



Created: 22/11/21

SAFETY DATA SHEET

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

1.1 Product identifier

- Product Name: Janstar Bathroom, Glass & Mirror Cleaner

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

- Use of the substance/mixture: Bathroom cleaner, which also disinfects and deodorises
- Use advised against: Do not use on gloss painted surfaces

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Out of Eden
- Address of Supplier: Kirkby Stephen
CA17 4AP
UK
- Telephone: +44 (0)1768 372939
- Email: sales@outofeden.co.uk

1.4 Emergency telephone number

- Emergency Telephone: Call NHS 111 or a doctor
- Supplier Telephone: +44 (0)1768 372939 (Office hours 9am to 5pm Monday-Friday (excl. Bank Holidays).

SECTION 2: Hazards identification

This product does not meet the criteria for classification in any hazard class according to Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures. However a safety data sheet is being supplied for it upon request as it contains a substance for which there is a workplace exposure limit

2.1 Classification of the substance or mixture

- Classification (REGULATION (EC) No 1272/2008) [CLP/GHS]: Not Classified
- Additional information: For full text of Hazard- and EU Hazard-statements: see section 16

2.2 Label elements

- Hazard pictograms: None
- Signal Word: None
- Hazard statements
None
- Precautionary statements
None
- Supplemental Hazard information (EU)
EUH210 - Safety data sheet available on request.
Label requirements for the Detergents Regulation (EC 684/2004, 907/2006): Contains amongst other ingredients, disinfectant (benzalkonium chloride) and perfume

2.3 Other hazards

- Not a PBT according to REACH Annex XIII
- Not a vPvB according to REACH Annex XIII

SECTION 3: Composition/information on ingredients

3.1 Substances

- Not applicable

3.2 Mixtures

Contains the following hazardous ingredients or ingredients with a workplace exposure limit:

Chemical Name	Conc.	CAS No.	EC No.	Classification (REGULATION (EC) No 1272/2008) [CLP/GHS]	REACH Registration Number	SCL/ M-Factor/ ATE	WEL/ OEL
Ethanol; Ethyl alcohol	< 0.1%	64-17-5	200-578-6	Flam. Liq. 2, H225	-	Eye Irrit. 2; C ≥ 50 %	Yes
Sodium hydroxide; Caustic soda	< 0.1%	1310-73-2	215-185-5	Met. Corr. 1, H290; Skin Corr. 1A, H314; Eye Dam. 1, H318	01-2119457892 -27-XXXX	Eye Irrit. 2; H319: 0,5 % ≤ C < 2 % Skin Corr. 1A; H314: C ≥ 5 % Skin Corr. 1B; H314: 2 % ≤ C < 5 % Skin Irrit. 2; H315: 0,5 % ≤ C < 2 %	Yes
Diethyl phthalate	< 0.1%	84-66-2	201-550-6	Not classified	-	-	Yes

Information on ingredients as required by the Detergents Regulation (EC 684/2004, 907/2006):

Chemical Name	INCI Name	PH.EUR. Name	CAS No.	Conc.
Water	AQUA	Aqua	7732-18-5	10% or more
Alcohols, C9-11, ethoxylated (9EO)	C9-11 PARETH-9	-	68439-46-3	Less than 0.1 %
Sodium Hydroxide	SODIUM HYDROXIDE	Natrii hydroxidum	1310-73-2	Less than 0.1 %
Sodium Metasilicate Pentahydrate	-	-	10213-79-3	Less than 0.1 %
Quaternary ammonium compounds, benzyl-C12-14 (even-numbered) -alkyldimethyl, chlorides	BENZALKONIUM CHLORIDE	Benzalkonii chloridum	68424-85	Less than 0.1 %
Tetrasodium Ethylene Diamine Tetraacetate	TETRASODIUM EDTA	-	64-02-8	Less than 0.1 %
Perfume (Parfum)	-	-	-	Less than 0.1 %
Trisodium Nitrotriacetate	-	-	5064-31-3	Less than 0.1 %
Glycine, N-(Carboxymethyl)-N-[2-((Carboxymethyl)Amino)Ethyl]-, Trisodium Salt	-	-	19019-43-3	Less than 0.1 %
Sodium Glycolate	SODIUM GLYCOLATE	-	2836-32-0	Less than 0.1 %
Ethanol	ALCOHOL	Alcoholum / ethanolum	64-17-5	Less than 0.1 %
Colorant	CL 19140, ACID YELLOW 23	-	1934-21-0	Less than 0.1 %
Colorant	CI 61585	-	4474-24-3	Less than 0.1 %

* The biocidal active substance quaternary ammonium compounds, benzyl-C12-14 (even-numbered) - alkyldimethyl, chlorides, EC 939-350-2 is being evaluated under, and listed on Article 95 of, the Biocidal Products Regulation (BPR) (Regulation EU 528/2012) as Alkyl (C12-16) dimethylbenzyl ammonium chloride ADBAC/BKC (C12-C16), CAS 68424-85-1 & EC 270-325-2.

SECTION 4: First aid measures

4.1 Description of first aid measures

- Contact with eyes
 - If substance has got into eyes, immediately wash out with plenty of water for several minutes
 - Irrigate eyes thoroughly whilst lifting eyelids
 - Remove contact lenses, if present and easy to do. Continue rinsing.
 - If eye irritation persists: Get medical advice/attention.
- Contact with skin
 - Gently wash with plenty of soap and water.
 - If skin irritation occurs: Get medical advice/attention.



SECTION 4: First aid measures (...)

- Ingestion
 - Rinse mouth.
 - Give plenty of water to drink
 - Get medical advice/attention.
- Inhalation
 - If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
 - Keep warm and at rest, in a half upright position. Loosen clothing
 - IF exposed or concerned: Get medical advice/attention.

4.2 Most important symptoms and effects, both acute and delayed

- Contact with eyes
 - May cause redness and irritation
- Contact with skin
 - May cause redness and irritation
- Ingestion
 - May cause nausea/vomiting
- Inhalation
 - May cause respiratory tract irritation.

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: Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions
- Unsuitable extinguishing media: No information available

5.2 Special hazards arising from the substance or mixture

- Decomposition products may include nitrogen and carbon oxides

5.3 Advice for firefighters

- Collect contaminated fire extinguishing water separately. This **MUST** not be discharged into drains. Prevent fire extinguishing water from contaminating surface or ground water.
- Special protective equipment: Wear self-contained breathing apparatus (SCBA). Wear full protective clothing including chemical protection suit.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Rescuers should take suitable precautions to avoid becoming casualties themselves
- Personal precautions for non-emergency personnel: Avoid breathing vapours, mist or gas; Avoid contact with skin and eyes; Wash thoroughly after handling.
- Personal precautions for emergency responders: Avoid breathing vapours, mist or gas; Avoid contact with skin and eyes; Wear suitable protective clothing, including eye/face protection and gloves (neoprene or nitrile are recommended); Wash thoroughly after dealing with spillage

6.2 Environmental precautions

- Avoid release to the environment.
- Do not allow to penetrate the ground/soil.

6.3 Methods and material for containment and cleaning up



SECTION 6: Accidental release measures (...)

- Small spills
 - Dilute with a large volume of water
 - Wipe up spillage with damp absorbent cloth or towel
- Large spills
 - Contain the spillage using bunding
 - Absorb spillage in suitable inert material
 - Place in appropriate container
 - Seal containers and label them
 - Remove contaminated material to safe location for subsequent disposal
 - Ventilate the area and wash spill site after material pick-up is complete
 - Seek expert advice for removal and disposal of all contaminated materials and wastes

6.4 Reference to other sections

- See section(s): 7,8 &13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Use only in well ventilated areas
- Avoid breathing vapours, mist or gas
- Do not get in eyes, on skin, or on clothing.
- Do not eat, drink or smoke when using this product.
- No hazard expected under normal conditions of use
- No special clothing/skin protection is required under normal conditions of use
- Wash thoroughly after handling.

7.2 Conditions for safe storage, including any incompatibilities

- Keep locked up and out of reach of children
- Keep away from food, drink and animal feedingstuffs
- Keep only in the original container
- Keep container tightly closed, in a cool, well ventilated place
- Opened containers should be carefully resealed and stored in an upright position
- Keep away from acid

7.3 Specific end use(s)

- Biocide
- Cleaning agent

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

- If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment.
Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents).
Reference to national guidance documents for methods for the determination of hazardous substances will also be required.
- Ethanol
 - WEL (long term) 1 000 ppm 1 920 mg/m³ (UK)
 - DNEL (inhalational) 950 mg/m³ Industry, Long Term, Systemic Effects

SECTION 8: Exposure controls/personal protection (....)

- DNEL (inhalational) 1 900 mg/m³ Industry, Acute/Short Term, Local Effects
DNEL (dermal) 343 mg/kg (bw/day) Industry, Long Term, Systemic Effects
DNEL (inhalational) 114 mg/m³ Consumer, Long Term, Systemic Effects
DNEL (inhalational) 950 mg/m³ Consumer, Acute/Short Term, Local Effects
DNEL (dermal) 206 mg/kg (bw/day) Consumer, Long Term, Systemic Effects
DNEL (oral) 87 mg/kg (bw/day) Consumer, Long Term, Systemic Effects
PNEC aqua (freshwater) 960 ug/l
PNEC aqua (intermittent releases, freshwater) 2.75 mg/l
PNEC aqua (marine water) 790 ug/l
PNEC (STP) 580 mg/l
PNEC sediment (freshwater) 3.6 mg/kg
PNEC sediment (marine water) 2.9 mg/kg
PNEC terrestrial (soil) 630 ug/kg
PNEC secondary poisoning (food) 380 - 720 mg/kg
- Sodium hydroxide
 - WEL (short term) 2 mg/m³ (UK)
 - DNEL (inhalational) 1 mg/m³ Industry, Long Term, Local Effects
 - DNEL (inhalational) 1 mg/m³ Consumer, Long Term, Local Effects
 - Diethyl phthalate
 - WEL (long term) 5 mg/m³ (UK)
 - WEL (short term) 10 mg/m³ (UK)
 - DNEL (inhalational) 10.56 mg/m³ Industry, Long Term, Systemic Effects
 - DNEL (dermal) 15 mg/kg (bw/day) Industry, Long Term, Systemic Effects
 - DNEL (inhalational) 2.6 mg/m³ Consumer, Long Term, Systemic Effects
 - DNEL (dermal) 7.5 mg/kg (bw/day) Consumer, Long Term, Systemic Effects
 - DNEL (oral) 750 ug/kg (bw/day) Consumer, Long Term, Systemic Effects
 - PNEC aqua (freshwater) 12 ug/l
 - PNEC aqua (intermittent releases, freshwater) 120 ug/l
 - PNEC aqua (marine water) 1.2 ug/l
 - PNEC (STP) 2 mg/l
 - PNEC sediment (freshwater) 137 ug/kg
 - PNEC sediment (marine water) 13.7 ug/kg
 - PNEC terrestrial (soil) 137 ug/kg
 - PNEC secondary poisoning (food) 33 mg/kg

8.2 Exposure controls

- Selection and use of personal protective equipment should be based on a risk assessment of exposure potential
- Engineering controls
 - Ensure adequate ventilation
 - If practicable, engineering controls should be provided where airborne concentrations exceed exposure limits
- Respiratory protection
 - No respiratory protection is needed during normal handling
 - Respiratory protection may be required under exceptional circumstances when excessive air contamination exists
- Eye/face protection
 - None required for normal handling of product
 - If there is a risk of product getting into eyes, wear safety glasses approved to standard EN 166.
- Skin protection
 - No special clothing/skin protection is required under normal conditions of use
 - For prolonged or repeated skin contact wear suitable protective gloves
- Hygiene measures
 - Use good personal hygiene practices
 - Do not eat, drink or smoke when using this product.
 - Wash thoroughly after handling.
 - Contaminated clothing should be laundered before reuse



SECTION 8: Exposure controls/personal protection (....)

- Environmental exposure controls
 - Do not allow to penetrate the ground/soil.
 - Do not empty into drains

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Appearance: Pale yellow liquid
- Odour: Citrus
- Odour threshold: No information available
- pH: 10.5 – 11.5
- Melting point/freezing point: Approx. 0 °C
- Initial boiling point and boiling range: Approx. 100 °C
- Flashpoint: Not applicable
- Evaporation Rate: No information available
- Flammability (solid,gas): Not flammable
- Upper/lower flammability or explosive limits: Not applicable
- Vapour Pressure: No information available
- Vapour Density: No information available
- Relative Density: 1.000 - 1.005
- Solubility(ies): Soluble in water
- Partition Coefficient (n-Octanol/Water): No information available
- Autoignition Temperature: No information available
- Decomposition temperature: No information available
- Viscosity: 0 - 10cP
- Explosive Properties: Non-explosive
- Oxidising properties: Not oxidising

9.2 Other information

- EN1276 Tested against Escherichia Coli, Staphylococcus Aureus, Candidas Albicans (Contact time 5 mins) and MRSA (Contact time 30 seconds) EN14476 Tested against enveloped viruses including SARS-CoV-2 (5 min contact time - 1 in 80 dilution)

SECTION 10: Stability and reactivity

10.1 Reactivity

- No hazardous reactions known if used for its intended purpose

10.2 Chemical stability

- Considered stable under normal conditions

10.3 Possibility of hazardous reactions

- Exothermic reaction with contact with acids

10.4 Conditions to avoid

- Avoid extremes of temperature

10.5 Incompatible materials

- Incompatible with strong acids

10.6 Hazardous decomposition products

- Decomposition products may include nitrogen and carbon oxides

SECTION 11: Toxicological information

11.1 Information on toxicological effects

- Acute Toxicity
Based on available data, the classification criteria are not met

Substances

Chemical Name	LD50 (oral, rat)	LC50 (inhalation, rat)	LD50 (dermal, rabbit)
Ethanol; Ethyl alcohol	1 187 - 15 010 mg/kg	115.9 - 133.8 mg/l (4 hr)	20 000 mg/kg
Sodium hydroxide; Caustic soda	> 2 000 mg/kg	No data available	No data available
Diethyl phthalate	5 ml/kg	4.64 mg/l (6 hr)	10 ml/kg (rat)

- Skin corrosion/irritation
Based on available data, the classification criteria are not met
- Serious eye damage/irritation
Based on available data, the classification criteria are not met
- Respiratory or skin sensitisation
Based on available data, the classification criteria are not met
- Germ cell mutagenicity
No evidence of mutagenic effects
- Carcinogenicity
No evidence of carcinogenic effects

Substances

Chemical Name	NOAEL (oral, rat)	NOAEC (inhalation, rat)	NOAEL (dermal, rat)
Ethanol; Ethyl alcohol	No data available	No data available	No data available
Sodium hydroxide; Caustic soda	No data available	No data available	No data available
Diethyl phthalate	No data available	No data available	1 015 mg/kg bw/day

- Reproductive toxicity
No evidence of reproductive effects

Substances

Chemical Name	NOAEL (oral, rat)	NOAEC (inhalation, rat)	NOAEL (dermal, rat)
Ethanol; Ethyl alcohol	20 700 mg/kg bw/day (mouse, effect on fertility)	30 400 mg/m ³ (effect on developmental toxicity)	No data available
Sodium hydroxide; Caustic soda	No data available	No data available	No data available
Diethyl phthalate	222 mg/kg bw/day (effect on fertility) 1 910 mg/kg bw/day (effect on developmental toxicity)	No data available	1 118 mg/kg bw/day (effect on developmental toxicity)

- Specific target organ toxicity (STOT) - single exposure
Based on available data, the classification criteria are not met
- Specific target organ toxicity (STOT) - repeated exposure
Based on available data, the classification criteria are not met



SECTION 11: Toxicological information (...)

Substances

Chemical Name	NOAEL (oral, rat)	NOAEC (inhalation, rat)	NOAEL (dermal, rat)
Ethanol; Ethyl alcohol	1 730 mg/kg bw/day	6.66 mg/l air	No data available
Sodium hydroxide; Caustic soda	No data available	No data available	No data available
Diethyl phthalate	150 mg/kg bw/day	No data available	No data available

- Aspiration hazard
Based on available data, the classification criteria are not met
- Contact with eyes
May cause redness and irritation
- Contact with skin
May cause redness and irritation
- Ingestion
May cause nausea/vomiting
- Inhalation
May cause respiratory tract irritation.

SECTION 12: Ecological information

12.1 Toxicity

- Based on available data, the classification criteria are not met

Substances

Chemical Name	LC50 (fish)	EC50 (aquatic invertebrates)	EC50 (aquatic algae)
Ethanol; Ethyl alcohol	14.2 - 15.4 g/l (4 days)	10 g/l (48 hr)	275 mg/l (72 hr)
Sodium hydroxide; Caustic soda	25 mg/l (4 days)	40.4 mg/l (48 hr)	No data available
Diethyl phthalate	12 - 29 mg/l (4 days)	LC50 52 - 90 mg/l (48 hr)	23 - 45 mg/l (72 hr)

12.2 Persistence and degradability

- The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

12.3 Bioaccumulative potential

- No information available

12.4 Mobility in soil

- No information available

12.5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII
- Not a vPvB according to REACH Annex XIII

12.6 Other adverse effects

- No information available

SECTION 13: Disposal considerations

13.1 Waste treatment methods



SECTION 13: Disposal considerations (....)

- Disposal should be in accordance with local, state or national legislation
- Dispose of contents/container to an authorised waste collection point

13.2 Classification

- The waste must be identified according to the List of Wastes (2000/532/EC)
 - Hazardous Property Code(s): None assigned
-

SECTION 14: Transport information

Not classified as hazardous for transport

14.1 UN number

- UN No.: Not applicable

14.2 UN proper shipping name

- Proper Shipping Name: Not applicable

14.3 Transport hazard class(es)

- Hazard Class: Not applicable

14.4 Packing group

- Packing Group: Not applicable

14.5 Environmental hazards

- Not applicable

14.6 Special precautions for user

- Not Classified

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

- Not applicable

14.8 Road/Rail (ADR/RID)

- Proper Shipping Name: Not applicable
- ADR UN No.: Not applicable
- ADR Hazard Class: Not applicable
- ADR Packing Group: Not applicable
- Tunnel Code: Not applicable

14.9 Sea (IMDG)

- Proper Shipping Name: Not applicable
- IMDG UN No.: Not applicable
- IMDG Hazard Class: Not applicable
- IMDG Pack Group.: Not applicable

14.10 Air (ICAO/IATA)

- Proper Shipping Name: Not applicable
 - ICAO UN No.: Not applicable
 - ICAO Hazard Class: Not applicable
 - ICAO Packing Group: Not applicable
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SECTION 15: Regulatory information

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



SECTION 15: Regulatory information (....)

- This safety data sheet is provided in compliance with REACH Regulation (EC) No 1907/2006 as amended by Regulation (EU) 2015/830
- Regulation (EC) No. 1272/2008 on the classification, labelling and packaging of substances and mixtures (CLP Regulation) applies in Europe
- This product is covered by the EU Biocides Regulation 528/2012 (EU BPR)
- Label requirements for the Detergents Regulation (EC 684/2004, 907/2006): Contains amongst other ingredients, disinfectant (benzalkonium chloride) and perfume

15.2 Chemical safety assessment

- A REACH chemical safety assessment has not been carried out

SECTION 16: Other information

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

Sources of data: Information from published literature and supplier safety data sheets

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

- Not classified, based on calculation and concentration thresholds

Text not given with phrase codes where they are used elsewhere in this safety data sheet:

- H225: Highly flammable liquid and vapour.
- H290: May be corrosive to metals
- H314: Causes severe skin burns and eye damage
- H318: Causes serious eye damage

Acronyms

- CAS: Chemical Abstracts Service
- DNEL: Derived No-Effect Level
- EC: European Community
- EC50: Effective Concentration, 50%
- GHS: Globally Harmonised System
- LC50: Lethal Concentration, 50%
- LD50: Lethal Dose, 50%
- NOAEC: No observed adverse effect concentration
- NOAEL: No observed adverse effect level
- NOEC: No observed effect concentration
- OEL: Occupational Exposure Limit
- PBT: Persistent, Bioaccumulative and Toxic
- PNEC: Predicted No-Effect Concentration
- REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals
- SCL: Specific Concentration Limit
- STOT RE: Specific Target Organ Toxicity Repeated Exposure
- STOT SE: Specific Target Organ Toxicity Single Exposure
- SVHC: Substances of Very High Concern
- vPvB: very Persistent and very Bioaccumulative
- WEL: Workplace Exposure Limit

--- end of safety datasheet ---
