



FLITELAB AMPCELL_142

Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations
Issue date: 27/08/2025 Version: 1.0

SECTION 1: Product identifier

1.1. GHS Product identifier

Product form : Article
Product name : FLITELAB AMPCELL_142

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Recommended use : Electrical batteries and accumulators

1.4. Details of manufacturer or importer

Fliteboard Pty Ltd
Unit 4, 18 Banksia Drive
Byron Bay NSW 2481
Australia
T APAC Enquiries: +61251189888
T EMEA Enquiries: +31 648 013 732
T Americas Enquiries: +1 833 359 0940
info@fliteboard.com - www.fliteboard.com

1.5. Emergency phone number

Emergency number : **24/7 Emergency Contact Numbers**

AT: +43 1 3649237 or 0800 293702
AU: +61 2 9037 2994 or 1800 862 115
BE: +32 2 808 32 37
CA: +1 703-741-5970
CH: +41-435082011
DE: 0800 1817059 or +43 1 3649237
ES: +34-931768545 or 900 868 538
FR: +33 9 75 18 14 07
GR: +30 21 1176 8478
IT: +39 02 4555 7031 or 800 789 767
LU: +352 20 20 24 16
NL: +31 85 888 0596
NZ: +64 9-801 0034 or 0800 425 459
PL: +48 22 398 80 29
UK: +44 20 3807 3798
US: +1 703-741-5970

SECTION 2: Hazard identification

2.1. Classification of the hazardous chemical

Classification according to the model Work Health and Safety Regulations (WHS Regulations)

Not classified

2.2. GHS Label elements, including precautionary statements

No labelling applicable

2.3. Other hazards which do not result in classification

No additional information available

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SECTION 3: Composition and information on ingredients

Name	CAS-No.	Conc. (% w/w)	Classification according to the model Work Health and Safety Regulations (WHS Regulations)
Lithium Nickel Cobalt Aluminium Oxide	177997-13-6	≥ 30 – < 50	Acute Tox. 1 (Inhalation), H330 Skin Corr. 1B, H314 Eye Dam. 1, H318 Resp. Sens. 1, H334 Skin Sens. 1, H317 Carc. 1A, H350 Repr. 1A, H360 STOT RE 1, H372 Aquatic Chronic 3, H412
Graphite	7782-42-5	≥ 15 – < 20	Not classified
Steel manufacture, chemicals	65997-19-5	≥ 10 – < 15	Acute Tox. 3 (Oral), H301 Acute Tox. 1 (Inhalation), H330 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1, H317 Carc. 1A, H350 STOT SE 3, H335 STOT RE 1, H372 Aquatic Chronic 2, H411
copper	7440-50-8	≥ 10 – < 15	Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Aluminium	7429-90-5	≥ 5 – < 10	Flam. Sol. 1, H228 Water-react. 2, H261
dimethyl carbonate	616-38-6	≥ 3 – < 5	Flam. Liq. 2, H225
Polyethylene	9002-88-4	≥ 3 – < 5	Not classified
4-fluoro-1,3-dioxolan-2-one	114435-02-8	≥ 2 – < 3	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1, H317 STOT RE 1, H372
Lithium hexafluorophosphate(1-)	21324-40-3	≥ 2 – < 3	Acute Tox. 3 (Oral), H301 Skin Corr. 1A, H314 Eye Dam. 1, H318
Carbon	7440-44-0	≥ 0.25 – < 2	Not classified
methyl acetate	79-20-9	≥ 1 – < 2	Flam. Liq. 2, H225 Eye Irrit. 2A, H319 STOT SE 3, H336
Polyamide fibers	63428-84-2	≥ 1 – < 2	Not classified
Kodar PETG 5-763	25640-14-6	≥ 1 – < 2	Not classified
nickel	7440-02-0	≥ 1 – < 2	Carc. 2, H351 Skin Sens. 1, H317 STOT RE 1, H372
Silicon monoxide	10097-28-6	≥ 0.25 – < 1	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335
Ethene, 1,1-difluoro-, homopolymer	24937-79-9	≥ 0.25 – < 1	Not classified

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Name	CAS-No.	Conc. (% w/w)	Classification according to the model Work Health and Safety Regulations (WHS Regulations)
Other substances (not contributing to the classification of this product)	-	0 – 15.25	-

SECTION 4: First aid measures

4.1. Description of necessary first-aid measures

First-aid measures general	: This information is of relevance only if the battery is broken and this results in a direct contact with the ingredients. If medical advice is needed, have product container or label at hand. Seek medical attention immediately. Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention if you feel unwell.
First-aid measures after skin contact	: Wash skin with plenty of water. Remove/Take off immediately all contaminated clothing. Get immediate medical attention.
First-aid measures after eye contact	: Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. immediate medical advice.
First-aid measures after ingestion	: Rinse mouth out with water. Do NOT induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. immediate medical advice.
Self protection of the first-aider	: First aid workers will be equipped with suitable personal protective equipment.

4.2. Symptoms caused by exposure

Symptoms/effects	: Not expected to present a significant hazard under anticipated conditions of normal use.
Symptoms/effects after inhalation	: Inhalation of material from a sealed battery is not an expected exposure route. Vapors or mists from a ruptured battery may cause respiratory irritation.
Symptoms/effects after skin contact	: Contact between the battery and skin will not cause any harm. Skin contact with positive and negative terminals of high voltages may cause burns to the skin. Skin contact with a ruptured or shorted battery can cause chemical burns or irritation upon contact with the skin.
Symptoms/effects after eye contact	: Contact between the battery and eye will not cause any harm. Eye contact with the contents of a ruptured battery can cause severe irritation to the eye.
Symptoms/effects after ingestion	: Swallowing of material from a sealed battery is not an expected exposure route. Swallowing mists from a ruptured battery may cause respiratory irritation, chemical burns of the mouth and gastrointestinal tract irritation.

4.3. Medical attention and special treatment

Other medical advice or treatment	: Treat symptomatically.
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SECTION 5: Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Dry powder. Carbon dioxide. Sand.
Unsuitable extinguishing media	: Water.

5.2. Specific hazards arising from the chemical

Explosion hazard	: Explosion risk in case of fire.
General measures	: If the battery material is released, remove personnel from the area until fumes dissipate. Ventilate the area to remove the hazardous gases. Leave the area and allow the batteries to cool. Avoid skin and eye contact or inhalation of vapors.
Hazardous decomposition products in case of fire	: Toxic fumes may be released. Carbon oxides (CO, CO ₂).

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.
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Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
Hazchem Code	: 4W

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	: If the battery material is released, remove personnel from the area until fumes dissipate. Ventilate the area to remove the hazardous gases. Leave the area and allow the batteries to cool. Avoid skin and eye contact or inhalation of vapors.
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6.1.1. For non-emergency personnel

Emergency procedures	: Ventilate spillage area. Evacuate unnecessary personnel.
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6.1.2. For emergency responders

Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
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6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and materials for containment and cleaning up

Methods for cleaning up	: Mechanically recover the product.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	: The battery should not be opened or burned. Exposure to the ingredients contained within or their combustion products could be harmful. Concerning personal protective equipment to use, see section 8. Provide good ventilation in process area to prevent formation of vapour.
Hygiene measures	: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures	: Charging: There is a possible risk of electric shock from charging equipment and from strings of series connected batteries, whether or not being charged. Shut-off power to chargers whenever not in use and before detachment of any circuit connections. Charging space should be ventilated.
Storage conditions	: Keep only in the original container in a cool well ventilated place. Keep container closed when not in use.
Incompatible products	: Strong acids. Strong bases. Strong oxidizing agent.
Heat and ignition sources	: Keep away from heat and direct sunlight.

SECTION 8: Exposure controls and personal protection

8.1. Control parameters - exposure standards

Graphite (7782-42-5)

Australia - Occupational Exposure Limits

Local name	Graphite (all forms except fibres) (natural & synthetic)
OES TWA	3 mg/m ³ respirable dust
Remark (AU)	(e) Containing no asbestos and < 1% crystalline silica.
Regulatory reference	Workplace exposure standards for airborne contaminants (2024)

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methyl acetate (79-20-9)	
Australia - Occupational Exposure Limits	
Local name	Methyl acetate
OES TWA	606 mg/m³
	200 ppm
OES STEL	757 mg/m³
	250 ppm
Regulatory reference	Workplace exposure standards for airborne contaminants (2024)

copper (7440-50-8)	
Australia - Occupational Exposure Limits	
Local name	Copper
OES TWA	0.2 mg/m³ fume 1 mg/m³ dusts & mists (as Cu)
Regulatory reference	Workplace exposure standards for airborne contaminants (2024)

Aluminium (7429-90-5)	
Australia - Occupational Exposure Limits	
Local name	Aluminium
OES TWA	10 mg/m³ metal dust 5 mg/m³ welding fumes (as Al) 2 mg/m³ alkyls (NOC) (as Al) 5 mg/m³ pyro powders (as Al) 2 mg/m³ soluble salts (as Al)
Regulatory reference	Workplace exposure standards for airborne contaminants (2024)

8.2. Biological Monitoring

No additional information available

8.3. Engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station. hazards in case of damaged / ruptured battery.

8.4. Individual protection measures, such as personal protective equipment (PPE)

Personal protective equipment : Gloves. Safety glasses. Protective clothing.
Materials for protective clothing :
Hand protection : Wear suitable gloves resistant to chemical penetration. Chemical resistant gloves (according to European standard NF ISO 374-1 or equivalent)

Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Gloves	Polyvinylchloride (PVC), Nitrile rubber (NBR)	6 (> 480 minutes)	>0.11		ISO 374-1

Eye protection : Safety glasses. DIN EN 166
Skin and body protection : Wear suitable protective clothing. ISO 13688
Respiratory protection : No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation. In case of inadequate ventilation wear respiratory protection. EN 143

Personal protective equipment symbol(s)



Environmental exposure controls : Avoid release to the environment.

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Other information : Do not eat, drink or smoke during use. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

SECTION 9: Physical and chemical properties

Physical state	: Solid
Appearance	: No data available
Colour	: Black
Odour	: odourless
Odour threshold	: No data available
pH	: No data available
pH solution	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point / Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Flammability	: No data available
Vapour pressure	: No data available
Relative density	: No data available
Density	: No data available
Solubility	: insoluble in water.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Explosive properties	: No data available
Explosive limits	: No data available
Minimum ignition energy	: No data available
Fat solubility	: No data available

SECTION 10: Stability and reactivity

Reactivity	: The product is non-reactive under normal conditions of use, storage and transport.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: No additional information available
Conditions to avoid	: The battery should not be opened or burned. Exposure to the ingredients contained within or their combustion products could be harmful. Do not immerse in water, short circuit or overcharge. Keep away from heat and direct sunlight.
Incompatible materials	: Strong acids. Strong bases. Strong oxidizing agent.
Hazardous decomposition products	: Explosion risks of vapours.

SECTION 11: Toxicological information

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

Graphite (7782-42-5)

LD50 oral rat	> 2000 mg/kg bodyweight (OECD 423)
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Carbon (7440-44-0)

LD50 oral rat	> 10000 mg/kg (Source: IUCLID)
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dimethyl carbonate (616-38-6)

LD50 oral rat	> 5000 mg/kg
LD50 dermal rat	> 2000 mg/kg
LC50 Inhalation - Rat	> 5.36 mg/l/4h

methyl acetate (79-20-9)

LD50 oral rat	6482 mg/kg OECD 401
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methyl acetate (79-20-9)	
LD50 dermal rat	> 2000 mg/kg
nickel (7440-02-0)	
LD50 oral rat	> 9000 mg/kg (Source: EU_RAR)
LC50 Inhalation - Rat	> 10.2 mg/l (Exposure time: 1 h Source: EU_RAR)
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Lithium Nickel Cobalt Aluminium Oxide (177997-13-6)	
Reproductive toxicity	May damage fertility or the unborn child.
Graphite (7782-42-5)	
Reproductive toxicity	Not classified
Silicon monoxide (10097-28-6)	
Reproductive toxicity	Not classified
Carbon (7440-44-0)	
Reproductive toxicity	Not classified
dimethyl carbonate (616-38-6)	
Reproductive toxicity	Not classified
4-fluoro-1,3-dioxolan-2-one (114435-02-8)	
Reproductive toxicity	Not classified
Lithium hexafluorophosphate(1-) (21324-40-3)	
Reproductive toxicity	Not classified
methyl acetate (79-20-9)	
Reproductive toxicity	Not classified
Steel manufacture, chemicals (65997-19-5)	
Reproductive toxicity	Not classified
copper (7440-50-8)	
Reproductive toxicity	Not classified
Aluminium (7429-90-5)	
Reproductive toxicity	Not classified
Polyethylene (9002-88-4)	
Reproductive toxicity	Not classified
Polyamide fibers (63428-84-2)	
Reproductive toxicity	Not classified
Kodar PETG 5-763 (25640-14-6)	
Reproductive toxicity	Not classified
nickel (7440-02-0)	
Reproductive toxicity	Not classified

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Ethene, 1,1-difluoro-, homopolymer (24937-79-9)	
Reproductive toxicity	Not classified
STOT-single exposure	: Not classified
Silicon monoxide (10097-28-6)	
STOT-single exposure	May cause respiratory irritation.
methyl acetate (79-20-9)	
STOT-single exposure	May cause drowsiness or dizziness.
Steel manufacture, chemicals (65997-19-5)	
STOT-single exposure	May cause respiratory irritation.
STOT-repeated exposure	: Not classified
Lithium Nickel Cobalt Aluminium Oxide (177997-13-6)	
STOT-repeated exposure	Causes damage to organs through prolonged or repeated exposure.
dimethyl carbonate (616-38-6)	
NOAEL (oral, rat, 90 days)	500 mg/kg bodyweight/day
NOAEC (inhalation, rat, dust/mist/fume, 90 days)	3684 mg/l/6h/day
4-fluoro-1,3-dioxolan-2-one (114435-02-8)	
STOT-repeated exposure	Causes damage to organs through prolonged or repeated exposure.
Steel manufacture, chemicals (65997-19-5)	
STOT-repeated exposure	Causes damage to organs through prolonged or repeated exposure.
nickel (7440-02-0)	
STOT-repeated exposure	Causes damage to organs through prolonged or repeated exposure.
Aspiration hazard	: Not classified

SECTION 12: Ecological information

According to the National Code of Practice for the Preparation of Material Safety Data Sheets, Environmental classification information is not mandatory. Information relevant for GHS classification is available on request

12.1. Ecotoxicity

Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Not classified

Graphite (7782-42-5)	
LC50 - Fish [1]	> 100 mg/l (Danio rerio; OECD 203)
EC50 - Crustacea [1]	> 100 mg/l (Daphnia magna; OECD 202)
NOEC chronic algae	≥ 100 mg/l (Pseudokirchneriella subcapitata; OECD 201)
LD50 oral rat	> 2000 mg/kg bodyweight (OECD 423)
Carbon (7440-44-0)	
LD50 oral rat	> 10000 mg/kg (Source: IUCLID)
dimethyl carbonate (616-38-6)	
LC50 - Other aquatic organisms [1]	≥ 100 mg/l Danio rerio
EC50 - Crustacea [1]	> 100 mg/l

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dimethyl carbonate (616-38-6)	
EC50 - Other aquatic organisms [1]	> 100 mg/l Pseudokirchnerella subcapitata
NOEC (acute)	> 100 mg/l Pseudokirchnerella subcapitata
NOEC (chronic)	25 mg/l Daphnia magna
Partition coefficient n-octanol/water (Log Kow)	0.354
LD50 dermal rat	> 2000 mg/kg
LD50 oral rat	> 5000 mg/kg

methyl acetate (79-20-9)	
LC50 - Fish [1]	250 – 350 mg/l Brachydanio rerio (zebra-fish)
EC50 - Crustacea [1]	1026.7 mg/l Daphnia magna (Water flea)
LD50 dermal rat	> 2000 mg/kg
LD50 oral rat	6482 mg/kg OECD 401

nickel (7440-02-0)	
LC50 - Fish [1]	> 100 mg/l (Exposure time: 96 h - Species: Brachydanio rerio Source: IUCLID)
LC50 - Fish [2]	1.3 mg/l (Exposure time: 96 h - Species: Cyprinus carpio [semi-static] Source: EPA)
EC50 - Crustacea [1]	> 100 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 - Crustacea [2]	1 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
LD50 oral rat	> 9000 mg/kg (Source: EU_RAR)

12.2. Persistence and degradability

FLITELAB AMPCELL_142	
Persistence and degradability	Not applicable.

Lithium Nickel Cobalt Aluminium Oxide (177997-13-6)	
Persistence and degradability	Biodegradability in water: no data available.

Graphite (7782-42-5)	
Persistence and degradability	The methods for determining biodegradability are not applicable to inorganic substances.

Silicon monoxide (10097-28-6)	
Persistence and degradability	Biodegradability in water: no data available.

Carbon (7440-44-0)	
Persistence and degradability	Biodegradability in water: no data available.

dimethyl carbonate (616-38-6)	
Persistence and degradability	Readily biodegradable.
Biodegradation	86 %

4-fluoro-1,3-dioxolan-2-one (114435-02-8)	
Persistence and degradability	Biodegradability in water: no data available.

Lithium hexafluorophosphate(1-) (21324-40-3)	
Persistence and degradability	Biodegradability in water: no data available.

methyl acetate (79-20-9)	
Persistence and degradability	Rapidly degradable

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Steel manufacture, chemicals (65997-19-5)	
Persistence and degradability	Biodegradability in water: no data available.
copper (7440-50-8)	
Persistence and degradability	Biodegradability in water: no data available.
Aluminium (7429-90-5)	
Persistence and degradability	Biodegradability in water: no data available.
Polyethylene (9002-88-4)	
Persistence and degradability	Biodegradability in water: no data available.
Polyamide fibers (63428-84-2)	
Persistence and degradability	Biodegradability in water: no data available.
Kodar PETG 5-763 (25640-14-6)	
Persistence and degradability	Biodegradability in water: no data available.
nickel (7440-02-0)	
Persistence and degradability	The methods for determining biodegradability are not applicable to inorganic substances.
Ethene, 1,1-difluoro-, homopolymer (24937-79-9)	
Persistence and degradability	Biodegradability in water: no data available.
12.3. Bioaccumulative potential	
dimethyl carbonate (616-38-6)	
Partition coefficient n-octanol/water (Log Kow)	0.354
12.4. Mobility in soil	
dimethyl carbonate (616-38-6)	
Partition coefficient n-octanol/water (Log Kow)	0.354
12.5. Other adverse effects	
Ozone	: Not classified
Other adverse effects	: No additional information available
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Fluorinated greenhouse gases	False
Lithium Nickel Cobalt Aluminium Oxide (177997-13-6)	
Fluorinated greenhouse gases	False
Graphite (7782-42-5)	
Fluorinated greenhouse gases	False
Silicon monoxide (10097-28-6)	
Fluorinated greenhouse gases	False
Carbon (7440-44-0)	
Fluorinated greenhouse gases	False
dimethyl carbonate (616-38-6)	
Fluorinated greenhouse gases	False

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4-fluoro-1,3-dioxolan-2-one (114435-02-8)	
Fluorinated greenhouse gases	False
Lithium hexafluorophosphate(1-) (21324-40-3)	
Fluorinated greenhouse gases	False
methyl acetate (79-20-9)	
Fluorinated greenhouse gases	False
Steel manufacture, chemicals (65997-19-5)	
Fluorinated greenhouse gases	False
copper (7440-50-8)	
Fluorinated greenhouse gases	False
Aluminium (7429-90-5)	
Fluorinated greenhouse gases	False
Polyethylene (9002-88-4)	
Fluorinated greenhouse gases	False
Polyamide fibers (63428-84-2)	
Fluorinated greenhouse gases	False
Kodar PETG 5-763 (25640-14-6)	
Fluorinated greenhouse gases	False
nickel (7440-02-0)	
Fluorinated greenhouse gases	False
Ethene, 1,1-difluoro-, homopolymer (24937-79-9)	
Fluorinated greenhouse gases	False

SECTION 13: Disposal considerations

Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Additional information	: Empty containers should be taken for recycling, recovery or waste in accordance with local regulation.
Ecological waste information	: Avoid release to the environment.

SECTION 14: Transport information

In accordance with ADG / IMDG / IATA

ADG	IMDG	IATA
14.1. UN number		
3480	3480	3480
14.2. UN Proper Shipping Name		
LITHIUM ION BATTERIES	LITHIUM ION BATTERIES	Lithium ion batteries
Transport document description		
Not applicable	UN 3480 LITHIUM ION BATTERIES, 9	UN 3480 Lithium ion batteries, 9
14.3. Transport hazard class(es)		
9	9	9

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ADG	IMDG	IATA
		
14.4. Packing group		
Not applicable	Not applicable	Not applicable
14.5. Environmental hazards		
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No

14.6. Special precautions for user

Specific storage requirement : No data available
Shock sensitivity : No data available

14.7. Additional information

Other information : No supplementary information available

Transport by road and rail

UN-No. (ADG) : 3480
Special provision (ADG) : 188, 230, 310, 348, 376, 377, 384, 387, 390
Limited quantities (ADG) : 0
Excepted quantities (ADG) : E0
Packing instructions (ADG) : P903, P908, P909, P910, P911, LP903, LP904, LP905, LP906

Transport by sea

UN-No. (IMDG) : 3480
Special provisions (IMDG) : 188, 230, 310, 348, 376, 377, 384, 387
Limited quantities (IMDG) : 0
Excepted quantities (IMDG) : E0
Packing instructions (IMDG) : P903, P908, P909, P910, P911, LP903, LP904, LP905, LP906
EmS-No. (Fire) : F-A - FIRE SCHEDULE Alfa - GENERAL FIRE SCHEDULE
EmS-No. (Spillage) : S-I - SPILLAGE SCHEDULE India - FLAMMABLE SOLIDS (REPACKING POSSIBLE)
Stowage category (IMDG) : A
Stowage and handling (IMDG) : SW19
Properties and observations (IMDG) : Electrical batteries containing lithium ion encased in a rigid metallic body. Lithium ion batteries may also be shipped in, or packed with, equipment. Electrical lithium batteries may cause fire due to an explosive rupture of the body caused by improper construction or reaction with contaminants.

Air transport

UN-No. (IATA) : 3480
PCA Excepted quantities (IATA) : E0
PCA Limited quantities (IATA) : Forbidden
PCA limited quantity max net quantity (IATA) : Forbidden
PCA packing instructions (IATA) : Forbidden
PCA max net quantity (IATA) : Forbidden
CAO packing instructions (IATA) : See 965
CAO max net quantity (IATA) : See 965
Special provisions (IATA) : A88, A99, A154, A183, A201, A213, A331, A334, A802
ERG code (IATA) : 12FZ

14.8. Hazchem or Emergency Action Code

Hazchem Code : 4W

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SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations

Australian Industrial Chemicals Introduction Scheme (AICIS)

Australian Inventory of Industrial Chemicals (AICIS) : Contains substance(s) listed on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory) status Inventory)

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)

No additional information available

Australian Pesticides and Veterinary Medicines Authority (APVMA)

No additional information available

Regulatory reference : Not listed on the United States TSCA (Toxic Substances Control Act) inventory

Global Inventories:

New Zealand Inventory of Chemicals (NZIoC)	Listed (Graphite; Silicon monoxide; Carbon; dimethyl carbonate; methyl acetate; Steel manufacture, chemicals; copper; Aluminium; Polyethylene; Kodar PETG 5-763; nickel; Ethene, 1,1-difluoro-, homopolymer)
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15.2. International agreements

No additional information available

SECTION 16: Other information

Data sources	: ECHA (European Chemicals Agency). according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations. Supplier's safety documents. GB MCL.
Abbreviations and acronyms	: ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways ATE - Acute Toxicity Estimate CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008 IATA - International Air Transport Association IMDG - International Maritime Dangerous Goods LD50 - Median lethal dose PBT - Persistent Bioaccumulative Toxic REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006 RID - Regulations concerning the International Carriage of Dangerous Goods by Rail SDS - Safety Data Sheet vPvB - Very Persistent and Very Bioaccumulative GHS - GHS: Globally Harmonized System of Classification and Labelling of Chemicals
Other information	: DISCLAIMER OF LIABILITY The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable. REACH Disclaimer: This information is based on current knowledge. Consistency of data in the SDS with CSR is considered, as far as the information is available at the time of compilation (cfr Revision date and Version number).

Classification

Not classified

FLITELAB AMPCELL_142

Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations

Full text of H-statements	
Acute Tox. 1 (Inhalation)	Acute toxicity (inhal.), Category 1
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3
Carc. 1A	Carcinogenicity, Category 1A
Carc. 2	Carcinogenicity, Category 2
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2A	Serious eye damage/eye irritation, Category 2A
Flam. Liq. 2	Flammable liquids, Category 2
Flam. Sol. 1	Flammable solids, Category 1
Repr. 1A	Reproductive toxicity, Category 1A
Resp. Sens. 1	Respiratory sensitisation, Category 1
Skin Corr. 1A	Skin corrosion/irritation, Category 1A
Skin Corr. 1B	Skin corrosion/irritation, Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
STOT RE 1	Specific target organ toxicity – Repeated exposure, Category 1
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Narcosis
Water-react. 2	Substances and Mixtures which, in contact with water, emit flammable gases, Category 2
H225	Highly flammable liquid and vapour
H228	Flammable solid
H261	In contact with water releases flammable gases
H301	Toxic if swallowed
H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H330	Fatal if inhaled
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
H350	May cause cancer
H351	Suspected of causing cancer

FLITELAB AMPCELL_142

Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations

Full text of H-statements	
H360	May damage fertility or the unborn child
H372	Causes damage to organs through prolonged or repeated exposure
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H411	Toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.