

**Section 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Product name: BRIGHT CHEM SOLVENT GEL

Product code: PD18593

Synonyms: PD18593

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

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

**1.3. Details of the supplier of the safety data sheet**

Company name: BRIGHTCHEM

39 Swift Close

Woodlands

Doncaster

DN6 7FT

UK GB &amp; 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: STOT SE 3: H336; Aquatic Chronic 3: H412; Eye Irrit. 2: H319; Flam. Liq. 3: H226; Skin Irrit.2: H315; -:EUH066

Most important adverse effects: Repeated exposure may cause skin dryness or cracking. Flammable liquid and vapour. Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness. Harmful to aquatic life with long lasting effects.

**2.2. Label elements**

Label elements:

Hazard statements: EUH066: Repeated exposure may cause skin dryness or cracking.

H226: Flammable liquid and vapour.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

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H336: May cause drowsiness or dizziness.

H412: Harmful to aquatic life with long lasting effects.

Hazard pictograms: GHS02: Flame

GHS07: Exclamation mark



Signal words: Warning

Precautionary statements: P102: Keep out of reach of children.

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

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

P243: Take action to prevent static discharges.

P242: Use non-sparking tools.

P261: Avoid breathing vapours.

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

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

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

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

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

Haz. ingredients (label): Contains: HYDROCARBONS, C11-C14, ISOALKANES, LOW AROMATICS; N-BUTYL ACETATE; PROPAN-2-OL

### 2.3. Other hazards

Other hazards: In use, may form flammable / explosive vapour-air mixture.

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

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

Hazardous ingredients:

HYDROCARBONS, C11-C14, ISOALKANES, LOW AROMATICS - REACH registered number(s): 01-2119456620-43-XXXX

EINECS	CAS	PBT / WEL	CLP Classification	Percent
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926-141-6	64742-47-8	-	Asp. Tox. 1: H304; -: EUH066	30-50%
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N-BUTYL ACETATE

204-658-1	123-86-4	-	Flam. Liq. 3: H226; STOT SE 3: H336; -: EUH066	10-30%
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PROPAN-2-OL - REACH registered number(s): 01-2119457558-25

200-661-7	67-63-0	-	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336	10-30%
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2-BUTOXY ETHANOL - REACH registered number(s): 01-2119475108-36-XXXX

203-905-0	111-76-2	-	Acute Tox. 3: H331; Acute Tox. 4: H312; Eye Irrit. 2: H319; Skin Irrit. 2: H315; Acute Tox. 4: H302	1-10%
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HYDROCARBONS C6-C7 ISOALKANES, CYCLICS, <5% N-HEXANE, <0.1% BENZENE - REACH registered number (s): 01-2119475514-35-XXXX

<del>64742-47-8</del> 204-658-1	<del>123-86-4</del>	-	Flam. Liq. 2: H225; STOT SE 3: H336; Asp. Tox. 1: H304; Aquatic Chronic 2: H411; Skin Irrit. 2: H315	1-10%
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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. Wash immediately with plenty of soap and water.

Eye contact: Bathethe eye with running water for 15 minutes. Consult a doctor.

Ingestion: Wash out mouth with water. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

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

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and red nessofthe mouth and throat.

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: Alcohol resistant foam. Water spray. Carbon dioxide. Dry chemical powder. Use water spray to cool containers.

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5.2. Special hazards arising from the substance or mixture

Exposure hazards: Flammable. Incombustion emits toxic fumes. Forms explosive air-vapour mixture.

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.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid. Eliminate all sources of ignition.

6.2. Environmental precautions

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

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Ventilate area well. Avoid sparks, flames, smoking and any other heat source. Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Do not use equipment in clean-up procedure which may produce sparks. Leaking material will evaporate leaving no residues.

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. Avoid the formation or spread of mists in the air. Smoking is forbidden. Use non-sparking tools.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. Prevent the build up of electrostatic charge in the immediate area. Ensure lighting and electrical equipment are not a source of ignition.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

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8.1. Control parameters

Hazardous ingredients:

HYDROCARBONS, C11-C14, ISOALKANES, LOW AROMATICS

Workplace exposure limits:

Respirable dust:

State	8hour TWA	15 min. STEL	8hour TWA	15 min. STEL
UK	1200 mg/cm <sup>3</sup>	-	-	-

N-BUTYL ACETATE

UK	724 mg/m <sup>3</sup>	966 mg/m <sup>3</sup>	-	-
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PROPAN-2-OL

UK	400 ppm	500 ppm	-	-
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2-BUTOXY ETHANOL

UK	25ppm (Sk)	50ppm (Sk)	-	-
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HYDROCARBONS C6-C7 ISOALKANES, CYCLICS, <5% N-HEXANE, <0.1% BENZENE

UK	1100mg/m <sup>3</sup>	2200mg/m <sup>3</sup>	-	-
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DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

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

Hand protection: Protective gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

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: Colourless

Odour: Characteristic odour

Evaporation rate: Moderate

Oxidising: No data available.

Solubility in water: Slightly soluble

Viscosity: No data available.

Boiling point/range°C: >35

Melting point/range°C: No data available.

Flammability limits %: lower: 2

upper: 14

Flash point°C: 25

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Autoflammability°C: >230

Relative density: 0.81

VOC g/l: 810

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

Vapour pressure: No data available.

pH: Not applicable.

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. Stable at room temperature.

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.Hotsurfaces. Sources of ignition. Flames.

10.5. Incompatible materials

Materials to avoid: Strongoxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: Incombustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

HYDROCARBONS, C11-C14, ISOALKANES, LOW AROMATICS

DERMAL	RBT	LD50	>5000	mg/kg
ORAL	RAT	LD50	>5000	mg/kg
VAPOURS	RAT	4H LC50	>5000	mg/kg

N-BUTYL ACETATE

ORL	RAT	LD50	10768	mg/kg
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PROPAN-2-OL

ORAL	RAT	LD50	4700 mg/kg
ORAL	RBT	LD50	>2000 mg/kg
VAPOURS	RAT	4H LC50	46.5 mg/l

2-BUTOXY ETHANOL

ORL	RAT	LD50	1200 mg/kg
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HYDROCARBONS C6-C7 ISOALKANES, CYCLICS, <5% N-HEXANE, <0.1% BENZENE

DERMAL	RBT	LD50	3350 mg/kg
ORAL	RAT	LD50	16750 mg/kg
VAPOURS	RAT	4H LC50	259 g/l

Relevant hazards for product:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated
STOT-single exposure	-	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: There maybe irritation and redness at the site of contact.

Eye contact: There maybe irritation and redness. The eyes may water profusely.

Ingestion: There maybe soreness and redness of the mouth and throat.

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

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

HYDROCARBONS, C11-C14, ISOALKANES, LOW AROMATICS

Daphniamagna	48H EC50	>250 mg/l
RAINBOW TROUT (Oncorhynchus mykiss)	96H LC50	>1000 mg/l

PROPAN-2-OL

Daphniamagna	48H EC50	>100 mg/l
FISH	48H EC50	>100 mg/l

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2-BUTOXY ETHANOL

RAINBOW TROUT (Oncorhynchus mykiss)	96H LC50	1474 mg/l
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HYDROCARBONS C6-C7 ISOALKANES, CYCLICS, <5% N-HEXANE, <0.1% BENZENE

Daphniamagna	48H EC50	17.06 mg/l
RAINBOW TROUT (Oncorhynchus mykiss)	96H LC50	9.766 mg/l

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: Nobioaccumulation 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: Negligible ecotoxicity.

Section 13: Disposal considerations

13.1. Waste treatment methods

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

Recovery operations: Solvent reclamation/regeneration.

Waste code number: 20 01 13

Disposal of packaging: Return to supplier. May be reused following decontamination. 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. UN number

UN number: UN1993

14.2. UN proper shipping name

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

14.3. Transport hazard class(es)

Transport class: 3

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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: Nospecial precautions.

Tunnel code: D/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: EUH066: Repeated exposure may cause skin dryness or cracking.

H225: Highly flammable liquid and vapour.

H226: Flammable liquid and vapour.

H302: Harmful if swallowed.

H304: May be fatal if swallowed and enters airways.

H312: Harmful in contact with skin.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

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.