



CSI URINE FLOOR & SURFACE CLEANER

SAFETY DATA SHEET

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

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Compilation Date: 07.10.2022

Revision No: 1

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

1.1. Product identifier

Product form: Mixture
Product name: CSI URINE – FLOOR & SURFACE CLEANER CONCENTRATE

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

Use of substance/mixture: An effective biotechnological cleaner for all hard surfaces
Uses advised against: No additional information available

1.3. Details of the supplier of the safety data sheet

Company name: Doogie Stuff Ltd
4-6 Swaby's Yard
Walkergate
Beverley HU17 9BZ, UK
Tel: +44 (0)1628 621010
Email: enquiries@doogiestuff.com

1.4. Emergency telephone number

Emergency tel: +44 (0)1628 621010 (Mon-Fri 9am-5pm)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: (EG) No. 1272/2008: H319, EUH208
Most important adverse effects: Serious eye damage/eye irritation, Category 2
Contains 1,2-benzisothiazolin-3-one. May produce an allergic reaction.
Full text of **H-** and EUH-statements: see section 16
Adverse physicochemical, human health and environmental effects: Causes eye irritation. Presents no particular risk to the environment.

2.2. Label elements

Label elements: (EG) No. 1272/2008:

Hazard pictograms:



GHS07

Signal word: Warning

Hazard statements: H319 - Causes serious eye irritation.
EUH208: Contains 1,2-benzisothiazolin-3-one. May produce an allergic reaction.

Precautionary statements: P102: Keep out of reach of children.
P262 - Do not get in eyes, on skin, or on clothing.
P302+P350: IF ON SKIN: Gently wash with plenty of soap and 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.
P333+P313: If skin irritation or rash occurs: Get medical advice/attention.
P337+P313: If eye irritation persists: Get medical advice/attention.

2.3. Other hazards

Other Hazards: Contains enzymes. Avoid breathing product spray.
PBT: This product is not identified as a PBT/PVB substance.



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Section 3: Composition/information on ingredients

3.2. Mixtures

Non-classified ingredients:

1,2-BENZISOTHIAZOLIN-3-ONE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
220-120-9	2634-33-5	-	Acute Tox. 4: H302; Skin Irrit. 2: H315; Eye Dam. 1: H318; Skin Sens. 1: H317; Aquatic Acute 1: H400	<1%

C08-10 ALKYL GLUCOSIDE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
500-220-1	68515-73-1	-	Eye Dam. 1: H318	≥ 3% - <5%
Specific concentration limits: (3 C < 9.99) Eye Irrit. 2, H319 (10 C < 100) Eye Dam. 1, H318				

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

Section 4: First aid measures

4.1. Description of first aid measures

- General:** If you feel unwell, seek medical advice.
- Skin contact:** Wash immediately with plenty of soap and water. If irritation develops seek medical advice.
- Eye contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
- Ingestion:** Call a poison center or a doctor if you feel unwell.
- Inhalation:** To our knowledge, the product does not present any particular risk, under normal conditions of use. Remove victim to fresh air.

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

- Skin contact:** There may be mild irritation at the site of contact.
- Eye contact:** Direct contact with the eyes is likely to be irritating.
- Ingestion:** May cause irritation to the digestive tract.
- Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.
- Delayed / immediate effects:** To our knowledge, the product does not present any particular risk, under normal conditions of use.

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

- Immediate/special treatment:** Treat symptomatically.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Water spray. Dry powder. Foam. Carbon dioxide.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: None known.

5.3. Advice for fire-fighters

Advice for fire-fighters: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.



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Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- Personal precautions:** Avoid contact with skin and eyes. Wash immediately with plenty of water.
- For non-emergency personnel:**
- Protective equipment:
- Emergency procedures: No special requirement. Avoid contact with skin.
- Measures in case of dust release: Ventilate spillage area. Avoid contact with skin and eyes.
Not applicable (aqueous liquid).
- 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: Wash immediately with plenty of water

6.2. Environmental precautions

- Environmental precautions:** Presents no particular risk to the environment, provided the disposal requirements (see section 13) and national or local regulations are complied with.

6.3. Methods and material for containment and cleaning up

- Clean-up procedures:** Stop leak without risks if possible.
Clean contaminated surfaces with an excess of water.
Small amount of unwanted product may be flushed with water to sewer.

6.4. Reference to other sections

- Reference to other sections:** Refer to section 13 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

- Handling requirements:** Not expected to present a significant hazard under anticipated conditions of normal use. Avoid contact with skin and eyes. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

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

7.3. Specific end use(s)

- Specific end use(s):** No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

- Workplace exposure limits:** Contains no substances with occupational work exposure limits.

DNEL/PNEC Values

DNEL/PNEC:

C08-10 Alkyl glucoside (68515-73-1)	
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	595000 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	420 mg/m ³
DNEL/DMEL (General population)	
Long-term - systemic effects, oral	35.7 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	124 mg/m ³
Long-term - systemic effects, dermal	357000 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)	0.27 mg/l
PNEC (Sediment)	



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PNEC sediment (freshwater)	1.516 mg/kg dwt
PNEC sediment (marine water)	0.152 mg/kg dwt
PNEC (Soil)	
PNEC soil	0.654 mg/kg dwt
PNEC (Oral)	
PNEC oral (secondary poisoning)	111.11 mg/kg food
PNEC (STP)	
PNEC sewage treatment plant	1560 mg/l

8.2. Exposure controls

- Engineering measures:** No special requirement.
- Personal protection equipment:** Wear eye protection. Handling and dilution of concentrates.
- Personal protection equipment (symbols):** 
- Respiratory protection:** Respiratory protection not required under normal use conditions.
- Hand protection:** Wear gloves if prolonged contact with product is likely.
- Eye protection:** Wear eye protection. Handling and dilution of concentrates.
- Skin protection:** No special requirement.
- Environmental:** No special requirement.
- Consumer:** The substance is not classified for human health hazards or for environment effects and it is not PBT or vPvB so that no exposure assessment or risk characterisation is required. For tasks where the intervention of workers is required, the substance must be handled in accordance with good industrial hygiene and safety procedures.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

- State:** Liquid
- Colour:** Blue
- Appearance:** Liquid
- Odour:** Pleasant
- Odour threshold:** Not available
- Melting point:** Not available
- Freezing point:** Not available
- Boiling point:** Not available
- Flammability:** Not applicable
- Explosive limits:** Not available
- Lower explosive limits (LEL):** Not available
- Upper explosive limits (UEL):** Not available
- Flash point:** Not available
- Auto-ignition temp:** Not available
- Decomposition temp:** Not available
- pH:** 7-8
- Viscosity, kinematic:** Not available
- Solubility:** Easily soluble
- 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 size:** Not applicable
- Particle size distribution:** Not applicable
- Particle shape:** Not applicable
- Particle aspect ratio:** Not applicable



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Particle aggregation state: Not applicable
Particle agglomeration state: Not applicable
Particle specific surface area: Not applicable
Particle dustiness: Not applicable

9.2. 9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

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

10.4. Conditions to avoid

Conditions to avoid: None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: None shown.

Section 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

1,2-BENZISOTHIAZOLIN-3-ONE

ORL	MUS	LD50	1150	mg/kg
ORL	RAT	LD50	1020	mg/kg

Hazard	Basis
Acute toxicity (oral)	Not classified
Acute toxicity (dermal)	Not classified
Acute toxicity (inhalation)	Not classified
C08-10 Alkyl glucoside (68515-73-1)	
LD50 oral rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 423 (Acute Oral toxicity - Acute Toxic Class Method), Guideline: EU Method B.1 Iris (Acute Oral Toxicity - Acute Toxic Class Method)
LD50 dermal rabbit	> 2000 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
Skin corrosion/irritation	Not classified pH: 7 - 8
Serious eye damage/irritation	Causes serious eye irritation pH: 7 - 8
Respiratory/skin sensitisation	Not classified
Germ cell mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive toxicity	Not classified
STOT-single exposure	Not classified



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STOT-repeated exposure	Not classified
C08-10 Alkyl glucoside (68515-73-1)	
NOAEL (oral, rat, 90 days)	100 mg/kg bodyweight Animal: rat, Guideline: EU Method 8.26 (Sub-Chronic Oral Toxicity Test: Repeated Dose 90-Day Oral Toxicity Study in Rodents)

11.2. Information on other hazards

Other hazards: No additional information available.

Section 12: Ecological information

12.1. Toxicity

Ecology - general: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

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

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

C08-10 Alkyl glucoside (68515-73-1)	
LC50 - Fish [1]	100.81 mg/l Test organisms (species): Dania rerio (previous name: Brachydanio rerio)
LC50 - Fish [2]	170 mg/l Test organisms (species): Dania rerio (previous name: Brachydanio rerio)
EC50 - Crustacea [1]	> 100 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	27.22 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
EC50 72h - Algae [2]	37 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)

12.2. Persistence and degradability

Persistence and degradability: Readily biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: The product is miscible in water and readily biodegradable in both water and soil. Accumulation is not expected.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not considered to be a PBT/vPvB substance.

12.6. Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.



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Section 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods: Dispose of contents/container in accordance with licensed collector's sorting instructions.

Disposal of packaging: Dispose of as normal industrial waste.

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

Section 14: Transport information

14.1 Transport class:

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

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

Specific regulations: Nr. 1272/2008: Contains no REACH substances with Annex XVII restrictions Contains no substance on the REACH candidate list Contains no REACH Annex XIV substances.
Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.
Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants.
Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

15.2. Chemical Safety Assessment

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

Section 16: Other information

Other information:

Abbreviations and acronyms:	
AND	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
COD	Chemical oxygen demand (COD)
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC-No.	European Community number
EC50	Median effective concentration
EN	European Standard
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development



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OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit
VOC	Volatile Organic Compounds
CAS No.	Chemical Abstract Service number
N.O.S.	Not Otherwise Specified
vPvB	Very Persistent and Very Bioaccumulative
ED	Endocrine disrupting properties

Other information: This safety data sheet is prepared in accordance with Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830
* indicates text in the SDS which has changed since the last revision.
This classification complies with ATP 12

Full text of H- and EUH-statements: Eye Dam. 1: Serious eye damage/eye irritation, Category 1
Eye Irrit. 2: Serious eye damage/eye irritation, Category 2
EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.
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.
H400: Very toxic to aquatic life.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.