

SAFETY DATA SHEET

Streptococcal Grouping Latex Kits

1. Identification of the substance/preparation and of the company/undertaking

Identification of the substance or preparation

Product name	:	Streptococcal Grouping Latex Kits	Code
Trade name	:	Streptococcal Grouping Latex Kits (PL030/PL041):	
		Streptococcal Grouping Reagent Latex Suspension Group A;	PL031
		Streptococcal Grouping Reagent Latex Suspension Group B;	PL032
		Streptococcal Grouping Reagent Latex Suspension Group C;	PL033
		Streptococcal Grouping Reagent Latex Suspension Group D;	PL034
		Streptococcal Grouping Reagent Latex Suspension Group F;	PL035
		Streptococcal Grouping Reagent Latex Suspension Group G;	PL036
		Streptococcal Grouping Reagent Extraction Reagent 1; (3.2 ml)	PL037
		Streptococcal Grouping Reagent Extraction Reagent 2; (3.2 ml)	PL038
		Streptococcal Grouping Reagent Extraction Reagent 3; (2 x 8 ml)	PL039
		Streptococcal Grouping Reagent Positive Control;	PL040
		Extraction Reagent Set (PL046)	
		Streptococcal Grouping Reagent Extraction Reagent 1; (8 ml)	PL047
		Streptococcal Grouping Reagent Extraction Reagent 2; (8 ml)	PL048
		Streptococcal Grouping Reagent Extraction Reagent 3; (8 ml)	PL049

Use of the substance/preparation : Provides a rapid method for the serological identification of groups A, B, C, D, F and G of the Lancefield groups of streptococci grown on agar plates.

Company/undertaking identification

Supplier/Manufacturer : Pro-Lab Diagnostics, 20 Mural Street, Unit 4, Richmond Hill, ON, Canada L4B 1K3
Tel: +1-905-731-0300 Fax: +1-905-731-0206 www.pro-lab.com

Emergency telephone number : +44 (0)151 353 1613 -Monday to Friday 9:00 am to 5:00 pm.
+44 (0)7714 429 646 -Outside the above hours.

2. Composition/information on ingredients

Substance/preparation : Preparation

Ingredient name	CAS number	%	EC Number	Classification
Europe				
Sodium nitrite	7632-00-0	7 - 10	231-555-9	O; R8 T; R25 N; R50
1,3-Propanediol, 2-Amino-2-(Hydroxymethyl)- Acetic acid	77-86-1	7 - 10	201-064-4	Xi; R36/37/38 R10 C; R35
	64-19-7	5 - 25	200-580-7	
Polyethylene oxide	25322-68-3	1 - 3	500-038-2	Xn; R22 T+; R28 R32 N; R50/53
Sodium azide	26628-22-8	0 - 0.1	247-852-1	
See section 16 for the full text of the R Phrases declared above				
Norway				
Sodium nitrite	7632-00-0	7 - 10	231-555-9	O; R8 T; R25 N; R50
1,3-Propanediol, 2-Amino-2-(Hydroxymethyl)- Acetic acid	77-86-1	7 - 10	201-064-4	Xi; R36/37/38 R10 C; R35
	64-19-7	5 - 25	200-580-7	
Polyethylene oxide	25322-68-3	1 - 3	500-038-2	Xn; R22 T+; R28 R32
Sodium azide	26628-22-8	0 - 0.1	247-852-1	

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See section 16 for the full text of the R Phrases declared above				N; R50/53
France				
Sodium nitrite	7632-00-0	7 - 10	231-555-9	O; R8 T; R25 N; R50
1,3-Propanediol, 2-Amino-2-(Hydroxymethyl)-Acetic acid	77-86-1 64-19-7	7 - 10 5 - 25	201-064-4 200-580-7	Xi; R36/37/38 R10 C; R35
Polyethylene oxide	25322-68-3	1 - 3	500-038-2	Xn; R22
Sodium azide	26628-22-8	0 - 0.1	247-852-1	T+; R28 R32 N; R50/53
See section 16 for the full text of the R Phrases declared above				
Netherlands				
Sodium nitrite	7632-00-0	7 - 10	231-555-9	O; R8 T; R25 N; R50
1,3-Propanediol, 2-Amino-2-(Hydroxymethyl)-Acetic acid	77-86-1 64-19-7	7 - 10 5 - 25	201-064-4 200-580-7	Xi; R36/37/38 R10 C; R35
Polyethylene oxide	25322-68-3	1 - 3	500-038-2	Xn; R22
Sodium azide	26628-22-8	0 - 0.1	247-852-1	T+; R28 R32 N; R50/53
See section 16 for the full text of the R Phrases declared above				
Germany				
Sodium nitrite	7632-00-0	7 - 10	231-555-9	O; R8 T; R25 N; R50
1,3-Propanediol, 2-Amino-2-(Hydroxymethyl)-Acetic acid	77-86-1 64-19-7	7 - 10 5 - 25	201-064-4 200-580-7	Xi; R36/37/38 R10 C; R35
Polyethylene oxide	25322-68-3	1 - 3	500-038-2	Xn; R22
Sodium azide	26628-22-8	0 - 0.1	247-852-1	T+; R28 R32 N; R50/53
See section 16 for the full text of the R Phrases declared above				
Finland				
Sodium nitrite	7632-00-0	7 - 10	231-555-9	O; R8 T; R25 N; R50
1,3-Propanediol, 2-Amino-2-(Hydroxymethyl)-Acetic acid	77-86-1 64-19-7	7 - 10 5 - 25	201-064-4 200-580-7	Xi; R36/37/38 R10 C; R35
Polyethylene oxide	25322-68-3	1 - 3	500-038-2	Xn; R22
Sodium azide	26628-22-8	0 - 0.1	247-852-1	T+; R28 R32 N; R50/53
See section 16 for the full text of the R Phrases declared above				
United Kingdom (UK)				
Sodium nitrite	7632-00-0	7 - 10	231-555-9	O; R8 T; R25 N; R50
1,3-Propanediol, 2-Amino-2-(Hydroxymethyl)-Acetic acid	77-86-1 64-19-7	7 - 10 5 - 25	201-064-4 200-580-7	Xi; R36/37/38 R10 C; R35
Polyethylene oxide	25322-68-3	1 - 3	500-038-2	Xn; R22
Sodium azide	26628-22-8	0 - 0.1	247-852-1	T+; R28 R32 N; R50/53

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See section 16 for the full text of the R Phrases declared above				
Austria				
Sodium nitrite	7632-00-0	7 - 10	231-555-9	O; R8 T; R25 N; R50
1,3-Propanediol, 2-Amino-2-(Hydroxymethyl)-Acetic acid	77-86-1 64-19-7	7 - 10 5 - 25	201-064-4 200-580-7	Xi; R36/37/38 R10 C; R35
Polyethylene oxide	25322-68-3	1 - 3	500-038-2	Xn; R22
Sodium azide	26628-22-8	0 - 0.1	247-852-1	T+; R28 R32 N; R50/53
See section 16 for the full text of the R Phrases declared above				
Switzerland				
Sodium nitrite	7632-00-0	7 - 10	231-555-9	O; R8 T; R25 N; R50
1,3-Propanediol, 2-Amino-2-(Hydroxymethyl)-Acetic acid	77-86-1 64-19-7	7 - 10 5 - 25	201-064-4 200-580-7	Xi; R36/37/38 R10 C; R35
Polyethylene oxide	25322-68-3	1 - 3	500-038-2	Xn; R22
Sodium azide	26628-22-8	0 - 0.1	247-852-1	T+; R28 R32 N; R50/53
See section 16 for the full text of the R Phrases declared above				
Belgium				
Sodium nitrite	7632-00-0	7 - 10	231-555-9	O; R8 T; R25 N; R50
1,3-Propanediol, 2-Amino-2-(Hydroxymethyl)-Acetic acid	77-86-1 64-19-7	7 - 10 5 - 25	201-064-4 200-580-7	Xi; R36/37/38 R10 C; R35
Polyethylene oxide	25322-68-3	1 - 3	500-038-2	Xn; R22
Sodium azide	26628-22-8	0 - 0.1	247-852-1	T+; R28 R32 N; R50/53
See section 16 for the full text of the R Phrases declared above				
Spain				
Sodium nitrite	7632-00-0	7 - 10	231-555-9	O; R8 T; R25 N; R50
1,3-Propanediol, 2-Amino-2-(Hydroxymethyl)-Acetic acid	77-86-1 64-19-7	7 - 10 5 - 25	201-064-4 200-580-7	Xi; R36/37/38 R10 C; R35
Polyethylene oxide	25322-68-3	1 - 3	500-038-2	Xn; R22
Sodium azide	26628-22-8	0 - 0.1	247-852-1	T+; R28 R32 N; R50/53
See section 16 for the full text of the R Phrases declared above				
Italy				
Sodium nitrite	7632-00-0	7 - 10	231-555-9	O; R8 T; R25 N; R50
1,3-Propanediol, 2-Amino-2-(Hydroxymethyl)-Acetic acid	77-86-1 64-19-7	7 - 10 5 - 7	201-064-4 200-580-7	Xi; R36/37/38 R10 C; R35
Polyethylene oxide	25322-68-3	1 - 3	500-038-2	Xn; R22
Sodium azide	26628-22-8	0 - 0.1	247-852-1	T+; R28 R32 N; R50/53

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See section 16 for the full text of the R Phrases declared above Portugal Sodium nitrite	7632-00-0	7 - 10	231-555-9	O; R8 T; R25 N; R50
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Polyethylene oxide Sodium azide	25322-68-3 26628-22-8	1 - 3 0 - 0.1	500-038-2 247-852-1	Xn; R22 T+; R28 R32 N; R50/53
See section 16 for the full text of the R Phrases declared above * Occupational Exposure Limit(s), if available, are listed in Section 8				

3. Hazards identification

The preparation is classified as dangerous according to Directive 1999/45/EC and its amendments.

Classification : T; R25
Xi; R36/38

Human health hazards : Toxic if swallowed.
Irritating to eyes and skin.

See section 11 for more detailed information on health effects and symptoms.

4. First aid measures

First aid measures

- Inhalation** : If inhaled, remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Obtain medical attention.
- Ingestion** : Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Obtain medical attention immediately.
- Skin Contact** : In case of contact, immediately flush skin copiously with water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Obtain medical attention immediately.
- Eye contact** : In case of contact, immediately flush eyes with a copious amount of water for at least 15 minutes. Obtain medical attention immediately.

See section 11 for more detailed information on health effects and symptoms.

5. Fire-fighting measures

- Extinguishing media** : Use an extinguishing agent suitable for surrounding fires.
- Special exposure hazards** : No specific hazard.
- Special protective equipment for fire-fighters** : Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. Accidental release measures

- Personal Precautions** : Immediately contact emergency personnel. Keep unnecessary personnel away. Use suitable protective equipment (Section 8).
- Environmental precautions and clean-up methods** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

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If emergency personnel are unavailable, contain spilled material. For small spills add absorbent (soil may be used in the absence of other suitable materials) scoop up material and place in a sealed, liquid-proof container for disposal. For large spills dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal.

Note: see section 8 for personal protective equipment and section 13 for waste disposal.

7. Handling and storage

Handling	: Do not ingest. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.
Storage	: Keep container tightly closed. Store between 2°C (36°F) to 8°C (46°F).
Packaging materials	
Recommended	: Use original container.
Danish fire class	: Not applicable.
Specific uses	: Not available.

8. Exposure controls/personal protection

Ingredient name

Occupational exposure limits

<u>Ingredient name</u>	<u>Occupational exposure limits</u>
Europe	
Acetic acid	EU OEL (Europe, 6/2000). TWA: 25 mg/m ³ 8 hour(s). Form: All forms. TWA: 10 ppm 8 hour(s). Form: All forms.
Sodium azide	EU OEL (Europe, 6/2000). Skin STEL: 0,3 mg/m ³ 15 minute(s). Form: All forms. TWA: 0,1 mg/m ³ 8 hour(s). Form: All forms.
Norway	
Acetic acid	Arbeidstilsynet (Norway, 10/2003). AN: 25 mg/m ³ 8 hour(s). Form: All forms. AN: 10 ppm 8 hour(s). Form: All forms.
Sodium azide	Arbeidstilsynet (Norway, 10/2003). Skin Takverdi: 0,3 mg/m ³ Form: All forms. AN: 0,3 mg/m ³ 8 hour(s). Form: All forms.
France	
Acetic acid	INRS (France, 6/2004). VLE: 25 mg/m ³ 15 minute(s). Form: All forms. VLE: 10 ppm 15 minute(s). Form: All forms.
Sodium azide	INRS (France, 6/2004). Skin VLE: 0,3 mg/m ³ 15 minute(s). Form: All forms. VME: 0,1 mg/m ³ 8 hour(s). Form: All forms.
Netherlands	
Acetic acid	Nationale MAC-lijst (Netherlands, 3/2004). TGG: 25 mg/m ³ 8 hour(s). Form: All forms. TGG: 10 ppm 8 hour(s). Form: All forms.
Polyethylene oxide	Nationale MAC-lijst (Netherlands, 3/2004). TGG: 1000 mg/m ³ 8 hour(s). Form: All forms.
Sodium azide	Nationale MAC-lijst (Netherlands, 3/2004). Skin TGG 15 min: 0,3 mg/m ³ 15 minute(s). Form: All forms. TGG: 0,1 mg/m ³ 8 hour(s). Form: All forms.
Germany	
Acetic acid	TRGS900 MAK (Germany, 5/2004). Spitzenbegrenzung: 25 mg/m ³ Form: All forms. Spitzenbegrenzung: 10 ppm Form: All forms. TWA: 25 mg/m ³ 8 hour(s). Form: All forms. TWA: 10 ppm 8 hour(s). Form: All forms.
Polyethylene oxide	MAK-Werte Liste (Germany, 7/2004). Spitzenbegrenzung: 8000 mg/m ³ 15 minute(s). Form: Inhalable fraction. TWA: 1000 mg/m ³ 8 hour(s). Form: Inhalable fraction.
Sodium azide	MAK-Werte Liste (Germany, 7/2004). Spitzenbegrenzung: 0,4 mg/m ³ 15 minute(s). Form: Inhalable fraction. TWA: 0,2 mg/m ³ 8 hour(s). Form: Inhalable fraction.

Finland

Acetic acid

Työterveyslaitos (Finland, 3/2002).

STEL: 37 mg/m³ 15 minute(s). Form: All forms.

STEL: 15 ppm 15 minute(s). Form: All forms.

TWA: 25 mg/m³ 8 hour(s). Form: All forms.

TWA: 10 ppm 8 hour(s). Form: All forms.

Sodium azide

Työterveyslaitos (Finland, 3/2002). Skin

STEL: 0,3 mg/m³ 15 minute(s). Form: All forms.

TWA: 0,1 mg/m³ 8 hour(s). Form: All forms.

United Kingdom (UK)

Acetic acid

EH40-OES (United Kingdom (UK), 5/2003).

STEL: 37 mg/m³ 15 minute(s). Form: All forms.

STEL: 15 ppm 15 minute(s). Form: All forms.

TWA: 25 mg/m³ 8 hour(s). Form: All forms.

TWA: 10 ppm 8 hour(s). Form: All forms.

Sodium azide

EH40-OES (United Kingdom (UK), 5/2003). Skin

STEL: 0,3 mg/m³ 15 minute(s). Form: All forms.

TWA: 0,1 mg/m³ 8 hour(s). Form: All forms.

Austria

Acetic acid

BMWA_MAK (Austria, 4/2004).

Spitzenbegrenzung: 50 mg/m³ 8 times per shift, 5 minute(s). Form: All forms.

Spitzenbegrenzung: 20 ppm 8 times per shift, 5 minute(s). Form: All forms.

TWA: 25 mg/m³ 8 hour(s). Form: All forms.

TWA: 10 ppm 8 hour(s). Form: All forms.

Sodium azide

BMWA_MAK (Austria, 4/2004). Skin

STEL: 0,3 mg/m³ 4 times per shift, 15 minute(s). Form: Aerosol.

TWA: 0,1 mg/m³ 8 hour(s). Form: All forms.

Switzerland

Acetic acid

SUVA (Switzerland, 1/2003).

Kurzzeitsgrenzwerte: 50 mg/m³ 15 minute(s). Form: All forms.

Kurzzeitsgrenzwerte: 20 ppm 15 minute(s). Form: All forms.

MAK: 25 mg/m³ 8 hour(s). Form: All forms.

MAK: 10 ppm 8 hour(s). Form: All forms.

Sodium azide

SUVA (Switzerland, 1/2003).

Kurzzeitsgrenzwerte: 0,4 mg/m³ 15 minute(s). Form: All forms.

MAK: 0,2 mg/m³ 8 hour(s). Form: All forms.

Belgium

Acetic acid

Lijst Grenswaarden / Valeurs Limites (Belgium, 12/2003).

STEL: 38 mg/m³ 15 minute(s). Form: All forms.

STEL: 15 ppm 15 minute(s). Form: All forms.

TWA: 25 mg/m³ 8 hour(s). Form: All forms.

TWA: 10 ppm 8 hour(s). Form: All forms.

Sodium azide

Lijst Grenswaarden / Valeurs Limites (Belgium, 12/2003). Skin

CEIL: 0,1 mg/m³ Form: All forms.

STEL: 0,3 mg/m³ 15 minute(s). Form: All forms.

TWA: 0,1 mg/m³ 8 hour(s). Form: All forms.

Spain

Acetic acid

INSHT (Spain, 1/2004).

VLA-EC: 37 mg/m³ 15 minute(s). Form: All forms.

VLA-EC: 15 ppm 15 minute(s). Form: All forms.

VLA-ED: 25 mg/m³ 8 hour(s). Form: All forms.

VLA-ED: 10 ppm 8 hour(s). Form: All forms.

Sodium azide

INSHT (Spain, 1/2004). Skin

VLA-EC: 82 mg/m³ 15 minute(s). Form: All forms.

VLA-EC: 20 ppm 15 minute(s). Form: All forms.

VLA-ED: 41 mg/m³ 8 hour(s). Form: All forms.

VLA-ED: 10 ppm 8 hour(s). Form: All forms.

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Italy

Acetic acid

EU OEL (Europe, 6/2000).

TWA: 25 mg/m³ 8 hour(s). Form: All forms.

TWA: 10 ppm 8 hour(s). Form: All forms.

Sodium azide

Ministero della Salute (Italy, 3/2004). Skin

STEL: 0,3 mg/m³ 15 minute(s). Form: All forms.

TWA: 0,1 mg/m³ 8 hour(s). Form: All forms.

Portugal

Acetic acid

Instituto Português da Qualidade (Portugal, 7/2004).

CEIL: 15 ppm . Form: All forms

TWA: 8 ppm 8 hour(s). Form: All forms

Sodium azide

Instituto Português da Qualidade (Portugal, 7/2004).

CEIL: 0,29 mg/m³ . Form: All forms

STEL: 0,11 ppm 15 minute(s). Form: All forms

Exposure controls

Occupational exposure controls

: Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapours below their respective occupational exposure limits. Ensure that eyewash stations and safety showers are close to the workstation location.

Hand protection

: Chemical-resistant, impervious gloves or gauntlets complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
>8 hour(s) (breakthrough time): Disposable vinyl.

Eye protection

: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts.

Recommended: Safety glasses with side shields.

Skin protection

: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Body: Recommended: Lab coat.

Feet: Recommended: Shoes.



9. Physical and chemical properties

General information

Appearance

Physical state

: Liquid.

Colour

: Blue./Yellow./Red./Colourless.

Odour

: Acetic acid. (Slight.)

Odor threshold

: The lowest known value is 0.48 ppm (Acetic acid)

Important health, safety and environmental information

pH

: >2 to <= 10

Boiling point

: Weighted average: 100.84°C (213.5°F)

Melting point

: Weighted average: 0.79°C (33.4°F)

Vapor pressure

: Weighted average: 2.27 kPa (17.03 mm Hg) (at 20°C)

Relative density

: Weighted average: 1.06

Solubility

: Miscible in water.

Vapor density

: Weighted average: 0.69 (Air = 1)

Other information

10. Stability and reactivity

Stability : The product is stable.

Materials to avoid : Reactive with oxidising agents.

11. Toxicological information

Potential acute health effects

- Inhalation** : No known significant effects or critical hazards.
- Ingestion** : Toxic if swallowed.
- Skin Contact** : Irritating to skin.
- Eye contact** : Irritating to eyes.

Acute toxicity

<u>Ingredient name</u>	<u>Test</u>	<u>Result</u>	<u>Route</u>	<u>Species</u>
Sodium nitrite	LD50	180 mg/kg	Oral	Rat
	LD50	186 mg/kg	Oral	Rabbit
	LD50	175 mg/kg	Oral	Mouse
1,3-Propanediol, 2-Amino-2-(Hydroxymethyl)-Acetic acid	LD50	5900 mg/kg	Oral	Rat
	LD50	3310 mg/kg	Oral	Rat
	LD50	1060 mg/kg	Dermal	Rabbit
Polyethylene oxide	LC50	5620 mg/m ³ (1 hour(s))	Inhalation	Mouse
	LD50	600 mg/kg	Oral	Rat
	LD50	1054 mg/kg	Oral	Rat
Sodium azide	LD50	27500 mg/kg	Oral	Rat
	LD50	27 mg/kg	Oral	Rat
	LD50	27 mg/kg	Oral	Mouse
	LD50	20 mg/kg	Dermal	Rabbit
	LD50	50 mg/kg	Dermal	Rat

- Carcinogenicity** : No known significant effects or critical hazards.
- Mutagenicity** : No known significant effects or critical hazards.
- Reproductive toxicity** : No known significant effects or critical hazards.

Over-exposure signs/symptoms

- Inhalation** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.
- Skin** : No known significant effects or critical hazards.
- Other adverse effects** : Not available.

12. Ecological information

Ecotoxicity data

<u>Ingredient name</u>	<u>Species</u>	<u>Period</u>	<u>Result</u>
Sodium nitrite	Oncorhynchus mykiss (LC50)	96 hour(s)	0.11 mg/l
	Oncorhynchus mykiss (LC50)	96 hour(s)	0.14 mg/l
	Oncorhynchus mykiss (LC50)	96 hour(s)	0.15 mg/l
	Oncorhynchus mykiss (LC50)	96 hour(s)	0.17 mg/l
	Oncorhynchus mykiss (LC50)	96 hour(s)	0.18 mg/l
Acetic acid	Oncorhynchus mykiss (LC50)	96 hour(s)	0.19 mg/l
	Daphnia magna (EC50)	48 hour(s)	65 mg/l
	Lepomis macrochirus (LC50)	96 hour(s)	75 mg/l
	Pimephales promelas (LC50)	96 hour(s)	79 mg/l
	Pimephales promelas (LC50)	96 hour(s)	88 mg/l
Polyethylene oxide	Oncorhynchus mykiss (LC50)	96 hour(s)	>20000 mg/l
Sodium azide	Daphnia pulex (EC50)	48 hour(s)	4.2 mg/l
	Lepomis macrochirus (LC50)	96 hour(s)	0.68 mg/l
	Lepomis macrochirus (LC50)	96 hour(s)	0.7 mg/l
	Oncorhynchus mykiss (LC50)	96 hour(s)	0.8 mg/l
	Oncorhynchus mykiss (LC50)	96 hour(s)	2.75 mg/l
	Oncorhynchus mykiss (LC50)	96 hour(s)	2.84 mg/l

- Mobility** : Not available.
- Other adverse effects** : No known significant effects or critical hazards.

13. Disposal considerations

- Methods of disposal** : The generation of waste should be avoided or minimised wherever possible. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.
- Waste classification** : Not applicable.
- European waste catalogue (EWC)** : Not available.
- Hazardous waste** : The classification of the product may meet the criteria for a hazardous waste

14. Transport information

International transport regulations


Classification: ADR/ADN/IMDG/IATA : Not regulated.

Label: Not applicable.

Additional Information


15. Regulatory information

EU Regulations

- Hazard symbol(s)** : 
Toxic
- Risk phrases** : R25- Toxic if swallowed.
R36/38- Irritating to eyes and skin.
- Safety Phrases** : S45- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)
- Contains** : Sodium nitrite 231-555-9
Sodium azide 247-852-1
- Product use** : Classification and labelling have been performed according to EU directives 67/548/EEC, 1999/45/EC, including amendments and the intended use.
- Industrial applications.
- EC Statistical classification (Tariff Code)** : 32089091

National regulations

Norway

- Hazard symbol(s)** : 
Toxic
- Risk Phrases** : R25- Toxic if swallowed.
R36/38- Irritating to eyes and skin.
- Safety Phrases** : S45- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)
- Carcinogenic class** : Not classified.
- Contains** : Sodium nitrite 231-555-9
Sodium azide 247-852-1

France

Netherlands

Germany

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- Employment restrictions in accordance with § 15b of the Hazardous Substance Ordinance** : Yes.
- Hazardous incident ordinance** : Yes.
- Ordinance on combustible liquids** : Class: Omitted
- Technical instruction on air quality control** : Class II: 7%
- Hazard class for water** : 2

Austria

- Limitation of the use of organic solvents** : Permitted.

Switzerland

- LRV Klasse (Ta-Luft)** : Not available.
- Poison class** : 3
- BAGT** : 619003
- VOC Content** : VOC (W/W): 7

Italy

- Restrictions on the use of Benzol and similar materials** : Not applicable.
- Emission control directive** : 97,265% Not classified.

16. Other information

- Full text of R phrases referred to in sections 2 and 3 - Europe** : R8- Contact with combustible material may cause fire.
R10- Flammable.
R28- Very toxic if swallowed.
R25- Toxic if swallowed.
R22- Harmful if swallowed.
R35- Causes severe burns.
R36/37/38- Irritating to eyes, respiratory system and skin.
R36/38- Irritating to eyes and skin.
R32- Contact with acids liberates very toxic gas.
R50- Very toxic to aquatic organisms.
R50/53- Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- Full text of classifications referred to in sections 2 and 3 - Europe** : O - Oxidising
T+ - Very toxic
T - Toxic
C - Corrosive
Xn - Harmful
Xi - Irritant
N - Dangerous for the environment.
- Full text of R phrases referred to in sections 2 and 3 - Norway** : R8- Contact with combustible material may cause fire.
R10- Flammable.
R28- Very toxic if swallowed.
R25- Toxic if swallowed.
R22- Harmful if swallowed.
R35- Causes severe burns.
R36/37/38- Irritating to eyes, respiratory system and skin.
R36/38- Irritating to eyes and skin.
R32- Contact with acids liberates very toxic gas.
R50- Very toxic to aquatic organisms.
R50/53- Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- Full text of classifications referred to in sections 2 and 3 - Norway** : O - Oxidising
T+ - Very toxic
T - Toxic
C - Corrosive
Xn - Harmful
Xi - Irritant
N - Dangerous for the environment.

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- Full text of R phrases referred to in sections 2 and 3 - France** : R8- Contact with combustible material may cause fire.
R10- Flammable.
R28- Very toxic if swallowed.
R25- Toxic if swallowed.
R22- Harmful if swallowed.
R35- Causes severe burns.
R36/37/38- Irritating to eyes, respiratory system and skin.
R36/38- Irritating to eyes and skin.
R32- Contact with acids liberates very toxic gas.
R50- Very toxic to aquatic organisms.
R50/53- Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- Full text of classifications referred to in sections 2 and 3 - France** : O - Oxidising
T+ - Very toxic
T - Toxic
C - Corrosive
Xn - Harmful
Xi - Irritant
N - Dangerous for the environment.
- Full text of R phrases referred to in sections 2 and 3 - Netherlands** : R8- Contact with combustible material may cause fire.
R10- Flammable.
R28- Very toxic if swallowed.
R25- Toxic if swallowed.
R22- Harmful if swallowed.
R35- Causes severe burns.
R36/37/38- Irritating to eyes, respiratory system and skin.
R36/38- Irritating to eyes and skin.
R32- Contact with acids liberates very toxic gas.
R50- Very toxic to aquatic organisms.
R50/53- Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- Full text of classifications referred to in sections 2 and 3 - Netherlands** : O - Oxidising
T+ - Very toxic
T - Toxic
C - Corrosive
Xn - Harmful
Xi - Irritant
N - Dangerous for the environment.
- Full text of R phrases referred to in sections 2 and 3 - Germany** : R8- Contact with combustible material may cause fire.
R10- Flammable.
R28- Very toxic if swallowed.
R25- Toxic if swallowed.
R22- Harmful if swallowed.
R35- Causes severe burns.
R36/37/38- Irritating to eyes, respiratory system and skin.
R36/38- Irritating to eyes and skin.
R32- Contact with acids liberates very toxic gas.
R50- Very toxic to aquatic organisms.
R50/53- Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- Full text of classifications referred to in sections 2 and 3 - Germany** : O - Oxidising
T+ - Very toxic
T - Toxic
C - Corrosive
Xn - Harmful
Xi - Irritant
N - Dangerous for the environment.
- Full text of R phrases referred to in sections 2 and 3 - Finland** : R8- Contact with combustible material may cause fire.
R10- Flammable.
R28- Very toxic if swallowed.
R25- Toxic if swallowed.
R22- Harmful if swallowed.
R35- Causes severe burns.
R36/37/38- Irritating to eyes, respiratory system and skin.
R36/38- Irritating to eyes and skin.
R32- Contact with acids liberates very toxic gas.
R50- Very toxic to aquatic organisms.
R50/53- Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic

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	environment.
Full text of classifications referred to in sections 2 and 3 - Finland	: O - Oxidising T+ - Very toxic T - Toxic C - Corrosive Xn - Harmful Xi - Irritant N - Dangerous for the environment.
Full text of R phrases referred to in sections 2 and 3 - United Kingdom (UK)	: R8- Contact with combustible material may cause fire. R10- Flammable. R28- Very toxic if swallowed. R25- Toxic if swallowed. R22- Harmful if swallowed. R35- Causes severe burns. R36/37/38- Irritating to eyes, respiratory system and skin. R36/38- Irritating to eyes and skin. R32- Contact with acids liberates very toxic gas. R50- Very toxic to aquatic organisms. R50/53- Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Full text of classifications referred to in sections 2 and 3 - United Kingdom (UK)	: O - Oxidising T+ - Very toxic T - Toxic C - Corrosive Xn - Harmful Xi - Irritant N - Dangerous for the environment.
Full text of R phrases referred to in sections 2 and 3 - Austria	: R8- Contact with combustible material may cause fire. R10- Flammable. R28- Very toxic if swallowed. R25- Toxic if swallowed. R22- Harmful if swallowed. R35- Causes severe burns. R36/37/38- Irritating to eyes, respiratory system and skin. R36/38- Irritating to eyes and skin. R32- Contact with acids liberates very toxic gas. R50- Very toxic to aquatic organisms. R50/53- Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Full text of classifications referred to in sections 2 and 3 - Austria	: O - Oxidising T+ - Very toxic T - Toxic C - Corrosive Xn - Harmful Xi - Irritant N - Dangerous for the environment.
Full text of R phrases referred to in sections 2 and 3 - Switzerland	: R8- Contact with combustible material may cause fire. R10- Flammable. R28- Very toxic if swallowed. R25- Toxic if swallowed. R22- Harmful if swallowed. R35- Causes severe burns. R36/37/38- Irritating to eyes, respiratory system and skin. R36/38- Irritating to eyes and skin. R32- Contact with acids liberates very toxic gas. R50- Very toxic to aquatic organisms. R50/53- Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Full text of classifications referred to in sections 2 and 3 - Switzerland	: O - Oxidising T+ - Very toxic T - Toxic C - Corrosive Xn - Harmful Xi - Irritant N - Dangerous for the environment.

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Full text of R phrases referred to in sections 2 and 3 - Belgium : R8- Contact with combustible material may cause fire.
R10- Flammable.
R28- Very toxic if swallowed.
R25- Toxic if swallowed.
R22- Harmful if swallowed.
R35- Causes severe burns.
R36/37/38- Irritating to eyes, respiratory system and skin.
R36/38- Irritating to eyes and skin.
R32- Contact with acids liberates very toxic gas.
R50- Very toxic to aquatic organisms.
R50/53- Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Full text of classifications referred to in sections 2 and 3 - Belgium : O - Oxidising
T+ - Very toxic
T - Toxic
C - Corrosive
Xn - Harmful
Xi - Irritant
N - Dangerous for the environment.

Full text of R phrases referred to in sections 2 and 3 - Spain : R8- Contact with combustible material may cause fire.
R10- Flammable.
R28- Very toxic if swallowed.
R25- Toxic if swallowed.
R22- Harmful if swallowed.
R35- Causes severe burns.
R36/37/38- Irritating to eyes, respiratory system and skin.
R36/38- Irritating to eyes and skin.
R32- Contact with acids liberates very toxic gas.
R50- Very toxic to aquatic organisms.
R50/53- Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Full text of classifications referred to in sections 2 and 3 - Spain : O - Oxidising
T+ - Very toxic
T - Toxic
C - Corrosive
Xn - Harmful
Xi - Irritant
N - Dangerous for the environment.

Full text of R phrases referred to in sections 2 and 3 - Italy : R8- Contact with combustible material may cause fire.
R10- Flammable.
R28- Very toxic if swallowed.
R25- Toxic if swallowed.
R22- Harmful if swallowed.
R35- Causes severe burns.
R36/37/38- Irritating to eyes, respiratory system and skin.
R36/38- Irritating to eyes and skin.
R32- Contact with acids liberates very toxic gas.
R50- Very toxic to aquatic organisms.
R50/53- Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Full text of classifications referred to in sections 2 and 3 - Italy : O - Oxidising
T+ - Very toxic
T - Toxic
C - Corrosive
Xn - Harmful
Xi - Irritant
N - Dangerous for the environment.

Full text of R phrases referred to in sections 2 and 3 - Portugal : R8- Contact with combustible material may cause fire.
R10- Flammable.
R28- Very toxic if swallowed.
R25- Toxic if swallowed.
R22- Harmful if swallowed.
R35- Causes severe burns.
R36/37/38- Irritating to eyes, respiratory system and skin.
R36/38- Irritating to eyes and skin.
R32- Contact with acids liberates very toxic gas.
R50- Very toxic to aquatic organisms.
R50/53- Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic

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environment.
Full text of classifications referred to in sections 2 and 3 - Portugal : O - Oxidising
T+ - Very toxic
T - Toxic
C - Corrosive
Xn - Harmful
Xi - Irritant
N - Dangerous for the environment.

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