff A [Buffered Eosin]	n/c
Speedy-Diff B [Buffered Methylene Blue / Azur I]	n/c
Sorensen's Buffer concentrate pH 6.9	Acute Tox. 4, Aquatic Chronic 4 H302 H413

## 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY

PRODUCT NAME      SPEEDY-DIFF A  
                                 Buffered Eosin

PRODUCT CODE      61079x

<u>SUPPLIER</u>	Clin-Tech Limited	Telephone	+44 (0)1483 301902
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	Guildford, Surrey	Email	info@clin-tech.co.uk
	GU4 7BN	Website	www.clin-tech.co.uk
	UK		

## 2. HAZARDS IDENTIFICATION

CLASSIFICATION ACCORDING TO REGULATION (EC) No 1272/2008 [EU-GHS/CLP]  
Not a dangerous substance according to GHS.

LABELLING ACCORDING TO REGULATION (EC) No 1272/2008 [EU-GHS/CLP]  
No symbols required

Hazard statement(s)  
None required

Precautionary statement(s)  
None required

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Name	EC #	CAS #	Content	Classification
EOSIN Y [CI 45380]	239-138-3	15086-94-9	0-1%	
2-(3,6-Dihydroxy-2,4,5,7-tetrabromoxanthen-9-yl)-benzoic acid				

## 4. FIRST-AID MEASURES

### INHALATION

Move the exposed person to fresh air at once. Perform artificial respiration if breathing has stopped. Get prompt medical attention.

### INGESTION

Do not induce vomiting. Rinse mouth with water. Never make an unconscious person vomit or drink fluids. Get medical attention immediately.

### SKIN CONTACT

Remove contaminated clothes and rinse skin thoroughly with water. Seek medical attention.

## EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eyelids. Continue to rinse for at least 15 minutes. Get medical attention.

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## 5. FIRE-FIGHTING MEASURES

### EXTINGUISHING MEDIA

Use: Firefighting media appropriate for surrounding materials.

### PROTECTIVE MEASURES IN FIRE

Self-contained breathing apparatus if necessary.

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## 6. ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet. Evacuate personnel to a safe area. Avoid aerosol formation. Avoid breathing aerosols.

### ENVIRONMENTAL PRECAUTIONS

Do not allow spillage to enter watercourses. Stop further spillage if possible without risk.

### SPILL CLEAN-UP METHODS

Sweep up into bag and hold for hazardous disposal. Avoid raising aerosols. Flush area with water, absorb with disposable towels and hold for hazardous disposal – see section 13.

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## 7. HANDLING & STORAGE

### USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Avoid dust formation. Provide adequate exhaust function where dust is raised.

### STORAGE PRECAUTIONS

Store in tightly closed original container in a cool, dry well-ventilated place.

### STORAGE CLASS

Chemical storage.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

### PROTECTIVE EQUIPMENT



## HAND PROTECTION

Use protective gloves. The most suitable glove should be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

## EYE PROTECTION

Wear approved, tight-fitting safety glasses where dust is probable.

## RESPIRATORY EQUIPMENT

Self-contained breathing apparatus where high dust levels are likely.

## OTHER PROTECTION

Provide eyewash station.

## HYGIENE MEASURES

**DO NOT SMOKE IN WORK AREA!** Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap & water if skin becomes contaminated.

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## **9. PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Red liquid
ODOUR	None
SOLUBILITY / MISCIBLE WITH	Water, Alcohol
BOILING POINT	~ 101 °C

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## **10. STABILITY AND REACTIVITY**

### STABILITY

Stable under normal temperature conditions and recommended use.

### INCOMPATIBLE MATERIALS

Strong oxidizers.

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## **11. TOXICOLOGICAL INFORMATION**

### INHALATION

May be harmful if inhaled. May cause respiratory tract irritation.

### INGESTION

May be harmful if swallowed.

### SKIN CONTACT

May be harmful if absorbed through skin. May cause skin irritation.

### EYE CONTACT

May cause eye irritation.

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## 12. ECOLOGICAL INFORMATION

### ECOTOXICITY

Not regarded as dangerous for the environment.

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## 13. DISPOSAL CONSIDERATIONS

### DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

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## 14. TRANSPORT INFORMATION

	UN #	Class	Packing	Proper shipping name
<u>RID / ADR</u>	<i>Not regarded as hazardous for transport</i>			
<u>IATA</u>				
<u>IMDG</u>				

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## 15. REGULATORY INFORMATION

### STATUTORY INSTRUMENTS

This MSDS complies with regulation (EC) no. 1907/2006.

Workplace Exposure Limits EH40/2011.

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## 16. OTHER INFORMATION

### GENERAL INFORMATION

This safety data sheet covers all codes for this product.

### REVISION INFORMATION

Revision No.	05
Revision Date	09/2015
Comments	CHIP regulations removed
Replaces Document Generated	03/2013

### HAZARD STATEMENTS IN FULL

n/a

## 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY

PRODUCT NAME Speedy-Diff B  
Buffered Methylene Blue / Azur 1

PRODUCT CODE 61080x

<u>SUPPLIER</u>	Clin-Tech Limited	Telephone	+44 (0)1483 301902
	Unit G, Perram Works	Fax	+44 (0)1483 301907
	Merrow Lane		
	Guildford, Surrey	Email	info@clin-tech.co.uk
	GU4 7BN	Website	www.clin-tech.co.uk
	UK		

## 2. HAZARDS IDENTIFICATION

CLASSIFICATION ACCORDING TO REGULATION (EC) No 1272/2008 [EU-GHS/CLP]  
Not a dangerous substance according to GHS.

LABELLING ACCORDING TO REGULATION (EC) No 1272/2008 [EU-GHS/CLP]  
No symbols required

Hazard statement(s)  
None required

Precautionary statement(s)  
None required

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Name	EC #	CAS #	Content	Classification
METHYLENE BLUE [CI 52015]	200-515-2	61-73-4	0-1%	Acute Tox. 4, Skin Irrit. 2, Eye irrit. 2, STOT SE 3 H302 H315 H319 H335
2-(3,6-Dihydroxy-2,4,5,7-tetrabromoxanthen-9-yl)-benzoic acid				
AZUR I [CI 52010]	208-511-2	531-55-5	0-1%	
N,N,N'-Trimethylthionin				

## 4. FIRST-AID MEASURES

### INHALATION

Move the exposed person to fresh air at once. Perform artificial respiration if breathing has stopped. Get prompt medical attention.

### INGESTION

Do not induce vomiting. Rinse mouth with water. Never make an unconscious person vomit or drink fluids. Get medical attention immediately.



## SKIN CONTACT

Remove contaminated clothes and rinse skin thoroughly with water. Seek medical attention.

## EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eyelids. Continue to rinse for at least 15 minutes. Get medical attention.

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## **5. FIRE-FIGHTING MEASURES**

### EXTINGUISHING MEDIA

Use: Firefighting media appropriate for surrounding materials.

### PROTECTIVE MEASURES IN FIRE

Self-contained breathing apparatus if necessary.

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## **6. ACCIDENTAL RELEASE MEASURES**

### PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet. Evacuate personnel to a safe area. Avoid aerosol formation. Avoid breathing aerosols.

### ENVIRONMENTAL PRECAUTIONS

Do not allow spillage to enter watercourses. Stop further spillage if possible without risk.

### SPILL CLEAN-UP METHODS

Sweep up into bag and hold for hazardous disposal. Avoid raising aerosols. Flush area with water, absorb with disposable towels and hold for hazardous disposal – see section 13.

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## **7. HANDLING & STORAGE**

### USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Avoid dust formation. Provide adequate exhaust function where dust is raised.

### STORAGE PRECAUTIONS

Store in tightly closed original container in a cool, dry well-ventilated place.

### STORAGE CLASS

Chemical storage.

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## **8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

### ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

## PROTECTIVE EQUIPMENT



### HAND PROTECTION

Use protective gloves. The most suitable glove should be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

### EYE PROTECTION

Wear approved, tight-fitting safety glasses where dust is probable.

### RESPIRATORY EQUIPMENT

Self-contained breathing apparatus where high dust levels are likely.

### OTHER PROTECTION

Provide eyewash station.

### HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap & water if skin becomes contaminated.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Blue liquid
ODOUR	None
SOLUBILITY / MISCIBLE WITH	Water, Alcohol
BOILING POINT	~ 101 °C

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## 10. STABILITY AND REACTIVITY

### STABILITY

Stable under normal temperature conditions and recommended use.

### INCOMPATIBLE MATERIALS

Strong oxidizers.

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## 11. TOXICOLOGICAL INFORMATION

### INHALATION

May be harmful if inhaled. May cause respiratory tract irritation.

### INGESTION

May be harmful if swallowed.

## SKIN CONTACT

May be harmful if absorbed through skin. May cause skin irritation.

## EYE CONTACT

May cause eye irritation.

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## 12. ECOLOGICAL INFORMATION

### ECOTOXICITY

Not regarded as dangerous for the environment.

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## 13. DISPOSAL CONSIDERATIONS

### DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

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## 14. TRANSPORT INFORMATION

	UN #	Class	Packing	Proper shipping name
<u>RID / ADR</u>	<i>Not regarded as hazardous for transport</i>			
<u>IATA</u>				
<u>IMDG</u>				

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## 15. REGULATORY INFORMATION

### STATUTORY INSTRUMENTS

This MSDS complies with regulation (EC) no. 1907/2006.  
Workplace Exposure Limits EH40/2011.

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## 16. OTHER INFORMATION

### GENERAL INFORMATION

This safety data sheet covers all codes for this product.

### REVISION INFORMATION

Revision No. 05  
Revision Date 09/2015  
Comments CHIP regulations removed  
Replaces Document Generated 03/2013

### HAZARD STATEMENTS IN FULL

H302 Harmful if swallowed  
H315 Causes skin irritation  
H319 Causes serious eye irritation  
H335 May cause respiratory irritation

Safety Data Sheet

## 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY

PRODUCT NAME            SORENSEN'S BUFFER CONCENTRATE pH 6.9

PRODUCT CODE            62508x

<u>SUPPLIER</u>	Clin-Tech Limited Unit G, Perram Works Merrow Lane Guildford, Surrey GU4 7BN UK	Telephone	+44 (0)1483 301902
		Fax	+44 (0)1483 301907
		Email	info@clin-tech.co.uk
		Website	www.clin-tech.co.uk

## 2. HAZARDS IDENTIFICATION

CLASSIFICATION ACCORDING TO REGULATION (EC) No 1272/2008 [EU-GHS/CLP]

Acute Toxicity, Oral (Category 4)	H302
Chronic Aquatic Toxicity (Category 4)	H413

LABELLING ACCORDING TO REGULATION (EC) No 1272/2008 [EU-GHS/CLP]

WARNING



Hazard statement(s)

H302	Harmful if swallowed
H413	May cause long-lasting harmful effects to aquatic life

Precautionary statement(s)

P301+P313            IF SWALLOWED: Get medical advice / attention

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Name	EC #	CAS #	Content	Classification
DISODIUM HYDROGEN o-PHOSPHATE	231-448-7	7558-79-4	1-5%	
POTASSIUM DIHYDROGEN o-PHOSPHATE	231-913-4	7778-77-0	1-5%	
SODIUM AZIDE	247-852-1	26628-22-8	<0.1%	Acute Tox. 2; Aquatic Acute 1, Aquatic Chronic 1 H300 H410
CHLORHEXIDINE GLUCONATE	242-354-0	18472-51-0	<0.1%	Skin Irrit. 2; Eye Irrit. 2; Resp. Sens. 1; STOT SE 3; Aquatic Acute 1; Aquatic Chronic 1 H315 H319 H334 H335 H410

## 4. FIRST-AID MEASURES

### INHALATION

Move the exposed person to fresh air at once. Perform artificial respiration if breathing has stopped. Get prompt medical attention.

### INGESTION

Do not induce vomiting. Rinse mouth with water. Never make an unconscious person vomit or drink fluids. Get medical attention.

### SKIN CONTACT

Remove contaminated clothes and rinse skin thoroughly with water. Seek medical attention.

### EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eyelids. Continue to rinse for at least 15 minutes. Get medical attention.

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## 5. FIRE-FIGHTING MEASURES

### EXTINGUISHING MEDIA

Use: Water spray, Alcohol-resistant foam, Dry chemicals, or Carbon dioxide.

### PROTECTIVE MEASURES IN FIRE

Self-contained breathing apparatus if necessary.

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## 6. ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet. Evacuate personnel to a safe area. Avoid breathing dust. Ensure adequate ventilation.

### ENVIRONMENTAL PRECAUTIONS

Do not allow spillage to enter watercourses, drains or sewers. Stop further spillage if possible without risk.

### SPILL CLEAN-UP METHODS

Sweep up into bag and hold for hazardous disposal. Avoid raising aerosols. Flush area with water – do not allow water to enter drains. Absorb with disposable towels and hold for hazardous disposal – see section 13.

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## 7. HANDLING & STORAGE

### USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Provide adequate exhaust function where aerosols are likely.

### STORAGE PRECAUTIONS

Store in tightly closed original container in a cool, dry well-ventilated place.

STORAGE CLASS  
Chemical storage.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING MEASURES  
Provide adequate general and local exhaust ventilation.

PROTECTIVE EQUIPMENT



HAND PROTECTION  
Use protective gloves. The most suitable glove should be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

EYE PROTECTION  
Wear approved, tight-fitting safety glasses where splashing is probable.

RESPIRATORY EQUIPMENT  
Self-contained breathing apparatus where high splashing is likely.

OTHER PROTECTION  
Provide eyewash station.

HYGIENE MEASURES  
DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap & water if skin becomes contaminated.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Colourless liquid
ODOUR	None
SOLUBILITY / MISCIBLE WITH	Water, ethanol
BOILING POINT	~ 101 °C
SPECIFIC GRAVITY	~ 1.08 – 1.10

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## 10. STABILITY AND REACTIVITY

STABILITY  
Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID  
Moisture

## INCOMPATIBLE MATERIALS

Strong oxidising agents

## HAZARDOUS DECOMPOSITION PRODUCTS

Carbon oxides, Hydrogen Iodide, Sodium oxides

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## 11. TOXICOLOGICAL INFORMATION

### INHALATION

May be harmful if inhaled. May cause respiratory tract irritation.

### INGESTION

Harmful if swallowed.

### SKIN CONTACT

May be harmful if absorbed through skin. May cause skin irritation.

### EYE CONTACT

May cause eye irritation.

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## 12. ECOLOGICAL INFORMATION

### ECOTOXICITY

Not regarded as dangerous for the environment. However, release to the environment should be avoided due to the presence of low concentrations of sodium azide (bacteriostat) and chlorhexidine (antiseptic).

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## 13. DISPOSAL CONSIDERATIONS

### DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

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## 14. TRANSPORT INFORMATION

	UN #	Class	Packing	Proper shipping name
<u>RID / ADR</u>	<i>Not regarded as hazardous for transport</i>			
<u>IATA</u>				
<u>IMDG</u>				

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## 15. REGULATORY INFORMATION

### STATUTORY INSTRUMENTS

This MSDS complies with regulation (EC) no. 1907/2006.  
Workplace Exposure Limits EH40/2011.

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## 16. OTHER INFORMATION

### GENERAL INFORMATION

This safety data sheet covers all codes for this product.

## REVISION INFORMATION

Revision No.	04
Revision Date	09/2015
Comments	CHIP regulations removed
Replaces Document Generated	04/2013

## HAZARD STATEMENTS IN FULL

H300	Fatal if swallowed
H302	Harmful if swallowed
H315	Causes skin irritation
H319	Causes serious eye irritation
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled
H335	May cause respiratory irritation
H410	Very toxic to aquatic life with long lasting effects
H413	May cause long lasting harmful effects to aquatic life