

# SAFETY DATA SHEET

## CELL STD THINNERS 5LTR

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

**PRODUCT NAME:** CELL STD THINNERS 5LTR

**PART No.:** STT005

**SUPPLIER:** TETROSYL LIMITED  
BEVIS GREEN WORKS  
WALMERSLEY  
BURY  
Tel: 0161 764 5981  
Fax: 0161 797 5899

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

NAME	EINECS Nr.:	CLASSIFICATION	CONTENT
CAS No.: BUTAN-2-OL 78-92-2	201-158-5	Xi R-10, 36/37, 67	1-5 %
TOLUENE 108-88-3	203-625-9	Xn ,F R-11, 20	30-60 %
ACETONE 67-64-1	200-662-2	Xi ,F R-11, 36, 66, 67	10-30 %
BUTYL ACETATE 123-86-4	204-658-1	- R-10, 66, 67	5-10 %
METHANOL 67-56-1	200-659-6	T ,F R-11, 23/24/25, 39/23/24/25	1-5 %
ETHYL ACETATE 141-78-6	205-500-4	Xi ,F R-11, 36, 66, 67	1-5 %
2-METHOXY-1-METHYLETHYL ACETATE 108-65-6	203-603-9	Xi R-10, 36	5-10 %

The Full Text for all R-Phrases are Displayed in Section 16

### 3. HAZARDS IDENTIFICATION

Highly flammable. Harmful by inhalation. Irritating to eyes. Repeated exposure may cause skin dryness or cracking.

## 4. FIRST AID MEASURES

<b>GENERAL:</b>	Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.
<b>INHALATION:</b>	Move the exposed person to fresh air at once. For breathing difficulties oxygen may be necessary. If breathing stops, provide artificial respiration. Keep the affected person warm and at rest. Get prompt medical attention.
<b>INGESTION:</b>	DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Remove victim immediately from source of exposure. Immediately rinse mouth and provide fresh air. Get medical attention immediately! NOTE! Keep affected person away from heat, sparks and flames!
<b>SKIN:</b>	Remove affected person from source of contamination. Wash the skin immediately with soap and water. Get medical attention if irritation persists after washing.
<b>EYES:</b>	Remove victim immediately from source of exposure. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Contact physician if irritation persists.

## 5. FIRE FIGHTING MEASURES

<b>EXTINGUISHING MEDIA:</b>	Fire can be extinguished using: Foam. Dry chemicals, sand, dolomite etc.
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b>	Move container from fire area if it can be done without risk. Containers close to fire should be removed or cooled with water. Cool containers exposed to flames with water until well after the fire is out. Keep run-off water out of sewers and water sources. Dike for water control.
<b>UNUSUAL FIRE &amp; EXPLOSION HAZARDS:</b>	HIGHLY FLAMMABLE! Vapours are heavier than air and may spread near ground to sources of ignition.

## 6. ACCIDENTAL RELEASE MEASURES

<b>SPILL CLEANUP METHODS:</b>	Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Stop leak if possible without risk. Provide ventilation and confine spill. Do not allow runoff to sewer. Absorb in vermiculite, dry sand or earth and place into containers.
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## 7. HANDLING AND STORAGE

<b>USAGE PRECAUTIONS:</b>	Static electricity and formation of sparks must be prevented. Keep away from heat, sparks and open flame. Use explosion proof electric equipment. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.
<b>STORAGE PRECAUTIONS:</b>	Keep in cool, dry, ventilated storage and closed containers. Keep in original container.
<b>STORAGE CRITERIA:</b>	Flammable liquid storage.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

INGREDIENT NAME:	CAS No.:	STD	LT EXP 8 Hrs	ST EXP 15 Min
TOLUENE	108-88-3	OES	50 ppm(Sk)	150 ppm(Sk)
ACETONE	67-64-1	OES	500 ppm	1500 ppm
BUTYL ACETATE	123-86-4	OES	150 ppm	200 ppm
METHANOL	67-56-1	OES	200 ppm(Sk)	250 ppm(Sk)
ETHYL ACETATE	141-78-6	OES	200 ppm	400 ppm
BUTAN-2-OL	78-92-2	OES	100 ppm	150 ppm

**INGREDIENT COMMENTS:** OES = Occupational Exposure Standard.

**PROTECTIVE EQUIPMENT:**



**VENTILATION:** Explosion-proof general and local exhaust ventilation.

**RESPIRATORS:** No specific recommendation made, but respiratory protection must be used if the general level exceeds the Occupational Exposure Level (OEL).

**PROTECTIVE GLOVES:** Use protective gloves.

**EYE PROTECTION:** Wear approved safety goggles.

**OTHER PROTECTION:** Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

**HYGIENIC WORK PRACTICES:** DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. No eating or drinking while working with this material.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** Clear. Liquid.

**DENSITY/SPECIFIC GRAVITY (g/ml):** 0.830 - 0.860

**Temperature (°C):** 20

**pH-VALUE, CONC. SOLUTION:** 6.50 - 7.50

**FLASH POINT (°C):** - 7

**Method:**

## 10. STABILITY AND REACTIVITY

**STABILITY:** Normally stable.

**CONDITIONS TO AVOID:** Avoid heat. Avoid contact with oxidisers or reducing agents.

**HAZARDOUS DECOMP. PRODUCTS:** Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

## 11. TOXICOLOGICAL INFORMATION

<b>INHALATION:</b>	Harmful by inhalation. High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting. Vapour from this chemical can be hazardous when inhaled. Solvent vapours are hazardous and may cause nausea, sickness and headaches.
<b>INGESTION:</b>	May cause stomach pain or vomiting.
<b>SKIN:</b>	Acts as a defatting agent on skin. May cause cracking of skin, and eczema.
<b>EYES:</b>	Irritation of eyes and mucous membranes.
<b>MEDICAL SYMPTOMS:</b>	Irritation of eyes and mucous membranes.

## 12. ECOLOGICAL INFORMATION

<b>ECOLOGICAL INFORMATION:</b>	Dangerous for the environment if discharged into watercourses.
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## 13. DISPOSAL CONSIDERATIONS

<b>DISPOSAL METHODS:</b>	Dispose of in accordance with Local Authority requirements.
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## 14. TRANSPORT INFORMATION

**LABEL FOR CONVEYANCE:**



<b>UN No. ROAD:</b>	1263
<b>UK ROAD TRANSPORT CLASS:</b>	3
<b>UK ROAD PACK GR.:</b>	II
<b>ADR CLASS No.:</b>	3
<b>PROPER SHIPPING NAME I:</b>	PAINT RELATED MATERIAL

<b>IMDG CLASS:</b>	3
<b>IMDG PACK GR.:</b>	II
<b>ICAO CLASS:</b>	3
<b>AIR PACK GR.:</b>	II

## 15. REGULATORY INFORMATION

### LABEL FOR SUPPLY:



### RISK PHRASES:

R-11 Highly flammable.  
 R-20 Harmful by inhalation.  
 R-36 Irritating to eyes.  
 R-66 Repeated exposure may cause skin dryness or cracking.

### SAFETY PHRASES:

S-13 Keep away from food, drink and animal feeding stuffs.  
 S-16 Keep away from sources of ignition - No Smoking.  
 S-2 Keep out of the reach of children.  
 S-25 Avoid contact with eyes.  
 S-26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
 S-37 Wear suitable gloves.  
 S-46 If swallowed, seek medical advice immediately and show this container or label.  
 S-51 Use only in well-ventilated areas.  
 S-56 Dispose of this material and its container to hazardous or special waste collection point.  
 S-9 Keep container in a well-ventilated place.

### UK REGULATORY REFERENCES:

Petroleum (Consolidation) Act, as amended 1984 SI 1244. Highly Flammable Liquid Regulations 1972.

### ENVIRONMENTAL LISTING:

Rivers (Prevention of Pollution) Act 1961. Control of Pollution (Special Waste Regulations) Act 1980.

### EU DIRECTIVES:

System of specific information relating to Dangerous Preparations. 91\155. Dangerous Substance Directive 67\548. Dangerous Preparations Directive 88\379.

### STATUTORY INSTRUMENTS:

Chemicals (Hazard Information and Packaging) Regulations. Control of Substances Hazardous to Health.

### APPROVED CODE OF PRACTICE:

Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations L62.

### GUIDANCE NOTES:

Occupational Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).

## 16. OTHER INFORMATION

### INFORMATION SOURCES:

Dangerous Properties of Industrial Materials Report, N.Sax et.al.

**ISSUED BY:** PJC

**REVISION DATE:** 2002-11-05

**REV. No./REPL. SDS GENERATED:** 1

**SDS No.:** 200142

**R-PHRASES (Full Text):** R-10 Flammable. R-36 Irritating to eyes. R-36/37 Irritating to eyes and respiratory system. R-67 Vapours may cause drowsiness and dizziness. R-11 Highly flammable. R-20 Harmful by inhalation. R-66 Repeated exposure may cause skin dryness or cracking. R-23/24/25 Toxic by inhalation, in contact with skin and if swallowed. R-39/23/24/25 Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.

**DISCLAIMER:** The information provided in this document has been compiled on the basis of our current knowledge and is believed to be in accordance with the requirements of the Dangerous Substances Directive, Dangerous Preparations Directive and Safety Data Sheets Directive. The information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any particular conditions or process. The conditions and extent of storage and use of material are outside of our control and within the control of the possessor or user. Consequently it is the responsibility of the possessor or user to satisfy themselves as to the completeness of such information and the suitability of the material for their own particular circumstances, conditions or use.