

ROAM RINSER

Infosafe No.: LQCSS
ISSUED Date : 06/08/2025
ISSUED by: ADVENTURE TRADING NZ
LIMITED

Section 1 - Identification

Product Identifier

ROAM RINSER

Product Code

10001966

Company Name

ADVENTURE TRADING NZ LIMITED

Address

Care of Quigg Partners The Bayleys Building Level 7, 36 Brandon Street Wellington
6011 New Zealand

Telephone/Fax Number

Tel: 03 366 1136

Emergency Phone Number

0800 154 666 (24 hours)

Email

Info@adventureoperations.com

Recommended uses and any restrictions on use or supply

Battery

Section 2 - Hazard(s) Identification

GHS classification of the substance/mixture

Not classified as Hazardous according to the Hazardous Substances (Hazard Classification) Notice 2020, New Zealand.

Classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433:2020 Transport of Dangerous Goods on Land.

Other Information

The battery is sealed hermetically and designed to withstand temperatures and pressures encountered during normal use. Thus, the ingredients have no hazard potential except if the battery is violated or dismantled. If exposed to a fire, mechanical shocks, and electric stress by miss-use, the battery cell case will be breached and the hazardous materials may be released and acrid gas may be emitted. Therefore the batteries should not be short circuited, overcharged, punctured, incinerated, immersed in water, force discharged or exposed to temperatures above the temperature range of the cell or battery.

Section 3 - Composition and Information on Ingredients

Chemical Characterization

Article - Battery

Information on Composition

The hazardous components of this cell or battery are contained within a sealed unit.

Ingredients

Name	CAS	Proportion
Cobalt Lithium Oxide (LiCOO2)	12190-79-3	15-40 %
Lithium hexafluorophosphate	21324-40-3	10-30 %
Graphite	7782-42-5	10-30 %
Copper (Foil, Rod, Slug)	7440-50-8	7-13 %
Aluminium	7429-90-5	5-10 %
Nickel	7440-02-0	1-5 %
Ingredients determined not to be hazardous		Balance

Section 4 - First Aid Measures

Inhalation

Not considered a potential route of exposure for intact product, when used as intended. However, if the sealed unit is damaged and if inhaled, remove affected person from contaminated area. Apply artificial respiration if not breathing. Seek medical attention.

Ingestion

Not considered a potential route of exposure for intact product, when used as intended. However, if the sealed unit is damaged and exposure occurs, do not induce vomiting. Wash out mouth thoroughly with water. Seek immediate medical attention.

Skin

Not considered a potential route of exposure for intact product, when used as intended. However, if the sealed unit is damaged and exposure occurs, remove immediately any contaminated or splash cloth and wash before reuse. Wash off skin thoroughly with cold water during more than 15 minutes. Consult a doctor.

Eye

Not considered a potential route of exposure for intact product, when used as intended. However, if the sealed unit is damaged and contents is in eyes, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Seek immediate medical attention.

First-aid Facilities

Eyewash, safety shower and normal washroom facilities.

Advice to Doctor

Treat symptomatically.

Other Information

For advice in an emergency, contact a Poisons Information Centre or a doctor at once. (0800 764 766)

Section 5 - Firefighting Measures

Suitable Extinguishing Media

For small fires, use water spray, dry chemical, carbon dioxide or chemical foam.

Unsuitable Extinguishing Media

Do not use water jet.

Hazards from Combustion Products

Under fire conditions this product may emit toxic, corrosive and/or irritating fumes, smoke and gases including carbon dioxide.

Specific hazards arising from the chemical

Dusts at sufficient concentrations can form explosive mixtures with air. Combustion generates toxic fumes. Batteries close to fire should be removed only if safe to do so. Use water spray to cool fire exposed batteries.

Hazchem Code

2Y

Decomposition Temperature

Not available

Precautions in connection with fire

Fire fighters should wear full protective clothing and self-contained breathing apparatus (SCBA) operated in positive pressure mode. In case of fire the product may be violently or explosively reactive. Use water spray to disperse vapours. This product should be prevented from entering drains and watercourses.

Section 6 - Accidental Release Measures

Emergency Procedures

In case of rupture, Attention! Corrosive material. Avoid contact with skin, eye and clothing. Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Refer to protective measures listed in Section 7 and 8.

The material contained within the battery is released only in the case of mechanical, electrical or thermal abuse. In the event of battery rupture and leakage allow the batteries to cool and the vapour to dissipate. Stop leak if safe to do so and absorb spill with sand, earth or some other inert absorbent material. Collect the spilled material and place into a suitable plastic lined container for disposal. Clean spill surface with detergent and water, collect all contaminated wash water for proper disposal.

Section 7 - Handling and Storage

Precautions for Safe Handling

Before use read the product label carefully. Use of safe work practices are recommended to avoid eye or skin contact and inhalation of vapours.

Charge according to manufacturer's specifications. Do not overcharge, short-circuit, force discharge, disassemble, crush, deform, expose to high temperatures or incinerate. Do not allow battery terminals to contact each other or other metals. Do not weld, solder or in any way modify batteries. Do not damage or remove the external casing. Ensure batteries are installed with the correct polarity.

The battery may explode cause burns, if disassembled, crushed or exposed to fire or high temperatures. Do not short or install with incorrect polarity.

Conditions for safe storage, including any incompatibilities

Store in a cool, dry and well ventilated area. Avoid exposure to air over prolonged periods. Ensure battery terminals are protected during storage. Batteries must be packed in a manner to prevent short circuits. Loose batteries should not be stored in bulk. Protect from mechanical and electrical abuse such as short circuiting,

overcharging, installing with incorrect polarity, disassembling or crushing. Protect from heat, sparks, open flames and direct sunlight. Avoid excessive moisture. Keep out of reach of children. Store locked up. Keep away from oxidising agents.

Section 8 - Exposure Controls and Personal Protection

Occupational Exposure Limits (OEL)

Battery cell is not a substance. It is a closed-structure mixture therefore no consideration on exposure controls. When it is opened or ruptured, then users should follow instructions for exposure controls or personal protection of each substance hazardous ingredients of battery cell, e.g. electrolyte.

Biological Limit Values

No biological limits allocated.

Appropriate Engineering Controls

None required, when used as intended.

Respiratory Protection

None required, when used as intended. Industrial Application: If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable dust/particulate filter should be used. Refer to relevant regulations for further information concerning respiratory protective requirements. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

Eye Protection

None required, when used as intended. Industrial Application: Safety glasses with side shields, chemical goggles or full-face shield as appropriate should be used. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should conform to relevant regulations.

Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 (series) - Eye Protectors for Industrial

Applications.

Hand Protection

Not generally required. Wear chemical resistant gloves during battery component disassembly. In the event of a leakage, impervious gloves should be used. Final choice of appropriate gloves will vary according to individual circumstances. i.e. methods of handling or according to risk assessments undertaken. Occupational protective gloves should conform to relevant regulations. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.

Thermal Hazards

No further relevant information available.

Body Protection

Suitable protective workwear, e.g. cotton overalls buttoned at neck and wrist is recommended. Chemical resistant apron is recommended where large quantities are handled.

Section 9 - Physical and Chemical Properties

Properties	Description	Properties	Description
Form	Article - Battery	Appearance	Prismatic solid
Colour	Silver	Odour	Odourless (If leaking, smells of medical ether)
Decomposition Temperature	Not available	Melting Point	Not available
Boiling Point	Not available	Solubility in Water	Insoluble
Specific Gravity	Not available	pH	Not applicable
Vapour Pressure	Not applicable	Vapour Density (Air=1)	Not applicable
Evaporation Rate	Not applicable	Odour Threshold	Not available
Viscosity	Not available	Partition Coefficient: n-octanol/water	Not available
Flash Point	Not applicable	Flammability	Not flammable. Will burn in fire conditions
Auto-Ignition Temperature	Not available	Explosion Limit - Upper	Not available
Explosion Limit - Lower	Not available	Oxidising Properties	Not available
Particle Characteristics	Not available		

Section 10 - Stability and Reactivity

Reactivity

Reacts with incompatible materials.

Chemical Stability

Stable at ambient temperature and under normal conditions of storage and use.

Conditions to Avoid

Mechanical and electrical abuse such as short circuiting, overcharging, installing with incorrect polarity, disassembling or crushing. Protect from heat, sparks and open flames. Avoid excessive moisture.

Incompatible Materials

Acids. Oxidising agents. Bases.

Hazardous Decomposition Products

Under fire conditions this product may emit toxic, corrosive and/or irritating fumes, smoke and gases including oxides of carbon.

Possibility of hazardous reactions

Reacts with incompatible materials.

Hazardous Polymerization

Will not occur.

Section 11 - Toxicological Information

Toxicology Information

No toxicity data available for this material.

Ingestion

Swallowing of the contents of this product can be harmful or irritating to the gastric tract causing nausea and vomiting.

Inhalation

Inhalation of vapours from an open battery may cause irritation of the respiratory system.

Skin

Contents of an open battery can be irritating or corrosive to skin. Causes severe skin burns.

Eye

Contents of an open battery cause serious eye damage. May cause irritation and redness.

Respiratory Sensitisation

Not expected to be a respiratory sensitiser.

Skin Sensitisation

Not expected to be a skin sensitiser.

Germ Cell Mutagenicity

Not considered to be a mutagenic hazard.

Carcinogenicity

Not considered to be a carcinogenic hazard.

Reproductive Toxicity

Not considered to be toxic to reproduction.

STOT - Single Exposure

Not expected to cause toxicity to a specific target organ.

STOT - Repeated Exposure

Not expected to cause toxicity to a specific target organ.

Aspiration Hazard

Not expected to be an aspiration hazard.

Section 12 - Ecological Information

Ecotoxicity

No ecological data available for this material.

Persistence and degradability

Not available

Mobility

Not available

Bioaccumulative Potential

Not available

Other Adverse Effects

Not available

Environmental Protection

Do not discharge this material into waterways, drains and sewers.

Hazardous to the Ozone Layer

This product is not expected to deplete the ozone layer.

Section 13 - Disposal Considerations

Disposal Considerations

Deserted batteries should not be treated as ordinary trash. Should not be dissected, pieced, crushed or treated similarly. Best disposal method is recycling.

Recycle or dispose of in accordance with government, state & local regulations.

Return whole scrap batteries to the distributor, manufacturer or a licensed battery recycler. To minimise personal exposure to the chemical, refer to Section 8—Exposure controls and personal protection.

Section 14 - Transport Information

Transport Information

Road and Rail Transport (NZS 5433):

This material is classified as Dangerous Goods Class 9 Miscellaneous Dangerous Goods

Class 9: Miscellaneous substances Dangerous Goods are incompatible in a placard load with any of the following:

Class 1: Explosives (when the class 9 substance is a fire risk substance) Division 5.1: Oxidising substances (when the class 9 substance is a fire risk substance) and

Division 5.2: Organic peroxides (when the class 9 substance is a fire risk substance)

Marine Transport (IMO/IMDG):

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

UN No.: 3480

Proper Shipping Name: LITHIUM ION BATTERIES

DG Class: 9

Packaging Group: -

EMS No.: F-A, S-I

Special Provisions: 188, 230, 310, 348, 376, 377, 384, 387

Air Transport (ICAO/IATA):

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

UN No: 3480

Proper Shipping Name: : Lithium ion batteries

Class: 9

Packing Group: -

Label: Miscellaneous

Packing Instruction: Forbidden (For passenger and cargo aircraft)

Packing Instruction: 965 (For cargo aircraft only)

Special Provisions: A88, A99, A154, A164, A183, A201, A213, A331, A334, A802

UN Number

3480

Proper Shipping Name

LITHIUM ION BATTERIES

Hazard Class

9

Hazchem Code

2Y

Special Precautions for User

Not available

IERG Number

26

IMDG Marine pollutant

No

Transport in Bulk

Not available

Other Information

The product can also be transported UN No.: 3481, LITHIUM ION BATTERIES PACKED WITH EQUIPMENT.

Marine Transport (IMO/IMDG):

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

UN No.: 3481

Proper Shipping Name: LITHIUM ION BATTERIES CONTAINED IN EQUIPMENT or LITHIUM ION BATTERIES PACKED WITH EQUIPMENT (including lithium ion polymer batteries)

DG Class: 9

Packaging Group: -

EMS No.: F-A, S-I

Special Provisions: 188, 230, 310, 348, 360, 376, 377, 384, 387, 390

Air Transport (ICAO/IATA):

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

UN No: 3481

Proper Shipping Name: : Lithium ion batteries packed with equipment or Lithium ion batteries contained in equipment (including ion polymer batteries)

Class: 9

Packing Group: -

Label: Miscellaneous Lithium batt

Packing Instruction: Forbidden (For passenger and cargo aircraft)

Packing Instruction: See 966 (Lithium ion batteries packed with equipment)(For cargo aircraft only)

Packing Instruction: See 967 (Lithium ion batteries contained in equipment)For cargo aircraft only)

Special Provisions:

Lithium ion batteries packed with equipment: A88, A99, A154, A164, A181, A185, A213, A802

Lithium ion batteries contained in equipment: A48, A88, A99, A154, A164, A181, A185, A213, A220

Section 15 - Regulatory Information

Regulatory Information

Not classified as Hazardous according to the Hazardous Substances (Hazard Classification) Notice 2020, New Zealand.

Tolerable exposure limit (TEL)

Not available

Environmental exposure limit (EEL)

Not available

Certified Handler

Not available

Tracking

Not available

Controlled Substance Licence Requirements

Not available

Montreal Protocol

Not listed

Stockholm Convention

Not listed

Rotterdam Convention

Not listed

Agricultural Compounds, including Veterinary Medicines (ACVM)

Not available

Section 16 - Any Other Relevant Information

Date of preparation or last revision of SDS

SDS created: August 2025

Literature References

Hazardous Substances and New Organisms Act (1996).

Health and Safety at Work (Hazardous Substances) Regulations {2017}.

Workplace Exposure Standards and Biological Exposure Indices.

Agricultural Compounds and Veterinary Medicines Act (1997).

Montreal Protocol on Substances that Deplete the Ozone Layer.

Stockholm Convention on Persistent Organic Pollutants (POPs).

Rotterdam Convention on the Prior Informed Consent Procedure for Certain Hazardous Chemicals and Pesticides in International Trade.

Transport of Dangerous goods on land NZS 5433.

Recommendations on the Transport of Dangerous Goods - Model Regulations.

Dangerous Goods Emergency Action Code List.

Hazardous Substances (Safety Data Sheets) Notice (2017). (EPA Consolidation)

Assigning a hazardous substance to a group standard.

Adopted biological exposure determinants, American Conference of Industrial Hygienists (ACGIH).

END OF SDS

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