

**SAFETY DATA SHEET**

**PREMIUM THINNERS**

**1 IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING**

**1.1. Product identifier**

**Product name:** PREMIUM THINNERS  
**Synonyms:** SOLVENTBLEENDBK07BULK

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

**Use of substance / mixture:** Solvent for industrial use.

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

**Company name:** Pure Clean Waste Solutions Ltd  
Old Moor Road,  
Bredbury,  
Stockport,  
SK6 2QE  
**Tel:** 0161 430 5390  
**Fax:** 0161 406 9723  
**Email:** support@pcws.co.uk

**1.4. Emergency telephone number**

**Emergency Tel:** 0161 430 5390 (Office hours only)

**2 HAZARD IDENTIFICATION**

**2.1. Classification of the substance or mixture**

**Classification under CLP:** STOT SE 3: H336; Eye Dam. 1: H318; Flam. Liq. 2: H225; Skin Irrit. 2: H315  
**Most important adverse effects:** Highly flammable liquid and vapour. Causes skin irritation. Causes serious eye damage. May cause drowsiness or dizziness.

**2.2. Label element**

**Label element:**  
**Hazard statement:** H225: Highly flammable liquid and vapour  
H315: Causes skin irritation  
H318: Causes serious eye damage  
H336: May cause drowsiness or dizziness  
**Signal words:** Danger  
**Hazard pictograms:** GHS02: Flame  
GHS05: Corrosion  
GHS07: Exclamation mark



**Precautionary statements:** P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P312: Call a POISON CENTRE or doctor if you feel unwell.  
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**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.

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**3 Composition/information on ingredients**

**3.2. Mixtures**

**Hazard Ingredients:**

XYLENE – REACH registered number(s): 01-2119488216-32

EINECS	CAS	PBT / WEL	CLP Classification	Percent
215-535-7	1330-20-7	-	Flam. Liq. 3: H226; Acute Tox. 4: H332; Acute Tox. 4: H312; Skin Irrit. 2: H315	50-70%

N-BUTYL ACETATE – REACH registered number(s): 01-2119485493-29

204-658-1	123-86-4	Substance with a Community workplace exposure limit.	Flam. Liq. 3: H226; STOT SE 3: H336; -: EUH066	10-30%
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**ETHYL METHYL KETONE**

201-159-0	78-93-3	-	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336; -: EUH066	10-30%
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ETHYL ACETATE – REACH registered number(s): 01-2119475103-46

205-500-4	141-78-6	-	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336; -: EUH066	1-10%
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**BUTAN-1-OL**

200-751-6	71-36-3	-	Flam. Liq. 3: H226; Acute Tox. 4: H302; STOT SE 3: H335; Skin Irrit. 2: H315; Eye Dam. 1: H318; STOT SE 3: H336	1-10%
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**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 the substance is still on skin. Consult a doctor.
Eye contact:	Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Remove any contact lenses and open eyes wide apart. Get medical attention if any discomfort continues.
Ingestion:	Wash out mouth with water. If patient is conscious, give water to drink. If patient feels unwell, seek medical advice. DO NOT INDUCE VOMITING.
Inhalation:	Remove from exposure, rest and keep warm. In severe cases, or if recovery is not rapid or complete, seek medical advice.

**4.2. Most important symptoms and effect, both acute and delayed**

<b>Skin contact:</b>	There may be irritation and redness at the site of contact.
<b>Eye contact:</b>	There may be irritation and redness. The eyes may water profusely.
<b>Ingestion:</b>	There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.
<b>Inhalation:</b>	There may be irritation of the throat with a feeling of tightness in the chest.
<b>Delayed / immediate effects:</b>	Immediate effects can be expected after short-term exposure.

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

**Immediate / special treatment:** Not applicable

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**5 FIRE-FIGHTING MEASURES**

**5.1. Extinguishing media**

**Extinguishing media:** Alcohol or polymer foam. Carbon dioxide. Dry chemical powder. 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. Forms explosive air-vapour mixture. Vapour may travel considerable distance to source of ignition and flash back.

**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.

**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 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. Do not use equipment in clean-up procedure which may produce sparks.

**6.4. Reference to other sections**

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

**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 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.

**Suitable packaging:** Original container stored in a dry and cool place.

**7.3. Specific use(s)**

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

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**8 Exposure controls/personal protection**

**8.1. Control parameters**

**Hazardous ingredients:**

**XYLENE**

**Workplace exposure limits:**

**Respirable dust**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	220 mg/m3	441 mg/m3	-	-

**N-BUTYL ACETATE**

UK	724	966	-	-
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**ETHYL METHYL KETONE**

UK	600 mg/m3	899 mg/m3	-	-
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**ETHYL ACETATE**

UK	200 ppm	400 ppm	-	-
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**BUTAN-1-OL**

UK	-	154 mg/m3	-	-
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**DNEL/PNEC Values**

**Hazardous Ingredients:**

**XYLENE**

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	442 mg/m3	Workers	Local
DNEL	Inhalation	180 mg/kg/day	Workers	Systemic
DNEL	Dermal	3182 mg/kg/day	Workers	Systemic
PNEC	Fresh Water	0.327 mg/l	-	-
PNEC	Fresh water sediments	12.46 mg/kg	-	-
PNEC	Marine sediments	12.46 mg/kg	-	-
PNEC	Soil (agricultural)	2.31 mg/kg	-	-

**N-BUTYL ACETATE**

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	960 mg/m3	Workers	Local
DNEL	Inhalation	480 mg/m3	Workers	Systemic
DNEL	Inhalation	859.7 mg/m3	Consumers	Local
DNEL	Inhalation	102.34	Consumers	Systemic
PNEC	Fresh water	0.18 mg/l	-	-
PNEC	Marine water	0.018 mg/l	-	-
PNEC	Microorganisms in sewage treatment	35.6 mg/l	-	-
PNEC	Fresh water sediments	0.981 mg/kg	-	-
PNEC	Marine sediments	0.0981 mg/kg	-	-
PNEC	Soil (agricultural)	0.0903 mg/kg	-	-

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**8 Exposure controls/personal protection**

**8.1. Control parameters continued**

**ETHYL ACETATE**

Type	Exposure	Value	Population	Effect
DNEL	Oral	4.5 mg/kg bw/day	Consumers	Systemic
DNEL	Dermal	37 mg/kg bw/day	Consumers	Systemic
DNEL	Dermal	63 mg/kg bw/day	Workers	Systemic
DNEL	Inhalation	734 mg/m <sup>3</sup>	Consumers	Local
DNEL	Inhalation	734 mg/m <sup>3</sup>	Consumers	Systemic
DNEL	Inhalation	1468 mg/m <sup>3</sup>	Workers	Systemic
DNEL	Inhalation	1468 mg/m <sup>3</sup>	Workers	Local
DNEL	Inhalation	367 mg/kg	Consumers	Local
DNEL	Inhalation	734 mg/kg	Workers	Local
DNEL	Inhalation	367 mg/kg	Consumers	Systemic
DNEL	Inhalation	734 mg/kg	Workers	Systemic
PNEC	Fresh water	0.26 mg/l	-	-
PNEC	Fresh water sediments	1.25 mg/kg	-	-
PNEC	Marine sediments	0.125 mg/kg	-	-
PNEC	Marine water	0.026 mg/l	-	-
PNEC	Soil (agricultural)	0.24 mg/kg	-	-

**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:** Ensure gloves are manufactured/tested in accordance with BS EN 374. Butyl rubber (BR), or Fluorinated Rubber gloves. Glove Thickness>0.6mm. Breakthrough time of the glove material >4 hours. Protective gloves should be replaced at first signs of wear.

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

**Skin protection:** Impermeable protective clothing.

**9 Physical and chemical properties**

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

<b>State:</b>	Liquid	<b>Melting point/range °C:</b>	No data available.
<b>Colour:</b>	Colourless	<b>upper:</b>	8.0
<b>Odour:</b>	Perceptible odour	<b>Part.coeff. n-octanol/water:</b>	No data available.
<b>Evaporation rate:</b>	Moderate	<b>Vapour pressure:</b>	No data available.
<b>Oxidising:</b>	Non-oxidising (by EC criteria)	<b>pH</b>	No data available.
<b>Solubility in water:</b>	Slightly soluble		
<b>Also soluble in:</b>	Most organic solvents.		
<b>Viscosity:</b>	No data available.		
<b>Boiling point/range °C:</b>	>35		
<b>Flammability limits %: lower:</b>	1.0		
<b>Flash point °C:</b>	15		
<b>Autoflammability °C:</b>	450		
<b>Relative density:</b>	0.880		
<b>VOC g/l:</b>	No data available.		

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**9 Physical and chemical properties**

**9.2. Other information**

Other information: No data available.

**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 reaction**

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. Hot surfaces. Sources of ignition. Flames.

**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.

**11 Toxicological products**

**11.1. Information on toxicological effects**

**Hazard Ingredients:**

**XYLENE**

ORL	MUS	LD50	2119	mg/kg
ORL	RAT	LD50	4300	mg/kg
SCU	RAT	LD50	1700	mg/kg

**N-BUTYL ACATATE**

ORL	MUS	LD50	6	gm/kg
ORL	RAT	LD50	10768	mg/kg

**ETHYL ACATATE**

ORL	MUS	LD50	4100	mg/kg
ORL	RAT	LD50	5620	mg/kg
SCU	RAT	LDLO	5	gm/kg

**BUTAN-1-OL**

IVN	RAT	LD50	310	mg/kg
ORL	MUS	LD50	2680	mg/kg
ORL	RAT	LD50	790	mg/kg

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**11 Toxicological products**

**11.1. Information on toxicological effects continued**

**Relevant effects for substance:**

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 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. Nausea and stomach pain may occur. There may be vomiting.  
**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.  
**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

**12 Ecological information**

**12.1. Toxicity**

**Hazardous ingredients:**

**ETHYL ACATATE**

FISH	96H LC50	230	mg/l
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**12.2. Persistence and degradability**

**Persistence and degradability:** Biodegradable.

**12.3. Bioaccumulative potential**

**Bioaccumulative potential:** No 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:** Negligible ecotoxicity.

**13 Disposal Considerations**

**13.1. Waste treatment methods**

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.  
**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**14 Transport information**

**14.1. UN Number**

**UN number:** UN1993

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**14** **Transport information**

**14.2. UN proper shipping name**

**Shipping name:** FLAMMABLE LIQUID, N.O.S. (ETHYL METHYL KETONE,XYLENE.)

**14.3. Transport hazard class(es)**

**Transport class:** 3

**14.4. Packing group**

**Packing group:** II

**14.5. Environmental hazards**

**Environmentally hazardous:** No **Marine pollutant:** No

**14.6. Special precautions for user**

**Special precautions:** No special precautions.

**Tunnel code:** D/E

**Transport category:** 2

**15** **Regulatory information**

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

**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.

**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 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.

H312: Harmful in contact with skin.

H315: Causes skin irritation.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H332: Harmful if inhaled.

H335: May cause respiratory irritation.

H336: May cause drowsiness or dizziness.

**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.