

SAFETY DATA SHEET

Safety Data Sheet according to Regulation (EU) No.
1907/2006 (REACH)

Delivering quality



Cell oil A

Version number: 1

Issued: 2017-07-03

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

1.1. Product identifier

Trade name Cell oil A

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

Use Manufacturing of industrial nickel cadmium batteries.

Industrial use. :
SU3 - Industrial uses: Uses of substances as such or in preparations at industrial sites.
SU16 - Manufacture of computer, electronic and optical products, electrical equipment.

1.3. Details of the supplier of the safety data sheet

Supplier Alcad Limited

Street address Strandgatan 35
Box 504
S-572 25 Oskarshamn
Sverige

Telephone +46 491 68 100
Fax +46 491 68 110

Emergency phone number +46 491 68075

1.4. Emergency telephone number

Available outside office hours Yes

Emergency phone number 112 / 911

Other

Chemtrec US service within the USA: + 800 424 93 00 / outside US: + 1 202 483 7616

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008, Annex VI

Classification Aspiration hazard, hazard category 1

SAFETY DATA SHEET

Safety Data Sheet according to Regulation (EU) No.
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Hazard statements H304

2.2. Label elements

GHS labeling of the substance (in accordance with Regulation (EC) No 1272/2008, Annex VI)

Pictogram



Signal word Danger

Hazard statements H304 May be fatal if swallowed and enters airways.

Precaution statements P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor/.
P331 Do NOT induce vomiting.

2.3. Other hazards

This mixture does not contain any REACH registered substances that are assessed to be a PBT or a vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical name	CAS No. EC No. REACH No.	Concentration	Classification	H-phrase
White mineral oil (petroleum)	8042-47-5 232-455-8 01-2119487078-27-	<99,5%	Asp. Tox. 1	H304

Substance additional information For the full text of the H phrases mentioned in this Section, see Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation Fresh air, warmth and rest. If breathing is irregular or stopped, administer artificial respiration. If symptoms persist, call a physician.

Skin contact Wash off with plenty of water. Remove contaminated clothing and shoes.

SAFETY DATA SHEET

Safety Data Sheet according to Regulation (EU) No.
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Cell oil A



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Eye contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician if symptoms occur.

Ingestion

Aspiration hazard if swallowed - can enter lungs and cause damage. Clean mouth with water and drink afterwards plenty of water. Consult a physician. Do not induce vomiting.

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

Aspiration hazard if swallowed - can enter lungs and cause damage.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

water spray, dry powder, foam, sand or carbon dioxide (CO₂).

Unsuitable extinguishing media

Do not use a solid water stream as it may scatter and spread fire.

5.2. Special hazards arising from the substance or mixture

Not applicable

5.3. Advice for firefighters

Special protective equipment for fire-fighters

In the event of fire, wear self contained breathing apparatus.

Other

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Collect spillage immediately as there is a risk of slipping. Ensure good ventilation. Avoid contact with skin, eyes and clothing. Do not inhale. Use protective equipment as specified in section 8 of SDS.

6.2. Environmental precautions

Try to prevent the material from entering drains or water courses. Prevent spreading over a wide area (e.g. by containment or oil barriers).

SAFETY DATA SHEET

Safety Data Sheet according to Regulation (EU) No.
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Cell oil A



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6.3. Methods and material for containment and cleaning up

Absorb in inert material (vermiculite, dry sand or soil) and collect. The waste should be placed in a closed container and disposed of as directed in Section 13.

6.4. Reference to other sections

See Section 7 for information on safe handling.

Personal protection see section 8 and for disposal see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Preventive handling precautions

Ensure good ventilation. Do not inhale. Avoid heat, flames and other sources of ignition.

General hygiene

Wash hands before breaks and immediately after handling the product. When using, do not eat, drink or smoke.

7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed. Store in a locked area that is inaccessible to children. Keep in a cool, well-ventilated place.

7.3. Specific end use(s)

Not applicable

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Not applicable

8.2. Exposure controls

Technical precaution measures

When handling open containers, local extraction facilities should be used.

Eye / face protection

Use eye protection.

Safety gloves

Wear chemical-resistant protective gloves.

Other skin protection

Wear suitable protective clothing.

Respiratory protection

In case of insufficient ventilation wear suitable respiratory equipment.

SAFETY DATA SHEET

Safety Data Sheet according to Regulation (EU) No.
1907/2006 (REACH)

Delivering quality

Cell oil A



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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance, colour	Colourless
Appearance, physical state	liquid
Auto-ignition temperature	> 300 °C
Decomposition temperature	Not applicable
Density	0,85 g/cm ³ (15 °C, DIN 51757)
Evaporation rate	Not applicable
Explosive properties	Not applicable
Flammability (solid, gas)	Not applicable
Flash point	> 170 °C (DIN ISO 2592)
Initial boiling point and boiling range	301 - 499 ° C
Melting point / freezing point	Not applicable
Odour	Odorless
Odour treshold	Not applicable
Oxidising properties	Not applicable
Partition coefficient: n-octanol / water	Not applicable
pH value	Not applicable
Pour point:	-6 °C (ISO 3016)
Relative density	Not applicable
Solubility	Not applicable
Solubility in water	Insoluble in water.
Upper / lower flammability or explosive limits	Not applicable
Vapour density	Not applicable

SAFETY DATA SHEET

Safety Data Sheet according to Regulation (EU) No.
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Cell oil A



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Vapour pressure < 0,13 hPa (20 °C)

Viscosity Not applicable

Viscosity, kinematic 15 mm²/s (40 °C, DIN 51562)

9.2. Other information

Not applicable

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity none under normal use

10.2. Chemical stability

Chemical stability Stable under normal usage and storage conditions.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Contact with materials to avoid (section 10.5), and other adverse conditions (Section 10.4).

10.4. Conditions to avoid

Conditions to avoid Avoid heat, flames and other sources of ignition.

10.5. Incompatible materials

Incompatible materials strong oxidising agents.

10.6. Hazardous decomposition products

Hazardous decomposition products No harmful degradation products during normal handling.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

acute toxicity Not applicable

skin corrosion/irritation Not applicable

SAFETY DATA SHEET

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serious eye damage/irritation	Not applicable
Respiratory/skin sensitization	None of the substances listed in section 3 is classified as a sensitizing.
germ cell mutagenicity	None of the substances listed in section 3 is classified as a mutagenic
Genotoxicity	Not applicable
carcinogenicity	None of the substances listed in section 3 is classified as a carcinogenic.
reproductive toxicity	None of the substances listed in section 3 is classified as toxic to reproduction.
STOT-single exposure	Not applicable
STOT-repeated exposure	Not applicable
Harmful if inhaled	May be fatal if swallowed and enters airways.
LD50 Oral	White mineral oil (petroleum) LD50/oral/rat = >5000 mg/kg.

SECTION 12: Ecological information

12.1. Toxicity

Toxicity	The product is not classified as dangerous for the environment.
Aquatic	Avoid release to the environment.
Acute fish toxicity	White mineral oil (petroleum) LC50 Fish 96h: >10 000 mg/l (Lepomis macrochirus).

12.2. Persistence and degradability

Not applicable

12.3. Bioaccumulative potential

Not applicable

12.4. Mobility in soil

Not applicable

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	This mixture does not contain any REACH registered substances that are assessed to be a PBT or a vPvB.
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12.6. Other adverse effects

Not applicable

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal considerations Dispose of any product, residue or packing material according to national and local regulations.

Other

Waste code (EWC) The waste code (EWC) is a recommendation.

SECTION 14: Transport information

14.1. UN number

Not applicable

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class(es)

Not applicable

14.4. Packing group

Not applicable

14.5. Environmental hazards

Not applicable

14.6. Special precautions for user

Not applicable

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

SECTION 15: Regulatory information

SAFETY DATA SHEET

Safety Data Sheet according to Regulation (EU) No.
1907/2006 (REACH)

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Cell oil A



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

EU regulations

Regulation (EC) No 1907/2006 of the European Parliament and of the Council, REACH.
European Parliament and Council Regulation (EC) No 1272/2008, CLP.

National regulations

EH40/2005 Workplace exposure limits
Waste Ordinance (2011:927)

15.2. Chemical safety assessment

Chemical safety assessment

No chemical safety assessment has been performed.

SECTION 16: Other information

Abbreviations

PBT: Persistent, Bioaccumulative and Toxic.
vPvB: very Persistent and very Bioaccumulative.

References to key literature and data sources

Regulation (EC) No 1907/2006 of the European Parliament and of the Council, REACH.
European Parliament and Council Regulation (EC) No 1272/2008, CLP.
C&L Inventory Database
<http://prevent.se>

Phrase meaning

Asp. Tox. 1 - Aspiration hazard, hazard category 1
H304 - May be fatal if swallowed and enters airways.

Other

Additional information

Read this Safety Data Sheet carefully and become aware of hazards implied and the Safety information

Manufacturer's notes

All information in this safety data sheet is based on our current knowledge.