

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Article
Product name : Blyscan sGAG Assay Kit
UFI : 04ES-P1FG-Q00A-3QUG
V6ES-614W-000U-S2EJ
Type of product : Laboratory testing kit containing dyes, reagents, standards, etc.
Other means of identification : Blyscan Dissociation Reagent (110ml) UFI:04ES-P1FG-Q00A-3QUG
Blyscan Acetic Acid (15ml) UFI:V6ES-614W-000U-S2EJ

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

Relevant identified uses

Intended for general public
Main use category : Professional use
Use of the substance/mixture : Dye-binding method for the analysis of sulphated proteoglycans and glycosaminoglycans.

Uses advised against

Restrictions on use : Use only for intended applications.

1.3. Details of the supplier of the safety data sheet

Biocolor Ltd
Catalyst Concourse Building 2
20 Queens Road
Titanic Quarter
BT3 9DT Belfast
United Kingdom
T +44 (0) 2893 350 258
info@biocolor.co.uk, www.biocolor.co.uk

1.4. Emergency telephone number

Emergency number : +44 (0) 2893 350 258 (Mon-Fri 08:30-16:30)

Country/Area	Organisation/Company	Address	Emergency number	Comment
United Kingdom	NHS 111/NHS 24/NHS Direct		111 0845 4647	or call a doctor
United Kingdom	National Poisons Information Service (Belfast Centre) Royal Victoria Hospital	Grosvenor Road BT12 6BA	0344 892 0111	Only for healthcare professionals

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin corrosion/irritation, Category 2 H315
Serious eye damage/eye irritation, Category 1 H318
Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

None under normal use.

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2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)

:



GHS05

Signal word (CLP)

: Danger

Contains

: Sodium dodecyl sulphate; Sodium nitrite ; Ammonium sulphamidate; acetic acid

Hazard statements (CLP)

: H315 - Causes skin irritation.

H318 - Causes serious eye damage.

Precautionary statements (CLP)

: P264 - Wash hands thoroughly after handling.

P280 - Wear protective clothing, eye protection, face protection.

P302+P352 - IF ON SKIN: Wash with plenty of water.

P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 - Immediately call a doctor, a POISON CENTER.

P332+P313 - If skin irritation occurs: Get medical advice/attention.

P362+P364 - Take off contaminated clothing and wash it before reuse.

P501 - Dispose of contents and container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

Extra phrases

: The classification, labelling and advice given for this kit is based on the following hazardous components:

110ml Blyscan Dissociation Reagent H318

15ml Blyscan Acetic Acid H315, H319.

Child-resistant fastening

: Not applicable

Tactile warning

: Not applicable

2.3. Other hazards

Other hazards which do not result in classification : None under normal conditions.

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

Contains no PBT and/or vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII

Component	
Substance(s) not meeting the PBT criteria of REACH regulation, in accordance with Annex XIII	Sodium dodecyl sulphate (151-21-3), hydrochloric acid (7647-01-0), acetic acid (64-19-7)
Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII	Sodium dodecyl sulphate (151-21-3), hydrochloric acid (7647-01-0), acetic acid (64-19-7)

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
acetic acid substance with national workplace exposure limit(s) (GB); substance with a Community workplace exposure limit (Note B)	CAS-No.: 64-19-7 EC-No.: 200-580-7 EC Index-No.: 607-002-00-6 REACH registration No.: 01-2119475328-30	20 – 30	Flam. Liq. 3, H226 Skin Corr. 1A, H314

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Ammonium sulphamidate substance with national workplace exposure limit(s) (GB)	CAS-No.: 7773-06-0 EC-No.: 231-871-7	5 – 15	Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight)
Sodium dodecyl sulphate	CAS-No.: 151-21-3 EC-No.: 205-788-1 REACH registration No.: 01-2119489461-32	1 – 10	Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight) Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412
Sodium nitrite	CAS-No.: 7632-00-0 EC-No.: 231-555-9 EC Index-No.: 007-010-00-4 REACH registration No.: 01-2119471836-27	1 – 5	Ox. Sol. 3, H272 Acute Tox. 3 (Oral), H301 (ATE=100 mg/kg bodyweight) Aquatic Acute 1, H400
hydrochloric acid substance with national workplace exposure limit(s) (GB); substance with a Community workplace exposure limit (Note B)	CAS-No.: 7647-01-0 EC-No.: 231-595-7 EC Index-No.: 017-002-01-X REACH registration No.: 01-2119484862-27	< 0.25	Skin Corr. 1B, H314 STOT SE 3, H335

Specific concentration limits:		
Name	Product identifier	Specific concentration limits (%)
acetic acid	CAS-No.: 64-19-7 EC-No.: 200-580-7 EC Index-No.: 607-002-00-6 REACH registration No.: 01-2119475328-30	(10 ≤ C < 25) Skin Irrit. 2; H315 (10 ≤ C < 25) Eye Irrit. 2; H319 (25 ≤ C < 90) Skin Corr. 1B; H314 (90 ≤ C ≤ 100) Skin Corr. 1A; H314
Sodium dodecyl sulphate	CAS-No.: 151-21-3 EC-No.: 205-788-1 REACH registration No.: 01-2119489461-32	(10 ≤ C < 20) Eye Irrit. 2; H319 (20 ≤ C < 100) Eye Dam. 1; H318
hydrochloric acid	CAS-No.: 7647-01-0 EC-No.: 231-595-7 EC Index-No.: 017-002-01-X REACH registration No.: 01-2119484862-27	(10 ≤ C < 25) Skin Irrit. 2; H315 (10 ≤ C < 25) Eye Irrit. 2; H319 (10 ≤ C ≤ 100) STOT SE 3; H335 (25 ≤ C ≤ 100) Skin Corr. 1B; H314

Comments : The substances are listed as the highest % present in any of the kit components. The classification, labelling and advice given for this kit is based on the following hazardous components:
110ml Blyscan Dissociation Reagent H318
15ml Blyscan Acetic Acid H315, H319

Note B: Some substances (acids, bases, etc.) are placed on the market in aqueous solutions at various concentrations and, therefore, these solutions require different classification and labelling since the hazards vary at different concentrations. In Part 3 entries with Note B have a general designation of the following type: 'nitric acid ... %'. In this case the supplier must state the percentage concentration of the solution on the label. Unless otherwise stated, it is assumed that the percentage concentration is calculated on a weight/weight basis.

Full text of H- and EUH-statements: see section 16

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SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: The classification, labelling and advice given for this kit is based on the following hazardous components: 110ml Blyscan Dissociation Reagent H318 15ml Blyscan Acetic Acid H315, H319.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms, call a doctor.
First-aid measures after skin contact	: Take off contaminated clothing and wash it before reuse. Gently wash with plenty of soap and water. If symptoms persist call a doctor.
First-aid measures after eye contact	: Remove contact lenses, if present and easy to do. Continue rinsing. In case of contact, immediately rinse eyes with plenty of water for at least 15 minutes. Get immediate medical advice/attention.
First-aid measures after ingestion	: If swallowed: rinse mouth. Do NOT induce vomiting. Drink plenty of water. Get medical advice/attention if you feel unwell.

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

Symptoms/effects after inhalation	: None.
Symptoms/effects after skin contact	: Causes skin irritation.
Symptoms/effects after eye contact	: Causes serious eye damage.
Symptoms/effects after ingestion	: None.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Use extinguishing agent suitable for surrounding fire. Dry chemical, CO2, or water spray or regular foam.
Unsuitable extinguishing media	: None.

5.2. Special hazards arising from the substance or mixture

No additional information available

5.3. Advice for firefighters

Firefighting instructions	: Do not allow run-off from fire-fighting to enter drains or water courses.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Avoid contact with skin and eyes.
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For non-emergency personnel

Protective equipment	: For further information refer to section 8: "Exposure controls/personal protection".
Emergency procedures	: No action shall be taken without appropriate training or involving any personal risk. Do not get in eyes, on skin, or on clothing.

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".
Emergency procedures	: Wear personal protective equipment. Stop leak if safe to do so. Ventilate area. Clear up spills immediately and dispose of waste safely. Follow precautions for safe handling described in this safety data sheet. Always wash hands after handling the product.

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6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Contain or absorb spilled liquid with earth or other absorbent material. Take up mechanically (sweeping, shovelling) and collect in suitable container for disposal. After cleaning, flush traces away with water.

6.4. Reference to other sections

SECTION 8. SECTION 11. SECTION 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes.
Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Take off immediately all contaminated clothing and wash it before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep container tightly closed. Keep cool.
Incompatible products : Keep away from food, drink and animal feedingstuffs.

7.3. Specific end use(s)

Dye-binding method for the analysis of sulphated proteoglycans & glycosaminoglycans.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

National occupational exposure and biological limit values

Ammonium sulphamidate (7773-06-0)	
United Kingdom - Occupational Exposure Limits	
Local name	Ammonium sulphamidate
WEL TWA (OEL TWA)	10 mg/m³
WEL STEL (OEL STEL)	20 mg/m³
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE
hydrochloric acid (7647-01-0)	
EU - Indicative Occupational Exposure Limit (IOEL)	
Local name	Hydrogen chloride
IOEL TWA	8 mg/m³
	5 ppm
IOEL STEL	15 mg/m³
	10 ppm
Regulatory reference	COMMISSION DIRECTIVE 2000/39/EC
United Kingdom - Occupational Exposure Limits	
Local name	Hydrogen chloride
WEL TWA (OEL TWA)	2 mg/m³ gas and aerosol mists

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hydrochloric acid (7647-01-0)	
	1 ppm gas and aerosol mists
WEL STEL (OEL STEL)	8 mg/m ³ gas and aerosol mists
	5 ppm gas and aerosol mists
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

acetic acid (64-19-7)	
EU - Indicative Occupational Exposure Limit (IOEL)	
Local name	Acetic acid
IOEL TWA	25 mg/m ³
	10 ppm
IOEL STEL	50 mg/m ³
	20 ppm
Regulatory reference	COMMISSION DIRECTIVE (EU) 2017/164

United Kingdom - Occupational Exposure Limits	
Local name	Acetic acid
WEL TWA (OEL TWA)	25 mg/m ³
	10 ppm
WEL STEL (OEL STEL)	50 mg/m ³
	20 ppm
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

DNEL and PNEC

Sodium dodecyl sulphate (151-21-3)	
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	4060 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	285 mg/m ³
DNEL/DMEL (General population)	
Long-term - systemic effects, oral	24 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	85 mg/m ³
Long-term - systemic effects, dermal	2440 mg/kg bodyweight/day
PNEC (Water)	
PNEC aqua (freshwater)	0.176 mg/l
PNEC aqua (marine water)	0.0176 mg/l
PNEC aqua (intermittent, freshwater)	0.055 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	6.97 mg/kg dwt
PNEC sediment (marine water)	0.697 mg/kg dwt
PNEC (Soil)	
PNEC soil	1.29 mg/kg dwt

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Sodium dodecyl sulphate (151-21-3)	
PNEC (STP)	
PNEC sewage treatment plant	1.35 mg/l
Sodium nitrite (7632-00-0)	
DNEL/DMEL (Workers)	
Acute - systemic effects, inhalation	2 mg/m ³
Long-term - systemic effects, inhalation	2 mg/m ³
PNEC (Water)	
PNEC aqua (freshwater)	5.4 µg/L
PNEC aqua (marine water)	6.16 µg/L
PNEC aqua (intermittent, freshwater)	5.4 µg/L
PNEC (Sediment)	
PNEC sediment (freshwater)	0.0195 mg/kg dwt
PNEC sediment (marine water)	0.0223 mg/kg dwt
PNEC (Soil)	
PNEC soil	0.000733 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	21 mg/l
Ammonium sulphamidate (7773-06-0)	
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	3.33 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	11.67 mg/m ³

8.2. Exposure controls

Appropriate engineering controls

Appropriate engineering controls:

Good standard of general ventilation.

Personal protection equipment

Personal protective equipment:

Safety glasses. Gloves.

Personal protective equipment symbol(s):



Eye and face protection

Eye protection:

ISO 16321-1

Skin protection

Hand protection:

Protective gloves made of latex. Nitrile rubber gloves, natural rubber gloves. PVC gloves. ISO 374-1

Respiratory protection

Respiratory protection:

No respiratory protection needed under normal use conditions

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Blyscan Dye Reagent 110ml is blue, the rest of the components are colourless.
Odour	: Blyscan Acetic Acid 15 ml solution has an acetic acid odour, the rest of the components are odourless.
Odour threshold	: Not available
Melting point	: Not available
Freezing point	: Not available
Boiling point	: Not available
Flammability	: Not available
Lower explosion limit	: Not available
Upper explosion limit	: Not available
Flash point	: > 100 °C
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
pH	: Not available
Viscosity, kinematic	: Not available
Solubility	: Miscible with water.
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: Not available
Vapour pressure at 50°C	: Not available
Density	: Not available
Relative density	: Not available
Relative vapour density at 20°C	: Not available
Particle characteristics	: Not applicable

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

None.

10.2. Chemical stability

Stable under normal conditions of use.

10.3. Possibility of hazardous reactions

None under normal use.

10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

10.5. Incompatible materials

Strong oxidizing agents. alkalis.

10.6. 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 hazard classes as defined in Regulation (EC) No 1272/2008

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

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Acute toxicity (inhalation) : Not classified

Sodium dodecyl sulphate (151-21-3)

LD50 oral	977 mg/kg bodyweight
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LD50 dermal	580 mg/kg bodyweight

Sodium nitrite (7632-00-0)

LD50 oral rat	180 mg/kg bodyweight Animal: rat, Animal sex: male
LD50 oral	180 mg/kg bodyweight

Ammonium sulphamidate (7773-06-0)

LD50 oral rat	2500 mg/kg bodyweight
LD50 dermal rat	2000 mg/kg bodyweight

hydrochloric acid (7647-01-0)

LD50 dermal	> 5010 mg/kg bodyweight
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acetic acid (64-19-7)

LD50 oral rat	3310 mg/kg bodyweight Animal: rat
LD50 oral	4960 mg/kg bodyweight Animal: mouse
LD50 dermal	1060 mg/kg bodyweight
LC50 Inhalation - Rat [ppm]	5620 ppm/4h

Skin corrosion/irritation : Causes skin irritation.

Sodium dodecyl sulphate (151-21-3)

pH	9.1 Concentration: 1 other:
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Serious eye damage/irritation : Causes serious eye damage.

Sodium dodecyl sulphate (151-21-3)

pH	9.1 Concentration: 1 other:
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Respiratory or skin sensitisation : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Not classified
STOT-single exposure : Not classified

hydrochloric acid (7647-01-0)

STOT-single exposure	May cause respiratory irritation.
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STOT-repeated exposure : Not classified

Sodium nitrite (7632-00-0)

NOAEL (subchronic, oral, animal/male, 90 days)	220 mg/kg bodyweight Animal: mouse, Animal sex: male
NOAEL (subchronic, oral, animal/female, 90 days)	165 mg/kg bodyweight Animal: mouse, Animal sex: female

Ammonium sulphamidate (7773-06-0)

NOAEL (oral, rat, 90 days)	1000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test), Guideline: other:
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acetic acid (64-19-7)

NOAEL (oral, rat, 90 days)	290 mg/kg bodyweight Animal: rat, Animal sex: male
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Aspiration hazard : Not classified

acetic acid (64-19-7)

Viscosity, kinematic	1.015 mm²/s
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11.2. Information on other hazards

Other information

Other information : The classification, labelling and advice given for this kit is based on the following hazardous components:
110ml Blyscan Dissociation Reagent H318
15ml Blyscan Acetic Acid H315, H319

SECTION 12: Ecological information

12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute) : Not classified

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

Sodium dodecyl sulphate (151-21-3)

LC50 - Fish [1]	29 mg/l Test organisms (species): Pimephales promelas
EC50 - Other aquatic organisms [1]	11.1 mg/l Test organisms (species): other aquatic crustacea:
EC50 - Other aquatic organisms [2]	> 120 mg/l
EC50 72h - Algae [1]	> 120 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
EC50 72h - Algae [2]	53 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
NOEC chronic fish	≥ 1.357 mg/l Test organisms (species): Pimephales promelas Duration: '42 d'

Sodium nitrite (7632-00-0)

LC50 - Fish [1]	0.54 – 26.3 mg/l
EC50 - Crustacea [1]	114.9 mg/l
EC50 - Other aquatic organisms [1]	15.4 mg/l waterflea
EC50 72h - Algae [1]	100 mg/l
NOEC (chronic)	1.05 – 21 mg/l

Ammonium sulphamidate (7773-06-0)

LC50 - Fish [1]	100 mg/l
EC50 - Crustacea [1]	100 mg/l
EC50 72h - Algae [1]	6.1 – 86 mg/l
EC50 72h - Algae [2]	6.1 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)

hydrochloric acid (7647-01-0)

LC50 - Fish [1]	3.25 mg/l
EC50 - Other aquatic organisms [1]	4.92 mg/l waterflea
EC50 - Other aquatic organisms [2]	4.5 mg/l

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acetic acid (64-19-7)	
LC50 - Fish [1]	300.82 mg/l
LC50 - Fish [2]	> 300.82 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)
EC50 - Crustacea [1]	> 1000 mg/l Test organisms (species): Daphnia magna
EC50 - Crustacea [2]	> 300.82 mg/l Test organisms (species): Daphnia magna
EC50 - Other aquatic organisms [1]	> 1000 mg/l waterflea
EC50 72h - Algae [1]	> 1000 mg/l Test organisms (species): Skeletonema costatum
EC50 72h - Algae [2]	> 300.82 mg/l Test organisms (species): Skeletonema costatum

12.2. Persistence and degradability

Blyscan sGAG Assay Kit	
Persistence and degradability	Rapidly degradable
Sodium dodecyl sulphate (151-21-3)	
Persistence and degradability	Not rapidly degradable
Sodium nitrite (7632-00-0)	
Persistence and degradability	Not rapidly degradable
Ammonium sulphamidate (7773-06-0)	
Persistence and degradability	Not rapidly degradable
hydrochloric acid (7647-01-0)	
Persistence and degradability	Not rapidly degradable
acetic acid (64-19-7)	
Persistence and degradability	Readily biodegradable.

12.3. Bioaccumulative potential

Blyscan sGAG Assay Kit	
Bioaccumulative potential	Bioaccumulation unlikely.
Sodium dodecyl sulphate (151-21-3)	
Partition coefficient n-octanol/water (Log Pow)	< 3
acetic acid (64-19-7)	
Partition coefficient n-octanol/water (Log Pow)	-0.17 @ 20°C
Bioaccumulative potential	There is no bioaccumulation.

12.4. Mobility in soil

Blyscan sGAG Assay Kit	
Ecology - soil	Miscible with water. Expected to be highly mobile in soil.

12.5. Results of PBT and vPvB assessment

Blyscan sGAG Assay Kit	
This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII	

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This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

Component

Substance(s) not meeting the PBT criteria of REACH regulation, in accordance with Annex XIII	Sodium dodecyl sulphate (151-21-3), hydrochloric acid (7647-01-0), acetic acid (64-19-7)
Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII	Sodium dodecyl sulphate (151-21-3), hydrochloric acid (7647-01-0), acetic acid (64-19-7)

12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : This material and its container must be disposed of as hazardous waste. Incineration is recommended however disposal methods must take into account the substances added to the kit by the end user. Dyes must never be disposed of to drains or water courses.

HP Code : HP8 - "Corrosive:" waste which on application can cause skin corrosion.

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

ADR	IMDG	IATA	ADN	RID
14.1. UN number or ID number				
Not regulated for transport				
14.2. UN proper shipping name				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.4. Packing group				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.5. Environmental hazards				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
No supplementary information available				

14.6. Special precautions for user

Overland transport

Not regulated

Transport by sea

Not regulated

Air transport

Not regulated

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Inland waterway transport

Not regulated

Rail transport

Not regulated

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

EU-Regulations

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (2024/590)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 2024/590 on substances that deplete the ozone layer)

Council Regulation (EC) for the control of dual-use items

Contains no substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

Explosives Precursors Regulation (EU 2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug Precursors Regulation (EC 273/2004)

Contains substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

Name	CN designation	CAS-No.	CN code	Category, Subcategory	Threshold	Annex
Hydrochloric acid	Hydrogen chloride	7647-01-0	2806 10 00	Category 3		Annex I

15.2. Chemical safety assessment

For the following substances of this mixture a chemical safety assessment has been carried out:

Sodium dodecyl sulphate
Sodium nitrite
Ammonium sulphamidate
hydrochloric acid
acetic acid

SECTION 16: Other information

Indication of changes		
Section	Changed item	Comments
	Revision date	Modified
	Supersedes	Modified

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Indication of changes		
Section	Changed item	Comments
	Generic OEL data	Update Refreshed
	UFI on SDS 1.1	Added
	Kit Component Names	Modified

Abbreviations and acronyms:	
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS-No.	Chemical Abstracts Service number
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC50	Median effective concentration
EC-No.	European Community number
IATA	International Air Transport Association
IBC code	International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk (IMO)
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
NOAEL	No-Observed Adverse Effect Level
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
vPvB	Very Persistent and Very Bioaccumulative

Data sources : ECHA (European Chemicals Agency). Supplier's safety documents.

Full text of H- and EUH-statements:	
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Ox. Sol. 3	Oxidising Solids, Category 3
Skin Corr. 1A	Skin corrosion/irritation, Category 1, Sub-Category 1A
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B

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Full text of H- and EUH-statements:

Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation
H226	Flammable liquid and vapour.
H272	May intensify fire; oxidiser.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H412	Harmful to aquatic life with long lasting effects.

Safety Data Sheet (SDS), EU, 2025

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.