

# MATERIAL SAFETY DATA SHEET

256 0100

## Solvent Cleaner



### SECTION 1: IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND THE COMPANY

Product Name: **SOLVENT CLEANER**  
 Company Name: Polycote UK  
 Centre Point • Wolseley Road  
 Woburn Road Industrial Estate  
 Kempston • Beds MK42 7EF  
 Telephone Number: 01234 846400

### SECTION 2: HAZARDS IDENTIFICATION

Classification under CLP: STOT SE 3: H335; Acute Tox. 4: H332; Asp. Tox. 1: H304; Eye Dam. 1: H318; Flam. Liq. 2: H225; Skin Irrit. 2: H315; STOT RE 2: H373; -: EUH066

Most important adverse effects: Repeated exposure may cause skin dryness or cracking. Highly flammable liquid and vapour. May be fatal if swallowed and enters airways. Causes skin irritation. Causes serious eye damage. Harmful if inhaled. May cause respiratory irritation. May cause damage to organs through prolonged or repeated exposure.

Label elements:  
 Hazard statements: H225: Highly flammable liquid and vapour.  
 H304: May be fatal if swallowed and enters airways.  
 H315: Causes skin irritation.  
 H318: Causes serious eye damage.  
 H332: Harmful if inhaled.  
 H335: May cause respiratory irritation.  
 H373: May cause damage to organs through prolonged or repeated exposure.

Signal words: Danger



Precautionary statements: P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P241: Use explosion-proof electrical/ventilating/lighting equipment.  
 P260: Do not breathe vapours.  
 P280: Wear protective clothing.  
 P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor.  
 P362+P364: Take off contaminated clothing and wash it before reuse.

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

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

### SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients:

Einecs	CAS	PBT/WEL	CLP Classification	Percent
XYLENE				
215-535-7	1330-20-7	-	Flam. Liq. 3: H226; Acute Tox 4: H332; Acute Tox 4: H312; Skin Irrit. 2: H315	30-50%
4-METHYLPENTAN-2-ONE				
203-550-1	108-10-1	-	Flam. Liq. 2: H225; Acute Tox. 4: H332; Eye Irrit. 2: H319; STOT SE 3: H335 -: EUH066	30-50%

Einecs	CAS	PBT/WEL	CLP Classification	Percent
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 SE3: H336	10-30%
ETHYLBENZENE				
202-849-4	100-41-4	-	Flam. Liq. 2: H225; Acute Tox. 4: H332; STOT RE 2: H373; Asp. Tox. 1: H304	1-10%

### SECTION 4: FIRST AID MEASURES

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. Transfer to hospital for specialist examination.  
 Ingestion: Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Transfer to hospital as soon as possible.  
 Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

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 pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.  
 Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.  
 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.  
 Immediate/special treatment: Eye bathing equipment should be available on the premises.

### SECTION 5: FIRE FIGHTING MEASURES

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.  
 Exposure hazards: In combustion emits toxic fumes.  
 Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions: 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. Refer to section 8 of SDS for personal protection details.

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

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

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**SECTION 7: HANDLING AND STORAGE**

Handling:	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.
Storage:	Store in cool, well ventilated area. Keep container tightly closed.
Packaging:	Must only be kept in original packaging.
Specific end use(s):	Only for use as a solvent cleaner for tools and as an aid for trowelling.

**SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION****Hazardous ingredients:**

XYLENE		<b>Workplace exposure limits:</b>		<b>Respirable dust</b>	
		8 hour TWA:	15 min. STEL:	8 hour TWA:	15 min. STEL:
UK	220 mg/m <sup>3</sup>	441 mg/m <sup>3</sup>	–	–	–
4-METHYLPENTAN-2-ONE					
UK	208 mg/m <sup>3</sup>	416 mg/m <sup>3</sup>	–	–	–
ETHYLBENZENE					
UK	441 mg/m <sup>3</sup>	552 mg/m <sup>3</sup>	–	–	–
BUTAN-1-OL					
UK	–	154 mg/m <sup>3</sup>	–	–	–

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:	Protective gloves.
Eye protection:	Tightly fitting safety goggles. Ensure eye bath is to hand.
Skin protection:	Protective clothing.

**SECTION 9: PHYSICAL & CHEMICAL PROPERTIES**

State:	Liquid
Colour:	Colourless
Odour:	Characteristic odour
Solubility in water:	Not miscible
Viscosity:	Non-viscous
Boiling point/range °C:	117
Flash point °C:	14
Relative density:	0.83

**SECTION 10: STABILITY AND REACTIVITY**

Reactivity:	Stable under recommended transport or storage conditions.
Chemical stability:	Stable under normal conditions.
Hazardous reactions:	Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.
Conditions to avoid:	Heat.
Materials to avoid:	Strong oxidising agents. Strong acids.
Haz. decomp. products:	In combustion emits toxic fumes.

**SECTION 11: TOXICOLOGICAL INFORMATION****Hazardous ingredients:**

XYLENE			
ORL	MUS	LD50	2119 mg/kg
ORL	RAT	LD50	4300 mg/kg
SCU	RAT	LD50	1700 mg/kg
4-METHYLPENTAN-2-ONE			
IPR	RAT	LD50	400 mg/kg
ORL	MUS	LD50	1900 mg/kg
ORL	RAT	LD50	2080 mg/kg
BUTAN-1-OL			
IVN	RAT	LD50	310 mg/kg
ORL	MUS	LD50	2680 mg/kg
ORL	RAT	LD50	790 mg/kg
ETHYLBENZENE			
IPR	MUS	LD50	2624 µl/kg
ORL	RAT	LD50	3500 mg/kg

**Relevant effects for mixture:**

Hazard	Route	Basis
Acute toxicity (ac. tox. 4)	INH	Hazardous: calculated
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated
STOT-single exposure	INH	Hazardous: calculated
STOT-repeated exposure	–	Hazardous: calculated
Aspiration hazard	–	Hazardous: calculated

**Symptoms / routes of exposure**

Skin contact:	There may be irritation and redness at the site of contact.
Eye contact:	There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.
Ingestion:	There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.
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.

**SECTION 12: ECOLOGICAL INFORMATION**

Persistence and degradability:	Biodegradable.
Bioaccumulative potential:	No bioaccumulation potential.
Mobility:	Readily absorbed into soil.
PBT identification:	This substance is not identified as a PBT/vPvB substance.
Other adverse effects:	Negligible ecotoxicity.

**SECTION 13: DISPOSAL CONSIDERATIONS**

Disposal operations:	Transfer to a suitable container and arrange for collection by specialised disposal company.
Recovery operations:	Use principally as a fuel or other means to generate energy.
Waste code number:	14 06 03
Disposal of packaging:	Empty packaging contaminated with residues of hazardous substances are classified with waste code number 15-01-10 (plastic and metal).
NB:	The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

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**SECTION 14: TRANSPORT INFORMATION**

UN number: UN1993  
 Shipping name: FLAMMABLE LIQUID, N.O.S.  
 (Contains: XYLENE; 4-METHYLPENTAN-2-ONE;  
 BUTAN-1-OL)  
 Transport class: 3  
 Packing group: II  
 Environmentally hazardous: No  
 Marine pollutant: No  
 Special precautions: No special precautions.  
 Tunnel code: D/E  
 Transport category: 2

**SECTION 15: REGULATORY INFORMATION**

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**

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

This safety data sheet is prepared in accordance with Commission Regulation (EC) No 1272/2008.

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.  
 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.  
 H373: May cause damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

The Safety Data above is applicable to the product only as used according to the purposes and methods described on the relevant Technical Data Sheet, available from Polycote UK on request.

The information above is based on our present knowledge and is believed to be correct but does not purport to be all inclusive and should only be used as a guide. No warranty is implied with respect to the specification of the product. It is intended to describe the product solely in terms of its safety requirements and relates only to the specific material designed and may not be valid for such material used in combination with any other materials or in any process. This data does not constitute the users own assessment of workplace risk as required by other Health and Safety legislation, nor is it a sales specification or indication of suitability for any particular use. The user must satisfy himself as to the suitability of the product for his purpose. No legally valid contractual relationship is established by the above data, and Polycote UK shall not be held liable for any damage resulting from handling or from contact with the above product.

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