

# SAFETY DATA SHEET

## CS30 High Build Cellulose Primer

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### SECTION 1: IDENTIFICATION OF PRODUCT AND COMPANY

#### 1.1 Product Identifier

Product name: CS30 High Build Cellulose Primer  
Product Code: FL1515

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

Intended use: For professional use ONLY

#### 1.3 Details of supplier of the safety data sheet

Details of company: FLP Group  
Unit 1 Clayfields Industrial Estate  
Tickhill Road  
Doncaster  
DN4 8QG  
+44 (0) 1302 571571  
[sales@flpgroup.co.uk](mailto:sales@flpgroup.co.uk)

#### 1.4 Emergency telephone number

Emergency Tel: +44 (0) 1302 571571

### SECTION 2: HAZARD IDENTIFICATION

#### 2.1 Classification of the substance or mixture

Classification under CLP: Flam. Liq. 2 H225; Repr. 2 H361d; STOT RE 2 H373; Asp. Tox. 1 H304; Eye Dam. 1 H318; Skin Irrit. 2 H315; STOT SE 3 H336  
Most important adverse effects: Flammable liquid and vapour. Irritating to skin. May cause drowsiness or dizziness.

#### 2.2 Label elements

Hazard statements: H225 Highly flammable liquid and vapour.  
H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H361d Suspected of damaging the unborn child.  
H336 May cause drowsiness or dizziness.  
H373 May cause damage to organs through prolonged or repeated exposure.  
H304 May be fatal if swallowed and enters airways.  
Signal words: Warning  
Hazard pictograms: GHS02: Flame  
GHS05: Corrosion  
GHS07: Exclamation mark  
GHS08: Health hazard



#### Precautionary statements:

P101 if medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P103 Read label before use.  
P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

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P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P405 Store locked up.  
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.  
 Toluene, butanol

Contains:

**2.3 Other hazards**

Other hazards:  
 PBT:

In use, may form flammable / explosive vapour-air mixture.  
 This substance is not identified as a PBT substance.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

**3.2 Mixtures**

**Hazardous ingredients:**

CAS	EINECS	CLP	Percentage
<b>Toluene</b>			
108-88-3	203-625-9	Flam. Liq. 2, H225; Repr. 2, H361d; STOT RE 2, H373; Asp. Tox. 1, H304; Skin Irrit. 2, H315; STOT SE 3, H336	25-50%
<b>n-butyl acetate</b>			
123-86-4	204-658-1	Flam. Liq. 3, H226; STOT SE 3, H336	2-12%
<b>butanol</b>			
78-83-1	201-148-0	Flam. Liq. 3, H226; Eye Dam. 1, H318; Skin Irrit. 2, H315; STOT SE 3, H335-H336	2-12%
<b>2-butoxyethanol</b>			
111-76-2	203-905-0	Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319	2-12%
<b>Butanone</b>			
78-93-3	201-159-0	Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336	≤ 2.5%

**SECTION 4: FIRST AID MEASURES**

**4.1 Description of first aid measures**

Skin contact: Immediately wash with water and soap and rinse thoroughly.  
 Eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor  
 Ingestion: If symptoms persist consult doctor.  
 Inhalation: In case of unconsciousness place patient stably in side position for transportation.

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

Important symptoms and effects No further relevant information available

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

Immediate/special treatment: Not applicable

**SECTION 5: FIRE FIGHTING MEASURES**

**5.1 Extinguishing media**

Extinguishing media: CO2, sand, powder. Do not use water  
 Unsuitable extinguishing agents: Water with full jet

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

Exposure hazards: No further relevant information available

### 5.3 Advice for fire-fighters

Advice for fire-fighters: No special measures required

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

### 6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions: Wear protective equipment. Keep unprotected persons away.

### 6.2 Environmental precautions

Environmental precautions: Do not allow product to reach sewage system or any water course. Inform respective authorities in case of seepage into water course or sewage system. Do not allow to enter sewers/ surface or ground water.

### 6.3 Methods and material for containment and cleaning up

Clean-up procedures: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13. Ensure adequate ventilation. Do not flush with water or aqueous cleansing agents

### 6.4 Reference to other sections

Reference to other sections: See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information

## **SECTION 7: HANDLING & STORAGE**

### 7.1 Precautions for safe handling

Precautions for safe handling: Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.

Fire and explosion protection: Keep ignition sources away - Do not smoke. Protect against electrostatic charges.

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

Requirements for storerooms: No special requirements.

Common storage facility: Not required.

Further storage conditions: Keep container tightly sealed.

### 7.3 Specific end use(s)

Specific end use(s): No further relevant information available.

## **SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION**

### 8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace	
108-88-3 toluene	
WEL	Short-term value: 384 mg/m <sup>3</sup> , 100 ppm Long-term value: 191 mg/m <sup>3</sup> , 50 ppm
	Sk
123-86-4 n-butyl acetate	
WEL	Short-term value: 966 mg/m <sup>3</sup> , 200 ppm Long-term value: 724 mg/m <sup>3</sup> , 150 ppm
78-83-1 butanol	
WEL	Short-term value: 231 mg/m <sup>3</sup> , 75 ppm Long-term value: 154 mg/m <sup>3</sup> , 50 ppm
111-76-2 2-butoxyethanol	

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WEL	Short-term value: 246 mg/m <sup>3</sup> , 50 ppm Long-term value: 123 mg/m <sup>3</sup> , 25 ppm Sk, BMGV
78-93-3 butanone	
WEL	Short-term value: 899 mg/m <sup>3</sup> , 300 ppm Long-term value: 600 mg/m <sup>3</sup> , 200 ppm Sk, BMGV
Ingredients with biological limit values:	
111-76-2 2-butoxyethanol	
BMGV	240 mmol/mol creatinine Medium: urine Sampling time: post shift Parameter: butoxyacetic acid
78-93-3 butanone	
BMGV	70 Lmol/L Medium: urine Sampling time: post shift Parameter: butan-2-one

**8.2 Exposure controls**

General measures:

Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.

Respiratory protection:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Protection of hands:

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Material of gloves: The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material: The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection:

Tightly sealed goggles

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

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

Form:	Fluid
Colour:	According to product specification
Odour:	Characteristic
Odour threshold:	Not determined.
pH-value:	Not determined.
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	108 °C
Flash point:	4 °C
Flammability (solid, gaseous):	Not applicable.
Ignition temperature:	240 °C
Decomposition temperature:	Not determined.
Self-igniting:	Product is not self-igniting.

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Danger of explosion: Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

Explosion limits  
 Lower: 1.2 Vol %  
 Upper: 7.0 Vol %

Vapour pressure at 20 °C: 29 hPa

Density: Not determined.  
 Relative density: Not determined.  
 Vapour density: Not determined.  
 Evaporation rate: Not determined.

Solubility in/Miscibility with water: Not miscible or difficult to mix.  
 Partition coefficient: Not determined.

Viscosity  
 Dynamic: Not determined.  
 Kinematic: Not determined.

Solvent content  
 Organic solvents: 73.5 %  
 VOC (EC): 73.5 %  
 Solids content: 26.5 %

**9.2 Other information**

Other information: No further relevant information available

**SECTION 10: STABILITY AND REACTIVITY**

**10.1 Reactivity**

Reactivity: No further relevant information available.

**10.2 Chemical stability**

Thermal decomposition: No decomposition if used according to specifications.

**10.3 Possibilities of hazardous reactions**

Possibility of hazardous reactions: No dangerous reactions known.

**10.4 Conditions to avoid**

Conditions to avoid: No further relevant information available.

**10.5 Incompatible materials**

Incompatible materials: No further relevant information available.

**10.6 Hazardous decomposition products**

Hazardous decomposition products: No dangerous decomposition products known.

**SECTION 11: TOXICAL INFORMATION**

**11.1 Information on toxicological effects**

Acute toxicity:

LD/LC50 values relevant for classification:		
108-88-3 toluene		
Oral	LD50	5000 mg/kg (rat)
Dermal	LD50	12124 mg/kg (rabbit)
Inhalative	LC50/4 h	5320 mg/l (mouse)

**Primary irritant effect**

Skin corrosion/irritation: Irritant to skin and mucous membranes.  
 Serious eye damage/irritation: Irritating effect  
 Respiratory or skin sensitisation: No sensitising effects known  
 Additional toxicological information: The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version: Irritant

**SECTION 12: ECOLOGICAL INFORMATION**

**12.1 Toxicity**

Aquatic toxicity: No further relevant information available.

**12.2 Persistence and degradability**

Persistence and degradability: No further relevant information available.

**12.3 Bio accumulative potential**

Bio accumulative potential: No further relevant information available.

**12.4 Mobility in soil**

Mobility in soil: No further relevant information available.

**12.5 Results of PBT and vPvB assessment**

PBT: Not applicable.

vPvB: Not applicable.

**12.6 Other adverse effects**

Other adverse effects: No further relevant information available.

Additional ecological information

General notes:

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water. Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground.

**SECTION 13: DISPOSAL CONSIDERATIONS**

**13.1 Waste treatment methods**

Recommendation: Must not be disposed together with household garbage. Do not allow product to reach sewage system.  
Disposal must be made according to official regulations

**SECTION 14: TRANSPORTATION INFORMATION**

**14.1 UN number**

UN-Number

ADR, IMDG, IATA: UN1263

**14.2 UN proper shipping name**

UN proper shipping name

ADR: 1263 PAINT

IMDG, IATA: PAINT

**14.3 Transport hazard class**

Transport hazard class

ADR, IMDG, IATA

Class 3 Flammable liquids.

Label 3

**14.4 Packaging group**

Packing group

ADR, IMDG, IATA: III

**14.5 Environmental hazards**

Environmental hazards

Marine pollutant: No

**14.6 Special precautions for user**

Special precautions for user: Warning: Flammable liquids.

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Danger code (Kemler): 30  
 EMS Number: F-E, S-E  
 Transport in bulk according to Annex II of Marpol and the IBC Code  
 Not applicable.

**Transport/Additional information**

ADR

Limited quantities (LQ): 5L  
 Excepted quantities (EQ): Code E1

Maximum net quantity per inner packaging: 30 ml  
 Maximum net quantity per outer packaging: 1000 ml

Transport category 3  
**Tunnel restriction code** D/E

IMDG

Limited quantities (LQ): 5L  
 Excepted quantities (EQ): Code E1

Maximum net quantity per inner packaging: 30 ml  
 Maximum net quantity per outer packaging: 1000 ml

UN "Model Regulation": UN1263, PAINT, 3, III

**SECTION 15: REGULATORY INFORMATION**

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

Named dangerous substances: No further relevant information available.

**15.2 Chemical safety assessment**

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

**SECTION 16: OTHER INFORMATION**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases:

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.  
 H361d Suspected of damaging the unborn child.  
 H373 May cause damage to organs through prolonged or repeated exposure.

Department issuing MSDS:

Product safety department

Contact:

Mr Hoare

Abbreviations and acronyms:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road  
 IMDG: International Maritime Code for Dangerous Goods  
 IATA: International Air Transport Association  
 GHS: Globally Harmonised System of Classification and Labelling of Chemicals  
 EINECS: European Inventory of Existing Commercial Chemical Substances  
 ELINCS: European List of Notified Chemical Substances  
 CAS: Chemical Abstracts Service (division of the American Chemical Society)

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VOC: Volatile Organic Compounds (USA, EU)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
PBT: Persistent, Bio accumulative and Toxic  
vPvB: very Persistent and very Bio accumulative  
Flam. Liq. 3: Flammable liquids, Hazard Category 3  
Acute Tox. 4: Acute toxicity, Hazard Category 4  
Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2  
STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3