

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

**Product name:** SOLVENT CLEANER

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

**Use of substance / mixture:** PC35: Washing and cleaning products (including solvent based products).

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

**Company name:** EVERBUILD BUILDING PRODUCTS LTD

SITE 41, KNOWSTHORPE WAY

CROSS GREEN INDUSTRIAL ESTATE

LEEDS

WEST YORKSHIRE

LS9OSW

ENGLAND

**Tel:** 0044 113 240 3456

**Fax:** 0044 113 240 0024

**Email:** sds@everbuild.co.uk

**1.4. Emergency telephone number**

**Emergency tel:** 0044 113 240 3456 (office hours only)

**Section 2: Hazards identification****2.1. Classification of the substance or mixture**

**Classification under CHIP:** F: R11; Xn: R20; Xi: R36/37; N: R51/53; Xn: R65; -: R66

**Classification under CLP:** Asp. Tox. 1: H304; Eye Irrit. 2: H319; Aquatic Chronic 2: H411; Flam. Liq. 2: H225; STOT SE 3: H335

**Most important adverse effects:** Highly flammable. Harmful by inhalation. Irritating to eyes and respiratory system. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Harmful: may cause lung damage if swallowed. Repeated exposure may cause skin dryness or cracking.

**2.2. Label elements****Label elements under CLP:**

**Hazard statements:** H225: Highly flammable liquid and vapour.

H304: May be fatal if swallowed and enters airways.

H319: Causes serious eye irritation.

H335: May cause respiratory irritation.

H411: Toxic to aquatic life with long lasting effects.

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**Signal words:** Danger

**Hazard pictograms:** GHS02: Flame

GHS07: Exclamation mark

GHS08: Health hazard

GHS09: Environmental



**Precautionary statements:** P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P301+310: IF SWALLOWED: Immediately call a POISON CENTER or doctor.  
P303+361+353: IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water/shower.  
P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P331: Do NOT induce vomiting.  
P233: Keep container tightly closed.  
P243: Take precautionary measures against static discharge.  
P261: Avoid breathing vapours.  
P271: Use only outdoors or in a well-ventilated area.  
P264: Wash contaminated skin thoroughly after handling.  
P273: Avoid release to the environment.  
P337+313: If eye irritation persists: Get medical attention.  
P370+378: In case of fire: Use carbon dioxide, foam or dry powder for extinction.  
P391: Collect spillage.  
P403+233: Store in a well-ventilated place. Keep container tightly closed.  
P405: Store locked up.  
P403+235: Store in a well-ventilated place. Keep cool.  
P501: Dispose of contents/container to hazardous waste point.

### Label elements under CHIP:

**Hazard symbols:** Highly flammable.

Harmful.

Dangerous for the environment.



**Risk phrases:** R11: Highly flammable.

R20: Harmful by inhalation.

R36/37: Irritating to eyes and respiratory system.

[cont...]

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R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R65: Harmful: may cause lung damage if swallowed.

R66: Repeated exposure may cause skin dryness or cracking.

**Safety phrases:** S2: Keep out of the reach of children.

S29: Do not empty into drains.

S61: Avoid release to the environment. Refer to special instructions / safety data sheets.

S62: If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

### 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:

LOW BOILING POINT HYDROGEN TREATED NAPHTHA - NAPHTHA (PETROLEUM), HYDRODESULPHURIZED HEAVY

EINECS	CAS	CHIP Classification	CLP Classification	Percent
265-185-4	64742-82-1	Xn: R65; -: R10; N: R51/53	Asp. Tox. 1: H304; Flam. Liq. 3: H226; Aquatic Chronic 2: H411	30-50%

4-METHYLPENTAN-2-ONE

203-550-1	108-10-1	F: R11; Xn: R20; Xi: R36/37; -: R66	Flam. Liq. 2: H225; Acute Tox. 4: H332; Eye Irrit. 2: H319; STOT SE 3: H335; -: EUH066	30-50%
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2-(2-BUTOXYETHOXY)ETHANOL

203-961-6	112-34-5	Xi: R36	Eye Irrit. 2: H319	10-30%
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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:** Bathe the eye with running water for 15 minutes. Make sure contact lenses are removed before rinsing. If irritation persists: get medical advice

**Ingestion:** Wash out mouth with water. Do not induce vomiting. Get medical attention if discomfort persists.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. If symptoms persist seek medical advice.

[cont...]

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## 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 redness of the mouth and throat.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

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

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

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Alcohol or polymer foam. Carbon dioxide. Dry chemical powder. Water fog. Use water spray to cool containers.

### 5.2. Special hazards arising from the substance or mixture

**Exposure hazards:** Highly flammable. In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

### 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. 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.

### 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:** Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Refer to section 13 of SDS for suitable method of disposal.

### 6.4. Reference to other sections

## Section 7: Handling and storage

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## 7.1. Precautions for safe handling

**Handling requirements:** Ensure there is sufficient ventilation of the area. Avoid direct contact with the substance.  
Avoid the formation or spread of mists in the air. Keep away from all sources of ignition.

## 7.2. Conditions for safe storage, including any incompatibilities

**Storage conditions:** Store in cool, well ventilated area. Keep away from sources of ignition. Keep container tightly closed. The floor of the storage room must be impermeable to prevent the escape of liquids.

**Suitable packaging:** Must only be kept in original packaging.

## 7.3. Specific end use(s)

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

**Hazardous ingredients:**

#### 4-METHYLPENTAN-2-ONE

**Workplace exposure limits:**

**Respirable dust**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	208 mg/m <sup>3</sup>	416 mg/m <sup>3</sup>	-	-

#### 2-(2-BUTOXYETHOXY)ETHANOL

UK	67.5 mg/m <sup>3</sup>	101.2 mg/m <sup>3</sup>	-	-
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### DNEL/PNEC Values

**DNEL / PNEC** No data available.

### 8.2. Exposure controls

**Engineering measures:** Ensure lighting and electrical equipment are not a source of ignition. Ensure there is sufficient ventilation of the area. The floor of the storage room must be impermeable to prevent the escape of liquids.

**Respiratory protection:** Self-contained breathing apparatus must be available in case of emergency. Gas/vapour filter, type A: organic vapours (EN141).

**Hand protection:** Impermeable gloves. Change gloves regularly to prevent permeability.

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

**Skin protection:** Impermeable protective clothing.

## Section 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

**State:** Liquid

**Colour:** Colourless

**Odour:** Characteristic odour

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**Solubility in water:** Not miscible

**Viscosity:** Viscous

**Boiling point/range°C:** 114-117

**Flammability limits %: lower:** 0.9

**Flash point°C:** <21

**Relative density:** ~0.811

**Melting point/range°C:** -80

**upper:** 9

**Autoflammability°C:** 225

## 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:** Sources of ignition. Heat. Direct sunlight.

### 10.5. Incompatible materials

**Materials to avoid:** Strong oxidising agents. Strong acids.

### 10.6. Hazardous decomposition products

**Haz. decomp. products:** In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

**Hazardous ingredients:**

#### 4-METHYLPENTAN-2-ONE

IPR	RAT	LD50	400	mg/kg
ORL	MUS	LD50	1900	mg/kg
ORL	RAT	LD50	2080	mg/kg

#### 2-(2-BUTOXYETHOXY)ETHANOL

ORL	MUS	LD50	6050	mg/kg
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ORL	RAT	LD50	4500	mg/kg
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### Relevant effects for mixture:

Effect	Route	Basis
Acute toxicity (harmful)	INH	Hazardous: calculated
Irritation	OPT INH	Hazardous: calculated

### Symptoms / routes of exposure

**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 redness of the mouth and throat.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

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

## Section 12: Ecological information

### 12.1. Toxicity

#### Hazardous ingredients:

#### 2-(2-BUTOXYETHOXY)ETHANOL

DAPHNIA	48H EC50	>1000	mg/l
FISH	96H LC50	2700	mg/l

### 12.2. Persistence and degradability

**Persistence and degradability:** Not biodegradable.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential:** Bioaccumulation 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:** Toxic to aquatic organisms. Toxic to soil 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. Dispose of according to local or national legislation

**Waste code number:** 14 06 03

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**Disposal of packaging:** Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.

**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 (4-METHYLPENTAN-2-ONE; NAPHTHA (PETROLEUM), HYDRODESULPHERISED HEAVY)

### 14.3. Transport hazard class(es)

**Transport class:** 3

### 14.4. Packing group

**Packing group:** II

### 14.5. Environmental hazards

**Environmentally hazardous:** Yes

**Marine pollutant:** Yes

### 14.6. Special precautions for user

**Tunnel code:** D/E

**Transport category:** 2

## Section 15: Regulatory information

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

### 15.2. Chemical Safety Assessment

## Section 16: Other information

### Other information

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

\* indicates text in the SDS which has changed since the last revision.

**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.

H304: May be fatal if swallowed and enters airways.

H319: Causes serious eye irritation.

H332: Harmful if inhaled.

H335: May cause respiratory irritation.

H411: Toxic to aquatic life with long lasting effects.

[cont...]



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R10: Flammable.

R11: Highly flammable.

R20: Harmful by inhalation.

R36/37: Irritating to eyes and respiratory system.

R36: Irritating to eyes.

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R65: Harmful: may cause lung damage if swallowed.

R66: Repeated exposure may cause skin dryness or cracking.

**Legend to abbreviations:** PNEC = predicted no effect level

DNEL = derived no effect level

LD50 = median lethal dose

LC50 = median lethal concentration

EC50 = median effective concentration

IC50 = median inhibitory concentration

dw = dry weight

bw = body weight

cc = closed cup

oc = open cup

MUS = mouse

GPG = guinea pig

RBT = rabbit

HAM = hamster

HMN = human

MAM = mammal

PGN = pigeon

IVN = intravenous

SCU = subcutaneous

SKN = skin

DRM = dermal

OCC = ocular/corneal

PCP = physico-chemical properties

**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.