

SAFETY DATA SHEET

BRIGHTCHEM HYBRID PRE-SPRAY

Page: 1

Compilation date: 17/01/2024

Revision No: 1

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

1.1. Product identifier

Product name: BRIGHTCHEM HYBRID PRE-SPRAY

Product code: PD0928

Synonyms: PD0928

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

Use of substance / mixture: Water based carpet and fabric cleaner.

1.3. Details of the supplier of the safety data sheet

Company name: BRIGHTCHEM

UNIT B8 GROVE PARK

SPRINGVALE RD

GRIMETHORPE BARNSLEY

S72 7BF

UK GB & NI

Tel: +44(0)7928795132

Email: sales@brightchem.co.uk

1.4. Emergency telephone number

Emergency tel: +44(0)7928795132

(office hours only)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Skin Corr. 1B:H314; Aquatic Chronic 3: H412; -: EUH208

Most important adverse effects: Contains perfume (containing citral,citronellol,geraniol,limonene,linalool). May produce an allergic reaction. Causes severe skin burns and eye damage. Harmful to aquatic life with long lasting effects.

2.2. Label elements

Label elements:

Hazard statements: EUH208: Contains perfume (containing citral,citronellol,geraniol,limonene,linalool). May produce an allergic reaction.

H314: Causes severe skin burns and eye damage.

H412: Harmful to aquatic life with long lasting effects.

Hazard pictograms: GHS05: Corrosion

[cont ...]

**SAFETY DATA SHEET
BRIGHTCHEM HYBRID PRE-SPRAY**

Page: 2



Signal words: Danger P102: Keep out of reach of children.

Precautionary statements: P280: Wear protective gloves/protective clothing/eye protection.

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P315: Get immediate medical advice/attention.

Haz. ingredients (label): Contains: DISODIUM METASILICATE; DIMETHYL C12-C14 ALKYL BETAINES; PERFUME (CONTAINING CITRAL, CITRONELLOL, GERANIOL, LIMONENE, LINALOOL)

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients**3.2. Mixtures**

Hazardous ingredients:

DISODIUM METASILICATE - REACH registered number(s): 01-2119449811-37-XXXX

EINECS	CAS	PBT / WEL	CLP Classification	Percent
229-912-9	6834-92-0	-	Skin Corr. 1B: H314; STOT SE 3: H335	1-10%

DIMETHYL C12-C14 ALKYL BETAINES - REACH registered number(s): 01-2119529251-48-XXXX

931-700-2	66455-29-6	-	Skin Irrit. 2: H315; Eye Dam. 1: H318; Aquatic Chronic 3: H412	1-10%
-----------	------------	---	--	-------

AMINES, C12-14 (EVEN NUMBERED)-ALKYLDIMETHYL, N-OXIDES - REACH registered number(s): 01-2119490061-47-XXXX

931-292-6	308062-28-4	-	Skin Irrit. 2: H315; Eye Dam. 1: H318; Aquatic Acute 1: H400; Aquatic Chronic 2: H411	<1%
-----------	-------------	---	---	-----

[c ont ...]

SAFETY DATA SHEET

BRIGHTCHEM HYBRID PRE-SPRAY

Page: 3

PERFUME SHARP LEMON 13264 (CONTAINING CITRAL,CITRONELLOL,GERANIOL,LIMONENE,LINALOOL)

-	BLEND	-	Flam. Liq. 3: H226; Skin Sens. 1B: H317; Aquatic Chronic 1: H410; Skin Irrit. 2: H315; Eye Irrit. 2: H319; Asp. Tox. 1: H304; -: EUH208	<1%
---	-------	---	---	-----

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin.

Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Transfer to hospital if there are burns or symptoms of poisoning.

Eye contact: Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

Ingestion: Wash out mouth with water. Do not induce vomiting. Give 1 cup of water to drink every 10 minutes. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible. Remove casualty from exposure ensuring one's own safety whilst doing so.

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

Skin contact: Blistering may occur. Progressive ulceration will occur if treatment is not immediate.

Eye contact: Burns may occur. May cause permanent damage.

Ingestion: Corrosive burns may appear around the lips. Blood may be vomited. There may be bleeding from the mouth or nose.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

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

Immediate / special treatment: Eye bathing equipment should be available on the premises.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Corrosive. In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

SAFETY DATA SHEET

BRIGHTCHEM HYBRID PRE-SPRAY

Page: 4

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Notify the police and fire brigade immediately. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Clean-up should be dealt with only by qualified personnel familiar with the specific substance. Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area.
Do not handle in a confined space.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, 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: No data available.

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Impermeable gloves.

Eye protection: Tightly fitting safety goggles. Ensure eye bath is to hand.

Skin protection: Impermeable protective clothing.

[cont ...]

SAFETY DATA SHEET

BRIGHTCHEM HYBRID PRE-SPRAY

Page: 5

Environmental: Prevent from entering in public sewers or the immediate environment.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Pale yellow

Odour: Pleasant.

Evaporation rate: No data available.

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Miscible in all proportions

Viscosity: Non-viscous

Boiling point/range°C: 100

Melting point/range°C: 0

Flammability limits %: lower: No data available.

upper: No data available.

Flash point°C: No data available.

Part.coeff. n-octanol/water: No data available.

Autoflammability°C: No data available.

Vapour pressure: No data available.

Relative density: 1.05

pH: 13

VOC g/l: No data available.

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.

Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: Incombustion emits toxic fumes.

Section 11: Toxicological information

SAFETY DATA SHEET
BRIGHTCHEM HYBRID PRE-SPRAY

Page: 6

11.1. Information on toxicological effects

Hazardous ingredients:

DISODIUM METASILICATE

ORAL	RAT	LD50	1280 mg/kg
------	-----	------	------------

DIMETHYL C12-C14 ALKYL BETAINES

ORL	RAT	LD50	>2000 mg/kg
-----	-----	------	-------------

AMINES, C12-14 (EVEN NUMBERED)-ALKYLDIMETHYL, N-OXIDES

DERMAL	RAT	LD50	>2000 mg/kg
ORAL	RAT	LD50	1064 mg/kg

PERFUME SHARP LEMON 13264 (CONTAINING CITRAL,CITRONELLOL,GERANIOL,LIMONENE,LINALOOL)

DERMAL	HMN	LD50	>5000 mg/kg
ORAL	HMN	LD50	>5000 mg/kg
VAPOURS	HMN	LD50	>5000 mg/kg

Relevant hazards for product:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: Blistering may occur. Progressive ulceration will occur if treatment is not immediate.

Eye contact: Corneal burns may occur. May cause permanent damage. Corrosive burns may appear

Ingestion: around the lips. Blood may be vomited. There may be bleeding from the mouth or nose.

There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing. Immediate effects can be expected after short-term exposure.

Delayed / immediate effects:

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

DISODIUM METASILICATE

Daphniamagna	48H EC50	216 mg/l
--------------	----------	----------

SAFETY DATA SHEET
BRIGHTCHEM HYBRID PRE-SPRAY

Page: 7

ZEBRAFISH (Brachydanio rerio)	96H LC50	210 mg/l
-------------------------------	----------	----------

AMINES, C12-14 (EVEN NUMBERED)-ALKYLDIMETHYL, N-OXIDES

ALGAE	72H ErC50	0.146 mg/l
Daphnia magna	48H EC50	3.1 mg/l
FISH	96H LC50	2.67 mg/l

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bio accumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Harmful to aquatic organisms.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Waste code number: 20 01 30

Disposal of packaging: Clean with water. May be reused following decontamination. Recycle container where permitted. Disposal of waste containers must be done in accordance with local and / or national regulations.

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

Section 14: Transport information

14.1. UN number

UN number: UN1760

14.2. UN proper shipping name

Shipping name: CORROSIVE LIQUID, N.O.S.

14.3. Transport hazard class(es)

Transport class: 8

SAFETY DATA SHEET
BRIGHTCHEM HYBRID PRE-SPRAY

Page: 8

14.4. Packing group

Packing group: III

14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: E

Transport category: 3

Section 15: Regulatory information

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

Specific regulations: Not applicable.

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

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

Phrases used in s.2 and s.3: EUH208: Contains Citral,Citronellol,Geraniol,Limonene,Linalool. May produce an allergic reaction. EUH208: Contains perfume (containing citral,citronellol,geraniol,limonene,linalool). May produce an allergic reaction.

H226: Flammable liquid and vapour.

H304: May be fatal if swallowed and enters airways.

H314: Causes severe skin burns and eye damage.

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.

H410: Very toxic to aquatic life with long lasting effects.

H411: Toxic to aquatic life with long lasting effects.

H412: Harmful to aquatic life with long lasting effects.

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.