

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name Cell-Base Instant Cell Creator
Container size 75g

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

1.3. Details of the supplier of the safety data sheet

Supplier Eli-Chem Resins UK Ltd
212 Dunsfold Park
Stovolds Hill
Cranleigh
GU6 8GA
United Kingdom
T: +44 (0) 1483 266636
e-mail: sales@elichem.co.uk

1.4. Emergency telephone number

Emergency telephone +44 (0) 1483 266636 (Office Hours Only)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Flam. Liq. 3 - H226

Health hazards STOT SE 3 - H336

Environmental hazards Not Classified

Classification (67/548/EEC or 1999/45/EC) R10, R67

Human health Irritating to skin. Product has a defatting effect on skin.

Physicochemical Heating may generate flammable vapours. Vapours may form explosive mixtures with air.

2.2. Label elements

Pictogram



Signal word

Warning

Hazard statements	H226 Flammable liquid and vapour. H336 May cause drowsiness or dizziness.
Precautionary statements	P261 Avoid breathing vapour/ spray. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P501 Dispose of contents/ container in accordance with national regulations.
Supplementary precautionary statements	P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P240 Ground/ bond container and receiving equipment. P241 Use explosion-proof electrical equipment. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge. P271 Use only outdoors or in a well-ventilated area. P312 Call a POISON CENTER/ doctor if you feel unwell. P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish. P403+P233 Store in a well-ventilated place. Keep container tightly closed. P403+P235 Store in a well-ventilated place. Keep cool. P405 Store locked up.

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Organic Naphtha EC 919-857-5	10-30%
CAS number: —	EC number: 919-857-5
Classification	
Flam. Liq. 3 - H226	
STOT SE 3 - H336	
Asp. Tox. 1 - H304	
Hydrocarbon Diluent	10-30%
CAS number: 64742-47-8	EC number: 265-149-8
Classification	
Flam. Liq. 3 - H226	Classification (67/548/EEC or 1999/45/EC)
Asp. Tox. 1 - H304	Xn;R65. R10,R66.

Colourless Ester –norm		1-5%
CAS number: 123-86-4	EC number: 204-658-1	
Classification	Classification (67/548/EEC or 1999/45/EC)	
Flam. Liq. 3 - H226	R10 R66 R67	
STOT SE 3 - H336		

Aliphatic Acids, Cobalt (2+) Salts		<1%
CAS number: 68409-81-4	EC number: 270-066-5	
Classification	Classification (67/548/EEC or 1999/45/EC)	
Acute Tox. 4 - H302	Xn;R22. Xi;R38. N;R51/53. R43.	
Skin Irrit. 2 - H315		
Eye Irrit. 2 - H319		
Skin Sens. 1 - H317		
Aquatic Chronic 2 - H411		

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

- General information** Move affected person to fresh air at once. Get medical attention if any discomfort continues.
- Inhalation** Remove affected person from source of contamination. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.
- Ingestion** Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention. Show this Safety Data Sheet to the medical personnel.
- Skin contact** Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical Attention promptly if symptoms occur after washing.
- Eye contact** Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.

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

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

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Extinguish with the following media: Foam. Dry chemicals, sand, dolomite etc.

5.2. Special hazards arising from the substance or mixture

Specific hazards The product is flammable. Heating may generate flammable vapours. Thermal decomposition or combustion products may include the following substances: Toxic gases or vapours.

5.3. Advice for firefighters

Protective actions during firefighting Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Cool containers exposed to flames with water until well after the fire is out.

Special protective equipment for firefighters Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Environmental precautions Avoid discharge into drains or watercourses or onto the ground

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Absorb spillage with non-combustible, absorbent material. Collect and place in suitable waste disposal containers and seal securely. For waste disposal, see Section 13. Avoid the spillage or runoff entering drains, sewers or watercourses.

6.4. Reference to other sections**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

Usage precautions Keep away from heat, sparks and open flame. Avoid spilling. Avoid contact with skin and eyes. Provide adequate ventilation. Avoid inhalation of vapours. Use approved respirator if air contamination is above an acceptable level.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Keep away from oxidising materials, heat and flames. Store in tightly closed original container in a dry, cool and well-ventilated place. Keep only in the original container.

Storage class Flammable liquid storage.

7.3. Specific end use(s)

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

Organic Naphtha

Long-term exposure limit (8-hour TWA): OEL 1000 mg/m³

Colourless Ester

Long-term exposure limit (8-hour TWA): WEL 150 ppm 724 mg/m³

Short-term exposure limit (15-minute): WEL 200 ppm 966 mg/m³

OEL = Occupational Exposure Limit

WEL = Workplace Exposure Limit

Ingredient comments WEL = Workplace Exposure Limits

Hydrocarbon Diluent (CAS: 64742-47-8)

DNEL Industry - Dermal; Long term : 300 mg/kg/day
 Industry - Inhalation; Short term : 1500 mg/m³
 Consumer - Dermal; Long term : 300 mg/kg/day
 Consumer - Inhalation; Long term : 900 mg/m³
 Consumer - Oral; Long term : 300 mg/kg/day

Colourless Ester –norm (CAS: 123-86-4)

DNEL Industry - Inhalation; Short term : 960 mg/m³
 Industry - Inhalation; Long term : 480 mg/m³
 Consumer - Inhalation; Short term : 859.7 mg/m³
 Consumer - Inhalation; Long term : 102.34 mg/m³

PNEC - Fresh water; 0.18 mg/l
 - Marine water; 0.018 mg/l
 - STP; 35.6 mg/l
 - Sediment (Freshwater); 0.981 mg/kg
 - Sediment (Marinewater); 0.0981 mg/kg
 - Soil; 0.0903 mg/kg

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate general and local exhaust ventilation.

Eye/face protection

The following protection should be worn: Chemical splash goggles.

Hand protection

Use protective gloves.

Other skin and body protection	Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact. Provide eyewash station.
Hygiene measures	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. Wash promptly with soap and water if skin becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.
Respiratory protection	If ventilation is inadequate, suitable respiratory protection must be worn. Wear a respirator fitted with the following cartridge: Organic vapour filter.

SECTION 9: Physical and Chemical Properties**9.1. Information on basic physical and chemical properties**

Appearance	Liquid
Odour	Aromatic
Initial boiling point and range	152-198 @°C @ 760 mm Hg
Flash point	38°C CC (Closed cup)
Upper/lower flammability or explosive limits	Lower flammable/explosive limit: 0.8
Vapour density	>1
Relative density	0.89-1.1 @ @ 20°C
Solubility(ies)	Immiscible with water
Viscosity	500-800 cP @ 25°C

9.2. Other information

Volatility	60
Volatile organic compound	This product contains a maximum VOC content of <499 g/litre.

SECTION 10: Stability and reactivity**10.1. Reactivity****10.2. Chemical stability**

Stability	Stable at normal ambient temperatures.
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10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Conditions to avoid Avoid heat. Avoid contact with the following materials: Strong oxidising agents.

10.5. Incompatible materials

10.6. Hazardous decomposition product

Hazardous decomposition products Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Inhalation Vapour from this product may be hazardous by inhalation.

Ingestion Swallowing concentrated chemical may cause severe internal injury.

Skin contact Product has a defatting effect on skin. Repeated exposure may cause skin dryness or cracking. May cause allergic contact eczema.

Eye contact May cause severe eye irritation.

Target organs Skin Eyes Respiratory system, lungs.

SECTION 12: Ecological Information

Ecotoxicity The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment.

12.1. Toxicity

12.2. Persistence and degradability

Ecological information on ingredients.

Hydrocarbon Diluent

Biodegradation -Degradation 80: 28 days

Colourless Ester

Biodegradation Water - Degradation 83: 28 days

12.3. Bioaccumulative potential

Ecological information on ingredients.

Hydrocarbon Diluent

Partition coefficient : 5 - 6.7

12.4. Mobility in soil

Ecological information on ingredients.

Hydrocarbon Diluent

Surface tension 24.5 mN/m @ 20°C

Colourless Ester

Surface tension 61.3 mN/m @ °C

12.5. Results of PBT and vPvB assessment12.6. Other adverse effects**SECTION 13: Disposal considerations**13.1. Waste treatment methods

General information Waste should be treated as controlled waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information14.1. UN number

UN No. (ADR/RID) 1263

UN No. (IMDG) 1263

UN No. (ICAO) 1263

14.2. UN proper shipping name

Proper shipping name (ADR/RID) PIGMENT

Proper shipping name (IMDG) PIGMENT

Proper shipping name (ICAO) PIGMENT

Proper shipping name (ADN) PIGMENT

14.3. Transport hazard class(es)

ADR/RID class 3

ADR/RID label 3

IMDG class 3

ICAO class/division 3

Transport labels



14.4. Packing group

ADR/RID packing group III

IMDG packing group III

ICAO packing group III

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

EmS F-E, S-E

Emergency Action Code 3YE

Hazard Identification Number (ADR/RID) 30

Tunnel restriction code (D/E)

14.7. Transport in bulk according to Annex II of

MARPOL and the IBC Code Not Applicable

Transport/Additional information:

ADR 5L
 Limited quantities (LQ) Code: E1
 Excepted quantities (EQ) Maximum net quantity per outer packaging: 1000ml
 Transport category 3
 Tunnel restriction code D/E

IMDG

Limited quantities (LQ) 5L
 Excepted quantities (EQ) Code: E1
 Maximum net quantity per outer packaging: 1000ml

SECTION 15: Regulatory information

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

National regulations The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

Control of Substances Hazardous to Health Regulations 2002 (as amended).

EU legislation Regulation (EC) No 1907/2006 of the European Parliament and of the Council of

18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

Guidance Approved Classification and Labelling Guide (Sixth edition) L131.

15.2. Chemical safety assessment

SECTION 16: Other information

Risk phrases in full	R10 Flammable. R21 Harmful in contact with skin. R22 Harmful if swallowed. R38 Irritating to skin. R40 Limited evidence of a carcinogenic effect. R41 Risk of serious damage to eyes. R43 May cause sensitisation by skin contact. R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R65 Harmful: may cause lung damage if swallowed. R66 Repeated exposure may cause skin dryness or cracking. R67 Vapours may cause drowsiness and dizziness.
Hazard statements in full	H226 Flammable liquid and vapour. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness. H341 Suspected of causing genetic defects. H351 Suspected of causing cancer. H400 Very toxic to aquatic life. H411 Toxic to aquatic life with long lasting effects.