1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

1.1 Product identifier
Product name: SAFT NICKEL CADMIUM AIRCRAFT BATTERY/CELL (9008-4)
Synonym(s):
- NSN: XXXX-14-284-8610
- 9008-4 • AIRCRAFT NICKEL CADMIUM BATTERIES • NICKEL CADMIUM AIRCRAFT BATTERY • NICKEL CADMIUM AIRCRAFT BATTERY/CELL

1.2 Uses and uses advised against
Use(s):
- BATTERIES

1.3 Details of the supplier of the safety data sheet
Supplier name: SAFT AUSTRALIA
Address: Unit 18, 167 Prospect Hwy, Seven Hills, NSW, Australia, 2141
Telephone: (02) 9674 0700
Fax: (02) 9620 9990
Email: Not supplied
Website: http://www.saftbatteries.com

1.4 Emergency telephone number(s)
Emergency: +61 3 9573 3112 (24hrs) or 1800 039 008 (24hrs)

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture
CLASSIFIED AS HAZARDOUS ACCORDING TO SAFE WORK AUSTRALIA CRITERIA

GHS Classification(s):
- Acute Toxicity: Oral: Category 4
- Acute Toxicity: Skin: Category 4
- Skin Corrosion/Irritation: Category 1A
- Skin Sensitisation: Category 1
- Serious Eye Damage / Eye Irritation: Category 1
- Acute Toxicity: Inhalation: Category 4
- Respiratory Sensitisation: Category 1
- Carcinogenicity: Category 2
- Toxic to Reproduction: Category 1B
- Specific Target Organ Systemic Toxicity (Repeated Exposure): Category 1
- Aquatic Toxicity (Chronic): Category 1

2.2 Label elements
Signal word: DANGER
Pictograms:
![Pictograms]

Hazard statement(s):
- H302 Harmful if swallowed.
- H312 Harmful in contact with skin.
- H314 Causes severe skin burns and eye damage.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H332 Harmful if inhaled.
- H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
SAFT NICKEL CADMIUM AIRCRAFT BATTERY/CELL (9008-4)

**Product name**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>H351</strong></td>
<td>Suspected of causing cancer.</td>
</tr>
<tr>
<td><strong>H360</strong></td>
<td>May damage fertility or the unborn child.</td>
</tr>
<tr>
<td><strong>H372</strong></td>
<td>Causes damage to organs through prolonged or repeated exposure.</td>
</tr>
<tr>
<td><strong>H410</strong></td>
<td>Very toxic to aquatic life with long lasting effects.</td>
</tr>
</tbody>
</table>

**Prevention statement(s)**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>P202</strong></td>
<td>Do not handle until all safety precautions have been read and understood.</td>
</tr>
<tr>
<td><strong>P260</strong></td>
<td>Do not breathe dust/fume/gas/mist/vapours/spray.</td>
</tr>
<tr>
<td><strong>P264</strong></td>
<td>Wash thoroughly after handling.</td>
</tr>
<tr>
<td><strong>P270</strong></td>
<td>Do not eat, drink or smoke when using this product.</td>
</tr>
<tr>
<td><strong>P271</strong></td>
<td>Use only outdoors or in a well-ventilated area.</td>
</tr>
<tr>
<td><strong>P272</strong></td>
<td>Contaminated work clothing should not be allowed out of the workplace.</td>
</tr>
<tr>
<td><strong>P273</strong></td>
<td>Avoid release to the environment.</td>
</tr>
<tr>
<td><strong>P280</strong></td>
<td>Wear protective gloves/protective clothing/eye protection/face protection.</td>
</tr>
<tr>
<td><strong>P285</strong></td>
<td>In case of inadequate ventilation wear respiratory protection.</td>
</tr>
</tbody>
</table>

**Response statement(s)**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>P301</strong> + <strong>P330</strong> + <strong>P331</strong></td>
<td>IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.</td>
</tr>
<tr>
<td><strong>P303</strong> + <strong>P361</strong> + <strong>P353</strong></td>
<td>IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.</td>
</tr>
<tr>
<td><strong>P304</strong> + <strong>P340</strong></td>
<td>IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.</td>
</tr>
<tr>
<td><strong>P305</strong> + <strong>P351</strong> + <strong>P338</strong></td>
<td>IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</td>
</tr>
<tr>
<td><strong>P308</strong> + <strong>P313</strong></td>
<td>IF exposed or concerned: Get medical advice/attention.</td>
</tr>
<tr>
<td><strong>P310</strong></td>
<td>Immediately call a POISON CENTER or doctor/physician.</td>
</tr>
<tr>
<td><strong>P321</strong></td>
<td>Specific treatment is advised - see first aid instructions.</td>
</tr>
<tr>
<td><strong>P363</strong></td>
<td>Wash contaminated clothing before reuse.</td>
</tr>
<tr>
<td><strong>P391</strong></td>
<td>Collect spillage.</td>
</tr>
</tbody>
</table>

**Storage statement(s)**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>P405</strong></td>
<td>Store locked up.</td>
</tr>
</tbody>
</table>

**Disposal statement(s)**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>P501</strong></td>
<td>Dispose of contents/container in accordance with relevant regulations.</td>
</tr>
</tbody>
</table>

**2.3 Other Hazards**

No information provided.

**3. COMPOSITION/ INFORMATION ON INGREDIENTS**

**3.1 Substances / Mixtures**

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS number</th>
<th>EC number</th>
<th>Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>NICKEL HYDROXIDE</td>
<td>12054-48-7</td>
<td>235-008-5</td>
<td>19 - 36%</td>
</tr>
<tr>
<td>POTASSIUM HYDROXIDE</td>
<td>1310-58-3</td>
<td>215-181-3</td>
<td>13 - 19%</td>
</tr>
<tr>
<td>CADMIUM HYDROXIDE</td>
<td>21041-95-2</td>
<td>244-168-5</td>
<td>8 - 16%</td>
</tr>
<tr>
<td>COPPER</td>
<td>7440-50-8</td>
<td>231-159-6</td>
<td>9 - 11%</td>
</tr>
<tr>
<td>CADMIUM</td>
<td>7440-43-9</td>
<td>231-152-8</td>
<td>Not Available</td>
</tr>
<tr>
<td>COBALT (II) HYDROXIDE</td>
<td>21041-93-0</td>
<td>244-166-4</td>
<td>Not Available</td>
</tr>
<tr>
<td>NICKEL</td>
<td>7440-02-0</td>
<td>231-111-4</td>
<td>Not Available</td>
</tr>
<tr>
<td>STEEL</td>
<td>Not Available</td>
<td>Not Available</td>
<td>22 - 34%</td>
</tr>
<tr>
<td>UNDECANOIC ACID, 11-AMINO-, HOMOPOLYMER</td>
<td>25587-80-8</td>
<td>Not Available</td>
<td>11 - 13%</td>
</tr>
</tbody>
</table>

**4. FIRST AID MEASURES**
Product name: SAFT NICKEL CADMIUM AIRCRAFT BATTERY/CELL (9008-4)

4.1 Description of first aid measures

Eye
Exposure is considered unlikely unless casing is damaged. Flush gently with running water. Seek medical attention if irritation develops.

Inhalation
Exposure is considered unlikely. Due to product form / nature of use, an inhalation hazard is not anticipated.

Skin
Exposure is considered unlikely unless casing is damaged. Gently flush affected areas with water. Seek medical attention if irritation develops.

Ingestion
For advice, contact a Poison Information Centre on 13 11 26 (Australia Wide) or a doctor (at once). If swallowed, do not induce vomiting. Ingestion is considered unlikely due to product form.

First aid facilities
Eye wash facilities and safety shower should be available.

4.2 Most important symptoms and effects, both acute and delayed
Adverse effects not expected from this product. Exposure to battery contents may cause irritation and potential burns.

4.3 Immediate medical attention and special treatment needed
Treat symptomatically.

5. FIREFIGHTING MEASURES

5.1 Extinguishing media
Use an extinguishing agent suitable for the surrounding fire.

5.2 Special hazards arising from the substance or mixture
Non flammable. May explode if exposed to high temperatures due to pressure build up in battery casing.

5.3 Advice for firefighters
Evacuate area and contact emergency services. Toxic gases may be evolved in a fire situation. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas. CAUTION: Batteries may explode.

5.4 Hazchem code
2R
2  Fine Water Spray.
R  Wear liquid-tight chemical protective clothing and breathing apparatus. Dilute spill and run-off.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures
Wear Personal Protective Equipment (PPE) as detailed in section 8 of the SDS.

6.2 Environmental precautions
Prevent product from entering drains and waterways.

6.3 Methods of cleaning up
If battery casing is damaged and contents released, contain spillage, then cover / absorb spill with non-combustible absorbent material (vermiculite, sand, or similar), collect and place in suitable containers for disposal.

6.4 Reference to other sections
See Sections 8 and 13 for exposure controls and disposal.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling
Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

7.2 Conditions for safe storage, including any incompatibilities
Store in a cool, dry, well ventilated area, removed from incompatible substances and foodstuffs.

7.3 Specific end use(s)
Product name: SAFT NICKEL CADMIUM AIRCRAFT BATTERY/CELL (9008-4)

No information provided.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

8.1 Control parameters

Exposure standards

<table>
<thead>
<tr>
<th>Substance</th>
<th>Reference</th>
<th>TWA ppm</th>
<th>TWA mg/m³</th>
<th>STEL ppm</th>
<th>STEL mg/m³</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cadmium and compounds (as Cd)</td>
<td>SWA (AUS)</td>
<td>--</td>
<td>0.01</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Copper (fume)</td>
<td>SWA (AUS)</td>
<td>--</td>
<td>0.2</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Copper, dusts &amp; mists (as Cu)</td>
<td>SWA (AUS)</td>
<td>--</td>
<td>1</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Iron oxide fume (Fe2O3) (as Fe)</td>
<td>SWA (AUS)</td>
<td>--</td>
<td>5</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Nickel, metal</td>
<td>SWA (AUS)</td>
<td>--</td>
<td>1</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Nickel, soluble compounds (as Ni)</td>
<td>SWA (AUS)</td>
<td>--</td>
<td>0.1</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Potassium hydroxide</td>
<td>SWA (AUS)</td>
<td>--</td>
<td>2</td>
<td>--</td>
<td>--</td>
</tr>
</tbody>
</table>

Biological limits

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Reference</th>
<th>Determinant</th>
<th>Sampling time</th>
<th>BEI</th>
</tr>
</thead>
<tbody>
<tr>
<td>CADMIUM</td>
<td>ACGIH BEI</td>
<td>Cadmium in urine</td>
<td>Not critical</td>
<td>5 µg/g creatinine</td>
</tr>
<tr>
<td>CADMIUM HYDROXIDE</td>
<td>ACGIH BEI</td>
<td>Cadmium in blood</td>
<td>Not critical</td>
<td>5 µg/L</td>
</tr>
</tbody>
</table>

8.2 Exposure controls

Engineering Controls: Avoid inhalation. Use in well ventilated areas. Maintain fume levels below the recommended exposure standard.

PPE

Eye/Face: Wear safety glasses.
Hand: Wear PVC or rubber gloves.
Body: No PPE specified.
Respiratory: No PPE specified.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance: BATTERY ARTICLE
Odour: SLIGHT ODOUR
Odour Threshold: NOT AVAILABLE
Flammability: NON FLAMMABLE
Flash Point: NOT RELEVANT
Boiling Point: NOT AVAILABLE
Melting Point: NOT AVAILABLE
Evaporation Rate: NOT AVAILABLE
pH: NOT AVAILABLE
Specific Gravity: 1.17 to 1.25
Solubility (water): SOLUBLE (Electrolyte)
Vapour Density: NOT AVAILABLE
Vapour Pressure: 0.26 kPa @ 20°C
Product name: SAFT NICKEL CADMIUM AIRCRAFT BATTERY/CELL (9008-4)

Upper Explosion Limit: NOT RELEVANT
Lower Explosion Limit: NOT RELEVANT
Partition Coefficient: NOT AVAILABLE
Autoignition Temperature: NOT AVAILABLE
 Decomposition Temperature: NOT AVAILABLE
Viscosity: NOT AVAILABLE
Explosive Properties: NOT AVAILABLE
Oxidising Properties: NOT AVAILABLE

9.2 Other information
% Volatiles: NOT AVAILABLE

10. STABILITY AND REACTIVITY

10.1 Reactivity
Carefully review all information in sections 10.2 to 10.6.

10.2 Chemical stability
Stable under recommended conditions of storage.

10.3 Possibility of hazardous reactions
Hazardous polymerization is not expected to occur.

10.4 Conditions to avoid
Avoid heat, sparks, open flames and other ignition sources.

10.5 Incompatible materials
Battery cell is encased, however contents may be incompatible with oxidising agents (e.g. hypochlorites), acids (e.g. nitric acid), alkalis (e.g. sodium hydroxide), heat and ignition sources.

10.6 Hazardous decomposition products
May evolve toxic gases if heated to decomposition.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Health hazard summary
Due to the product form (encased battery) adverse health effects are not anticipated unless casing is deliberately broken or damaged, and contact with contents occurs. Battery contents may be corrosive and cause eye or skin burns. Cadmium, cadmium compounds, nickel and nickel compounds are classified as carcinogenic to humans (IARC Group 1). However, due to product form, exposure to contents is not anticipated.

Eye
Exposure considered unlikely. Product may present a hazard if battery ruptures. Contact with contents may cause pain, redness and possible burns with prolonged contact.

Inhalation
Liquid encased in battery casing. Over exposure to battery contents may result in respiratory irritation and possible lung damage.

Skin
Exposure considered unlikely. Product may present a hazard if battery ruptures. Contact with battery contents may result in irritation, redness, sensitisation and possible burns with prolonged contact.

Ingestion
Exposure considered unlikely. Product may present a hazard if battery ruptures. Ingestion may result in burns to the mouth, throat and gastrointestinal tract.

Toxicity data
NICKEL HYDROXIDE (12054-48-7)
LC50 (Inhalation): 1200 mg/m³/4 hours (rat)
LD50 (Ingestion): 1515 mg/kg (rat)
LD50 (Skin): > 2000 mg/kg (rat)
LD50 (Subcutaneous): 50 mg/kg (mouse)
TDLo (Intramuscular): 0.48 mg/kg (rat)

POTASSIUM HYDROXIDE (1310-58-3)
SAFT NICKEL CADMIUM AIRCRAFT BATTERY/CELL (9008-4)

- LD50 (Ingestion): 333 mg/kg (rat)
- COPPER (7440-50-8)
  - LD50 (Skin): > 2000 mg/kg (rat)
- CADMIUM (7440-43-9)
  - LC50 (Inhalation): 25 mg/m³/30M (rat)
  - LD50 (Ingestion): 890 mg/kg (mouse)
  - LD50 (Intraperitoneal): 5700 ug/kg (mouse)
- COBALT (II) HYDROXIDE (21041-93-0)
  - LD50 (Ingestion): > 5000 mg/kg (rat)
- NICKEL (7440-02-0)
  - LD50 (Ingestion): > 9000 mg/kg (Sprague-Dawley rat)
  - LD50 (Intraperitoneal): 250 mg/kg (rat)
  - LDL0 (Ingestion): 5 mg/kg (guinea pig)
  - LDL0 (Subcutaneous): 7.5 mg/kg (rabbit)
  - TCL0 (Inhalation): 15 mg/m³/91W-I (guinea pig - tumors)
  - TDL0 (Ingestion): 158 mg/kg (rat - foetotoxic)
  - STEEL (Not Available)
  - LD50 (Ingestion): 30000 mg/kg (rat)

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

12.2 Persistence and degradability

No information provided.

12.3 Bioaccumulative potential

No information provided.

12.4 Mobility in soil

No information provided.

12.5 Results of PBT and vPvB assessment

No information provided.

12.6 Other adverse effects

No information provided.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Waste disposal: Reuse or recycle where possible. Return to manufacturer/supplier. Contact your state EPA or the manufacturer for additional information.

Legislation: Dispose of in accordance with relevant local legislation.

14. TRANSPORT INFORMATION

CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE

<table>
<thead>
<tr>
<th>Land Transport (ADG)</th>
<th>Sea Transport (IMDG/IMO)</th>
<th>Air Transport (IATA/ICAO)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2795</td>
<td>2795</td>
<td>2795</td>
</tr>
</tbody>
</table>
CHEMALERT REPORT

Full Report

Product name
SAFT NICKEL CADMIUM AIRCRAFT BATTERY/CELL (9008-4)

14.2 UN proper shipping name
BATTERIES, WET, FILLED WITH ALKALI, electric storage

14.3 Transport hazard classes

DG Class 8 8 8
Subsidiary risk(s) None Allocated - -

14.4 Packing group
None Allocated - -

14.5 Environmental hazards
None Allocated

14.6 Special precautions for user

Hazchem Code 2R
EMS F-A, S-B

15. REGULATORY INFORMATION

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

Poison schedule
A poison schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

Classifications
C - Corrosive
Carc. - Carcinogen
N - Dangerous for the environment
Repr. - Reproductive toxin
T - Toxic
Xi - Irritant
Xn - Harmful

Risk phrases
R20/21/22: Harmful by inhalation, in contact with skin and if swallowed.
R35: Causes severe burns.
R40: Limited evidence of a carcinogenic effect.
R41: Risk of serious damage to eyes.
R42/43: May cause sensitisation by inhalation and skin contact.
R48/23: Toxic: danger of serious damage to health by prolonged exposure through inhalation.
R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R61: May cause harm to the unborn child.

Safety phrases
S25: Avoid contact with eyes.
S40: To clean the floor and all objects contaminated by this material use [appropriate material to be specified by the manufacturer].
S45: In case of accident or if you feel unwell seek medical advice immediately (show the label where possible).

WHS regulatory information

<table>
<thead>
<tr>
<th>Ingredient name</th>
<th>CAS number</th>
<th>Regulation</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>CADMIUM</td>
<td>7440-43-9</td>
<td>Restricted Hazardous Chemicals</td>
<td>Cadmium &amp; its compounds. For abrasive blasting &gt;0.1%.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Schedule 14 - Health Monitoring</td>
<td>Cadmium</td>
</tr>
<tr>
<td>CADMIUM HYDROXIDE</td>
<td>21041-95-2</td>
<td>Restricted Hazardous Chemicals</td>
<td>Cadmium &amp; its compounds. For abrasive blasting &gt;0.1%.</td>
</tr>
<tr>
<td>COBALT (II) HYDROXIDE</td>
<td>21041-93-0</td>
<td>Restricted Hazardous Chemicals</td>
<td>Cobalt &amp; its compounds. For abrasive blasting &gt;0.1%.</td>
</tr>
<tr>
<td>NICKEL</td>
<td>7440-02-0</td>
<td>Restricted Hazardous Chemicals</td>
<td>Nickel &amp; its compounds. For abrasive blasting &gt;0.1%.</td>
</tr>
<tr>
<td>NICKEL HYDROXIDE</td>
<td>12054-48-7</td>
<td>Restricted Hazardous Chemicals</td>
<td>Nickel &amp; its compounds. For abrasive blasting &gt;0.1%.</td>
</tr>
</tbody>
</table>

This report was compiled based on the SDS dated 08 Nov 2013
Reviewed: 30 Sep 2014
Printed: 11 Nov 2016
Inventory listing(s)  AUSTRALIA: AICS (Australian Inventory of Chemical Substances)
All components are listed on AICS, or are exempt.

15.2 Chemical safety assessment
No information provided.

16. OTHER INFORMATION

Additional information
EXPOSURE STANDARDS - TIME WEIGHTED AVERAGES: Exposure standards are established on the premise of an 8 hour work period of normal intensity, under normal climatic conditions and where a 16 hour break between shifts exists to enable the body to eliminate absorbed contaminants. In the following circumstances, exposure standards must be reduced: Strenuous work conditions; hot, humid climates; high altitude conditions; extended shifts (which increase the exposure period and shorten the period of recuperation).

WORKPLACE CONTROLS AND PRACTICES: Unless a less toxic chemical can be substituted for a hazardous substance, ENGINEERING CONTROLS are the most effective way of reducing exposure. The best protection is to enclose operations and/or provide local exhaust ventilation at the site of chemical release. Isolating operations can also reduce exposure. Using respirators or protective equipment is less effective than the controls mentioned above, but is sometimes necessary.

HEALTH EFFECTS FROM EXPOSURE:
It should be noted that the effects from exposure to this product will depend on several factors including: frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a ChemAlert report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:
The recommendation for protective equipment contained within this report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

Abbreviations
ACGIH  American Conference of Governmental Industrial Hygienists
CAS #  Chemical Abstract Service number - used to uniquely identify chemical compounds
CNS  Central Nervous System
EC No.  EC No - European Community Number
EMS  Emergency Schedules (Emergency Procedures for Ships Carrying Dangerous Goods)
GHS  Globally Harmonized System
GTEPG  Group Text Emergency Procedure Guide
IARC  International Agency for Research on Cancer
LC50  Lethal Concentration, 50% / Median Lethal Concentration
LD50  Lethal Dose, 50% / Median Lethal Dose
mg/m³  Milligrams per Cubic Metre
OEL  Occupational Exposure Limit
pH  relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline).
ppm  Parts Per Million
STEL  Short-Term Exposure Limit
STOT-RE  Specific target organ toxicity (repeated exposure)
STOT-SE  Specific target organ toxicity (single exposure)
SUSMP  Standard for the Uniform Scheduling of Medicines and Poisons
SWA  Safe Work Australia
TLV  Threshold Limit Value
TWA  Time Weighted Average
SAFT NICKEL CADMIUM AIRCRAFT BATTERY/CELL (9008-4)

This ChemAlert report has been independently compiled by RMT’s scientific department utilising the original Safety Data Sheet (“SDS”) for the product provided to RMT by the manufacturer. The information is based on the latest chemical and toxicological research and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. It is an independent collation by RMT of information obtained from the original SDS for this product. Its content has not been authorised or verified by the manufacturer / distributor of the chemical to which it relates.

This ChemAlert report does not constitute the manufacturer's original SDS and is not intended to be a replacement for same. It is provided to subscribers of ChemAlert as a reference tool only, is not all-inclusive and does not represent any guarantee as to the properties of the product. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer.

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Prepared By
Risk Management Technologies
5 Ventnor Ave, West Perth
Western Australia 6005
Phone: +61 8 9322 1711
Fax: +61 8 9322 1794
Email: info@rmt.com.au
Web: www.rmt.com.au

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