

Safety Data Sheet

According to GB CLP classification



Biological Urinal Cap

Version 1.0

Issue date: 24-02-2021

Revision date: 24-02-2021

SDS Record Number: CSSS-TCO-010-143689

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

1.1 Product identifier:

Product code BC211. Biological Urinal Cap
Identification on the label/Trade name: Nanoform is NOT covered by this SDS.
Additional identification: Not available
UFI: See section 3
Identification of the product: See section 3
Index Number: See section 3
REACH registration No.: See section 3

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

1.2.1 Identified uses:

Clean the urinal and deodorize.

1.2.2 Uses advised against:

Not available.

1.3 Details of the supplier of the safety data sheet:

Supplier: Jangro Limited Supplier: Jangro Ltd Europe
Address: Jangro House, Worsley Way, Farnworth, Bolton, BL4 9LU Address: 6-9 Trinity Street, Dublin 2, D02 EY47, Ireland
E-mail: enquiries@jangrohq.net Telephone: 01 617 7911
Telephone: 01204 795 955 Email: enquiries@jangrohq.net
Fax: 01204 579499

1.4 Emergency telephone Number:

01204 795 955 (Only available during office hours (9:00a.m.-17:30p.m.))

Available outside office hours? YES NO

Section 2 Hazards Identification

2.1 Classification of the substance or mixture:

2.1.1 Classification of the mixture:

The mixture is classified as following according to GB CLP:

GB CLP	
Hazard classes/Hazard categories	Hazard statement
Skin Irrit. 2	H315
Skin Sens. 1	H317
Eye dam.1	H318

For full text of H- phrases: see section 2.2.

2.2 Label elements:

Hazard pictogram(s):



Signal word:

Danger

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Hazard statement(s):

H315: Causes skin irritation.
 H317: May cause an allergic skin reaction.
 H318: Causes serious eye damage.

Precautionary statement(s):

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
 P264: Wash hands thoroughly after handling.
 P272: Contaminated work clothing should not be allowed out of the workplace.
 P280: Wear protective gloves/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 POISON CENTER/doctor.
 P333 + P313: If skin irritation or rash occurs: Get medical advice/attention.
 P362 + P364: Take off contaminated clothing and wash it before reuse.
 P501: Dispose of contents/container in accordance with local/regional/national/international regulations.

Supplemental Hazard information

Not applicable.

2.3 Other hazards:

The mixture does not contain PBT/vPvB substance.
 The mixture does not contain endocrine disruptor.

Section 3 Composition/information on ingredients**Substance/Mixture:**

Mixture

Ingredient(s):

Chemical Name	Registration No.	CAS No.	EC No.	Concentration	Classification	Specific Concentration limits, M-Factors, Acute Toxicity Estimates (ATE)
Sodium sulfate	N/A	7757-82-6	231-820-9	46%	Not Classified	N/A
Sodium Bicarbonate	N/A	144-55-8	205-633-8	20%	Not Classified	N/A
Cellulose Sodium	N/A	61789-40-0	263-058-8	16%	H315; H317; H319; H412;	N/A
Sodium Dodecyl benzene Sulfonate	N/A	25155-30-0	246-680-4	15%	H302; H315; H318;	N/A
Blue	N/A	3844-45-9	223-339-8	2%	Not Classified	N/A
Perfume	N/A	-	-	1%	Not available	N/A

Section 4 First aid measures**4.1 Description of first aid measures:**

In all cases of doubt, or when symptoms persist, seek medical attention.

4.1.1 In case of inhalation:

Remove from exposure and move to fresh air immediately. Rest.

4.1.2 In case of skin contact:

Wash skin with plenty of water and soap.

4.1.3 In case of eyes contact:

Rinse eyes with plenty of water for at least 15 minutes (remove contact lenses if easily possible), occasionally lifting the

upper and lower eyelids. Get medical aid.

4.1.4 In case of ingestion:

Wash mouth out with water. Drink water to dilute, get medical aid in case of ingestion of large amounts.

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

Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage.

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

If skin irritation or rash occurs, get medical advice/attention.

Section 5 Firefighting measures

5.1 Extinguishing media:

Suitable extinguishing media: Dry powder.

Unsuitable extinguishing media: Not available.

5.2 Special hazards arising from the substance or mixture

No further relevant information available.

5.3 Advice for firefighters:

In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment. Wear chemical resistant oversuit. Cool containers / tanks with water spray.

Section 6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

6.1.1 For non-emergency personnel: Prevent further leakage or spillage if safe to do so. Keep away from incompatible products.

6.1.2 For emergency responders: Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Ventilate the area. Wear suitable protective clothing.

6.2 Environmental Precautions:

Avoid disposing into drainage/sewer system or directly into the aquatic environment.

6.3 Methods and material for Containment and Cleaning up:

Sweep up and shovel into suitable containers. Clean up affected area.

6.4 Reference to other sections:

See Section 8 for information on personal protection equipment.

See Section 13 for information on disposal.

Section 7 Handling and storage

7.1 Precautions for safe handling:

7.1.1 Protective measures: Ensure good ventilation/exhaustion at the workplace. Wash thoroughly after handling.

7.1.2 Advice on general occupational hygiene: Do not eat, drink and smoke in work areas. Wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas.

7.2 Conditions for safe storage, including any incompatibilities:

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

7.3 Specific end use(s):

Not applicable.

Section 8 Exposure Controls/Personal Protection

8.1 Control parameters:

8.1.1 Occupational exposure limits:

				Occupational Exposure Limit Value (8-hour reference)	Occupational Exposure Limit Value (15-minute reference period)

				period)				
Country	Substance	EC No.	CAS No.	ppm	mg/m ³	ppm	mg/m ³	Note
Lithuania	Natrio sulfatas	231-820-9	7757-82-6	-	10	-	-	-

8.1.2 Additional exposure limits under the conditions of use: Not available.

8.1.3 DNEL/DMEL and PNEC-Values: Not available.

8.2 Exposure controls:

8.2.1 Appropriate engineering controls: Ensure adequate ventilation. Apply technical measures to comply with the occupational exposure limits.

8.2.2 Individual protection measures, such as personal protective equipment:

Eye/face protection: No special requirements.

Skin protection

Hand protection: No special requirements. Wear gloves if necessary.

Body protection: No special requirements.

Respiratory protection: No special requirements.

Thermal hazards: Wear suitable protective clothing to prevent heat.

8.2.3 Environmental exposure controls: Avoid discharge into the environment.

According to local regulations, Federal and official regulations.

Section 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties:

Appearance:	Solid
Colour:	Not available
Odour:	Not available
Odour threshold:	Not available
pH:	Not available
Melting point/range (°C):	880-886 °C (CAS#7757-82-6)
Boiling point/range (°C):	Not available
Flash point (°C):	Not available
Evaporation rate:	Not available
Flammability limit - lower (%):	Not available
Flammability (solid, gas):	Not available
Ignition temperature (°C):	Not available
Upper/lower explosive limits:	Not available
Vapour pressure (20°C):	Not available
Vapour density:	Not available
Relative Density:	2.7 (20°C, CAS#7757-82-6)
Bulk density (kg/m³):	Not available
Water solubility (g/l):	445.5 g/L (20°C, CAS#7757-82-6)
n-Octanol/Water (log Po/w):	-4.38 (CAS#7757-82-6)
Auto-ignition temperature:	> 400 °C (CAS#7757-82-6)
Decomposition temperature:	> 884 °C (CAS#7757-82-6)
Viscosity, dynamic (mPa.s):	2.481 (20°C, CAS#7757-82-6)
Explosive properties:	Not explosive
Oxidising properties:	Not oxidising

9.2. Other information:

Fat solubility(solvent-oil to be specified) Not available

etc:

Surface tension:	71 mN/m (20°C, CAS#7757-82-6)
Dissociation constant in water(pKa):	Not available
Oxidation-reduction Potential:	Not available

Section 10 Stability and reactivity

10.1 Reactivity:	The substance is stable under normal storage and handling conditions.
10.2 Chemical stability:	Stable at room temperature in closed containers under normal storage and handling conditions.
10.3 Possibility of hazardous reactions:	No dangerous reactions known.
10.4 Conditions to avoid:	Incompatible materials.
10.5 Incompatible materials:	Strong oxidizing agents.
10.6 Hazardous decomposition products:	Carbon oxides.

Section 11 Toxicological information

11.1 Information on hazard classes as defined in GB CLP:

Acute toxicity:

ATE _{mix} (oral):	4333.33 mg/kg
ATE _{mix} (inhalation):	Not available
ATE _{mix} (Dermal):	Not available

Sodium sulfate (CAS: 7757-82-6)

LD50(Oral, Rat):	> 2000 mg/kg bw(female)
LC50(Inhalation, Rat):	Not available
LD50(Dermal, Rabbit):	Not available

Cellulose Sodium (CAS: 61789-40-0)

LD50(Oral, Rat):	> 5000 mg/kg bw
LC50(Inhalation, Rat):	Not available
LD50(Dermal, Rat):	> 2000 mg/kg bw

Sodium Dodecyl benzene Sulfonate (CAS: 25155-30-0)

LD50(Oral, Rat):	650 mg/kg bw
LC50(Inhalation, Rat):	310 mg/m ³ air
LD50(Dermal, Rabbit):	2000 mg/kg bw

Skin corrosion/Irritation:	Causes skin irritation.
Serious eye damage/irritation:	Causes serious eye damage.
Respiratory or skin sensitization:	May cause an allergic skin reaction.
Germ cell mutagenicity:	Not classified
Carcinogenicity:	Not classified
Reproductive toxicity:	Not classified
STOT- single exposure:	Not classified
STOT-repeated exposure:	Not classified
Aspiration hazard:	Not classified

11.2 Information on other hazards

Endocrine disrupting properties	The mixture does not contain endocrine disruptor.
Other information	Not applicable

Section 12 Ecological information

Product name: Biological Urinal Cap
Version #: 1.0 Issue date: 24-02-2021.

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12.1 Toxicity:

Sodium sulfate (CAS: 7757-82-6)

Acute (short-term) toxicity:

LC50(96h, Fish): 7960 mg/L

LC50(48h, Crustacea): 1766 mg/L

EC50(72h, Algae/aquatic plants): Not available

Chronic (long-term) toxicity:

NOEC(Fish): Not available

NOEC(Crustacea): Not available

EC50(Algae/aquatic plants): Not available

12.2 Persistence and degradability: Not available.

12.3 Bioaccumulative potential: Not available.

12.4 Mobility in soil: Not available.

12.5 Results of PBT and vPvB assessment: The mixture does not contain PBT / vPvB substance.

12.6 Endocrine disrupting properties: The mixture does not contain endocrine disruptor.

12.7 Other adverse effects: Not available.

12.8 Additional information: Not available.

Section 13 Disposal considerations

13.1 Waste treatment methods: Dispose of in accordance with all applicable local and national regulations.

Section 14 Transport information

	Land transport (ADR/RID)	Inland waterways (ADN)	Sea transport (IMDG)	Air transport (ICAO/IATA)
14.1 UN number or ID number	Not regulated	Not regulated	Not regulated	Not regulated
14.2 UN Proper shipping name	Not regulated	Not regulated	Not regulated	Not regulated
14.3 Transport hazard Class(es)	Not regulated	Not regulated	Not regulated	Not regulated
14.4 Packing group	Not regulated	Not regulated	Not regulated	Not regulated
14.5 Environmental hazards	No	No	No	No
14.6 Special precautions for user	See section 2.2	See section 2.2	See section 2.2	See section 2.2
14.7 Maritime transport in bulk according to IMO instruments	Not regulated	Not regulated	Not regulated	Not regulated

Section 15 Regulatory information

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

Relevant information regarding authorization: Not applicable.

Relevant information regarding restriction: Not applicable.

Other GB regulations:

Employment restrictions concerning young person must be observed.

For use only by technically qualified individuals.

Other National regulations:

Not applicable

15.2 Chemical safety assessment

YES

NO

Section 16 Other information**16.1 Indication of changes:**

Version 1.0 Amended by GB CLP

16.2 Abbreviations and acronyms:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

RID: Regulation for rail International transportation of Dangerous goods

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

IMDG: Code international maritime dangerous goods code

ICAO: International Civil Aviation Organization

IATA: International Air Transport Association

UFI: Unique Formula Identifier

LC50: median lethal concentration

EC50: The effective concentration of substance that causes 50% of the maximum response.

NOEC: No Observed Effect Concentration

DNEL: derived no-effect level

PNEC: predicted no-effect concentration

16.3 Key literature references and sources for data

ECHA Registered substances data

16.4 Classification and procedure used to derive the classification for mixtures according to GB CLP

Classification according to GB CLP		Classification procedure
Skin Irrit. 2	H315	On basis of concentration limit
Skin Sens. 1	H317	On basis of concentration limit
Eye dam.1	H318	On basis of concentration limit

16.5 Relevant H-statements (number and full text):

H302: Harmful if swallowed.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H412: Harmful to aquatic life with long lasting effects.

16.6 Training instructions:

Not applicable.

16.7 Further information:

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

16.8 Notice to reader:

Employers should use this information only as a supplement to other information gathered by them, and should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.

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