

SAFETY DATA SHEET

CELL THINN PREMIUM 5LTR

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

PRODUCT NAME: CELL THINN PREMIUM 5LTR

PART No.: PRT005

SUPPLIER: TETROSYL LIMITED
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2. COMPOSITION/INFORMATION ON INGREDIENTS

NAME			CONTENT
CAS No.:	EINECS Nr.:	CLASSIFICATION	
BUTYL ACETATE 123-86-4	204-658-1	- R-10, 66, 67	5-10 %
ISOBUTYL ACETATE 110-19-0	203-745-1	F R-11, 66	5-10 %
BUTAN-2-OL 78-92-2	201-158-5	Xi R-10, 36/37, 67	1-5 %
ACETONE 67-64-1	200-662-2	Xi ,F R-11, 36, 66, 67	5-10 %
ETHYL ACETATE 141-78-6	205-500-4	Xi ,F R-11, 36, 66, 67	1-5 %
PROPAN-2-OL 67-63-0	200-661-7	Xi ,F R-11, 36, 67	1-5 %
METHANOL 67-56-1	200-659-6	T ,F R-11, 23/24/25, 39/23/24/25	1-5 %
2-METHOXY-1-METHYLETHYL ACETATE 108-65-6	203-603-9	Xi R-10, 36	5-10 %
TOLUENE 108-88-3	203-625-9	Xn ,F R-11, 20	10-30 %
XYLENE 1330-20-7	215-535-7	Xn R-10, 20/21, 38	10-30 %
SOLVENT NAPHTHA (PETROLEUM), MEDIUM ALIPH.; STRAIGHT RUN KEROSENE 64742-88-7	265-191-7	Xn R-65	1-5 %

BUTANONE
78-93-3 201-159-0 Xi ,F R-11, 36, 66, 67

1-5 %

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

3. HAZARDS IDENTIFICATION

Highly flammable. Harmful by inhalation and in contact with skin. Irritating to eyes and skin.

4. FIRST AID MEASURES

GENERAL: NOTE! Keep affected person away from heat, sparks and flames! Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

INHALATION: Move the exposed person to fresh air at once. For breathing difficulties oxygen may be necessary. NOTE! Keep affected person away from heat, sparks and flames! If breathing stops, provide artificial respiration. Keep the affected person warm and at rest. Get prompt medical attention.

INGESTION: DO NOT INDUCE VOMITING! Remove victim immediately from source of exposure. NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Provide rest, warmth and fresh air. Get medical attention immediately! If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

SKIN: Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if irritation persists after washing.

EYES: 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

EXTINGUISHING MEDIA: Fire can be extinguished using: Foam. Dry chemicals, sand, dolomite etc.

SPECIAL FIRE FIGHTING PROCEDURES: Avoid breathing fire vapours. 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.

UNUSUAL FIRE & EXPLOSION HAZARDS: May travel considerable distance to source of ignition and flash back. May explode when heated or when exposed to flames or sparks. Vapour explosion and poison hazard indoors, outdoors and in sewers.

HAZARDOUS COMBUSTION PRODUCTS: Irritating gases/vapors/fumes of: Carbon dioxide (CO₂). Carbon monoxide (CO).

6. ACCIDENTAL RELEASE MEASURES

SPILL CLEANUP METHODS: Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Clean-up personnel should use respiratory and/or liquid contact protection. Absorb in vermiculite, dry sand or earth and place into containers. Collect with noncombustible absorbent material. Flush with water. Dike for large spills. Inform Authorities if large

amounts are involved.

7. HANDLING AND STORAGE

USAGE PRECAUTIONS:	Avoid spilling, skin and eye contact. Keep away from heat, sparks and open flame. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level. Use explosion proof electric equipment. Wear full protective clothing for prolonged exposure and/or high concentrations.
STORAGE PRECAUTIONS:	Flammable/combustible - Keep away from oxidizers, heat and flames. Keep in cool, dry, ventilated storage and closed containers. Keep in original container. May attack some plastics, rubber and coatings. Ground container and transfer equipment to eliminate static electric sparks.
STORAGE CRITERIA:	Flammable liquid storage.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

INGREDIENT NAME:	CAS No.:	STD	LT EXP 8 Hrs	ST EXP 15 Min
BUTYL ACETATE	123-86-4	OES	150 ppm	200 ppm
ISOBUTYL ACETATE	110-19-0	OES	150 ppm	187 ppm
BUTAN-2-OL	78-92-2	OES	100 ppm	150 ppm
ACETONE	67-64-1	OES	500 ppm	1500 ppm
ETHYL ACETATE	141-78-6	OES	200 ppm	400 ppm
PROPAN-2-OL	67-63-0	OES	400 ppm	500 ppm
METHANOL	67-56-1	OES	200 ppm(Sk)	250 ppm(Sk)
TOLUENE	108-88-3	OES	50 ppm(Sk)	150 ppm(Sk)
XYLENE	1330-20-7	OES	50 ppm(Sk)	100 ppm(Sk)
BUTANONE	78-93-3	OES	200 ppm(Sk)	300 ppm(Sk)

INGREDIENT COMMENTS: OES = Occupational Exposure Standard.

PROTECTIVE EQUIPMENT:



VENTILATION:	Provide adequate general and local exhaust ventilation. Must not be handled in confined space without sufficient ventilation.
RESPIRATORS:	Respiratory protection must be used if air concentration exceeds acceptable level. 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. Use protective gloves made of: Butyl rubber.
EYE PROTECTION:	Use approved safety goggles or face shield. Wear approved chemical safety goggles where eye exposure is reasonably probable.
OTHER PROTECTION:	Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact. Use engineering controls to reduce air contamination to permissible exposure level. Provide eyewash, quick drench. Wear appropriate clothing to prevent any possibility of skin 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. Wash promptly with soap & water if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. No eating or drinking while working with this material.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Liquid.	Temperature (°C):	20
COLOUR:	Colourless.	Concentration %M:	50
DENSITY/SPECIFIC GRAVITY (g/ml):	0.84 - 0.86	Method:	CC (Closed cup).
pH-VALUE, DILUTED SOLUTION:	6.5 - 7.5		
FLASH POINT (°C):	-7		

10. STABILITY AND REACTIVITY

STABILITY: Normally stable. Avoid: Heat, sparks, flames.

CONDITIONS TO AVOID: Avoid heat. Avoid contact with oxidisers or reducing agents. Avoid heat, flames and other sources of ignition.

MATERIALS TO AVOID: NITRIC ACID

HAZARDOUS DECOMP. PRODUCTS: Fire creates: Toxic gases/vapours/fumes of: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO₂).

11. TOXICOLOGICAL INFORMATION

HEALTH HAZARDS, GENERAL: Prolonged and repeated contact with solvents over a long period may lead to permanent health problems.

INHALATION: Solvent vapours are hazardous and may cause nausea, sickness and headaches. Gas or vapour is toxic or extremely irritating even on brief exposure. Vapour may irritate respiratory system or lungs.

INGESTION: Harmful: may cause lung damage if swallowed. Pneumonia may be the result if vomited material containing solvents reaches the lungs. Narcotic effect.

SKIN: Acts as a defatting agent on skin. May cause cracking of skin, and eczema. Irritating to skin. Prolonged or repeated exposure may cause severe irritation.

EYES: Irritating to eyes. Vapour or spray may cause temporary (reversible) eye damage.

ROUTE OF ENTRY: Inhalation. Ingestion. Skin and/or eye contact.

TARGET ORGANS: Respiratory system, lungs.

MEDICAL SYMPTOMS: High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting. Extreme irritation of eyes and mucous membranes, including burning and tearing. Severe skin irritation. Nausea, vomiting. Central nervous system depression. Drowsiness, dizziness, disorientation, vertigo. Pulmonary oedema, frothy sputum.

12. ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Dangerous for the environment: May cause long-term adverse effects in the aquatic environment. Dangerous for the environment if discharged into watercourses.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS: Dispose of in accordance with Local Authority requirements. Do not allow runoff to sewer, waterway or ground.

14. TRANSPORT INFORMATION

LABEL FOR CONVEYANCE:



UN No. ROAD:	1263
UK ROAD TRANSPORT CLASS:	3
UK ROAD PACK GR.:	II
ADR CLASS No.:	3
ADR CLASS:	Class 3: Flammable liquids.
PROPER SHIPPING NAME I:	PAINT RELATED MATERIAL
IMDG CLASS:	3
IMDG PACK GR.:	II
ICAO CLASS:	3
AIR PACK GR.:	II

15. REGULATORY INFORMATION

LABEL FOR SUPPLY:



RISK PHRASES:	R-11 Highly flammable. R-20/21 Harmful by inhalation and in contact with skin. R-36/38 Irritating to eyes and skin.
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-24/25 Avoid contact with skin and eyes. S-26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S-36/37 Wear suitable protective clothing and 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.
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.
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:	2001-12-04
SDS No.:	200138
R-PHRASES (Full Text):	R-11 Highly flammable. R-36 Irritating to eyes. R-66 Repeated exposure may cause skin dryness or cracking. R-67 Vapours may cause drowsiness and dizziness. R-10 Flammable. R-36/37 Irritating to eyes and respiratory system. 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. R-20 Harmful by inhalation. R-20/21 Harmful by inhalation and in contact with skin. R-38 Irritating to skin. R-65 Harmful: may cause lung damage 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.