Safety Data Sheet

Document group:	32-7009-7	**Version number:**	3.00
Issue Date:	02/08/2021	**Supersedes date:**	11/10/2016

This Safety Data Sheet has been prepared in accordance with the Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice (Safe Work Australia, December 2011)

SECTION 1: Identification

1.1. Product identifier
Jupiter Nickel Metal Hydride Batteries

Product Identification Numbers
52-0000-4380-3 52-0000-4457-9

1.2. Recommended use and restrictions on use

Recommended use
Battery

For Industrial or Professional use only.

1.3. Supplier's details
Address: 3M Australia - Building A, 1 Rivett Road, North Ryde NSW 2113
Telephone: 136 136
E Mail: productinfo.au@mmm.com
Website: www.3m.com.au

1.4. Emergency telephone number
EMERGENCY: 1800 097 146 (Australia only)

SECTION 2: Hazard identification

This product is NOT classified as a hazardous chemical according to the Model Work Health and Safety Regulations, 2011, in accordance with applicable State and Territory legislation.

This product is an article and is not regulated by the Model Work Health and Safety Regulations (2011) because, it is not classified as hazardous. When used as recommended or under ordinary conditions, it should not present a health and safety hazard. However, use or processing of the product not in accordance with the product's recommendations or not under ordinary conditions may affect the performance of the product and may present potential health and safety hazards.

Refer to Section 14 of this Safety Data Sheets for product Dangerous Goods Classification.

2.1. Classification of the substance or mixture
Not applicable.

2.2. Label elements

Signal word
Not applicable.

Symbols
Not applicable.

Pictograms
Not applicable

Precautionary statements

Prevention:
P280E Wear protective gloves.

2.3. Other assigned/identified product hazards
None known.

2.4. Other hazards which do not result in classification
None known.

SECTION 3: Composition/information on ingredients

This material is a mixture.

Ingredient	CAS Nbr	% by Weight
Nickel	7440-02-0	30 - 45
Iron	7439-89-6	15 - 30
Aluminium	7429-90-5	7 - 15
Water	7732-18-5	4 - 9
Cobalt	7440-48-4	1 - 5
Cobalt Hydroxide (CO(OH)2)	21041-93-0	1 - 5
Lithium	7439-93-2	1 - 5
Lithium Hydroxide	1310-65-2	1 - 5
Nickel Hydroxide	12054-48-7	1 - 5
Potassium	7440-09-7	1 - 5
Potassium Hydroxide	1310-58-3	1 - 5
Sodium	7440-23-5	1 - 5
Sodium Hydroxide	1310-73-2	1 - 5
Plastic (Polyamide PA/PP, EPDM, Polyethylene, PVC)	None	1 - 5
Manganese	7439-96-5	0 - 2

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation
No need for first aid is anticipated.

Skin contact
No need for first aid is anticipated.

Eye contact
No need for first aid is anticipated.

If swallowed
No need for first aid is anticipated.

4.2. Most important symptoms and effects, both acute and delayed
No critical symptoms or effects. See Section 11.1, information on toxicological effects.

4.3. Indication of any immediate medical attention and special treatment required
Not applicable

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media
In case of fire: Use a fire fighting agent suitable for ordinary combustible material such as water or foam to extinguish.

5.2. Special hazards arising from the substance or mixture
None inherent in this product.

5.3. Special protective actions for fire-fighters
No special protective actions for fire-fighters are anticipated.

Hazchem Code: 2Y

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Not applicable.

6.2. Environmental precautions
Not applicable.

6.3. Methods and material for containment and cleaning up
Not applicable.

SECTION 7: Handling and storage

7.1. Precautions for safe handling
This product is considered to be an article which does not release or otherwise result in exposure to a hazardous chemical under normal use conditions. Avoid contact with oxidising agents (eg. chlorine, chromic acid etc.)

7.2. Conditions for safe storage including any incompatibilities
Store away from heat. Store away from acids. Store away from strong bases. Store away from oxidising agents.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits
If a component is disclosed in section 3 but does not appear in the table below, an occupational exposure limit is not available for the component.

Ingredient	CAS Nbr	Agency	Limit type	Additional comments
Potassium Hydroxide	1310-58-3	ACGIH	CEIL:2 mg/m3	
Potassium Hydroxide	1310-58-3	Australia OELs	Peak limit:2 mg/m3	

Lithium Hydroxide	1310-65-2	AIHA	CEIL:1 mg/m3	
Sodium Hydroxide	1310-73-2	ACGIH	CEIL:2 mg/m3	
Sodium Hydroxide	1310-73-2	Australia OELs	Peak limit:2 mg/m3	
Aluminium	7429-90-5	ACGIH	TWA(respirable fraction):1 mg/m3	A4: Not class. as human carcin
Aluminium	7429-90-5	Australia OELs	TWA(as dust)(8 hours):10 mg/m3;TWA(Al, welding fume)(8 hours):5 mg/m3;TWA(as Al pyrophoric powder)(8 hours):5 mg/m3	
Manganese	7439-96-5	Australia OELs	TWA(as Mn fume)(8 hours): 1 mg/m3; TWA(as Mn, dust)(8 hours): 1 mg/m3; STEL(as Mn fume)(15 minutes): 3 mg/m3	
Nickel	7440-02-0	ACGIH	TWA(inhalable fraction):1.5 mg/m3	Distillates (petroleum), hydrotreated heavy naphthenic
Nickel	7440-02-0	Australia OELs	TWA(8 hours): 1 mg/m3	
Cobalt	7440-48-4	ACGIH	TWA(as Co, inhalable fraction):0.02 mg/m3	A3: Confirmed animal carcin., Dermal/Respiratory Sensitizer
Cobalt	7440-48-4	Australia OELs	TWA(as Co, dust and fume)(8 hours):0.05 mg/m3	

ACGIH : American Conference of Governmental Industrial Hygienists
AIHA : American Industrial Hygiene Association
Australia OELs : Australia. Adopted National Exposure Standards for Atmospheric Contaminants in the Occupational Environment
CMRG : Chemical Manufacturer's Recommended Guidelines
TWA: Time-Weighted-Average
STEL: Short Term Exposure Limit
CEIL: Ceiling
Sen: Sensitiser
Sk: Absorption through the skin may be a significant source of exposure.

8.2. Exposure controls

8.2.1. Engineering controls
Not applicable.

8.2.2. Personal protective equipment (PPE)

Eye/face protection

Eye protection not required.

Skin/hand protection
No protective gloves required.

Respiratory protection

Respiratory protection is not required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Solid.

Specific Physical Form:	Battery
Colour	Black
Odour	Odourless
Odour threshold	*Not applicable.*
pH	*Not applicable.*
Melting point/Freezing point	*Not applicable.*
Boiling point/Initial boiling point/Boiling range	*Not applicable.*
Flash point	No flash point
Evaporation rate	*Not applicable.*
Flammability (solid, gas)	Not classified
Flammable Limits(LEL)	*Not applicable.*
Flammable Limits(UEL)	*Not applicable.*
Vapour pressure	*Not applicable.*
Vapor Density and/or Relative Vapor Density	*Not applicable.*
Density	*No data available.*
Relative density	*No data available.*
Water solubility	*Not applicable.*
Solubility- non-water	*Not applicable.*
Partition coefficient: n-octanol/water	*No data available.*
Autoignition temperature	*Not applicable.*
Decomposition temperature	*Not applicable.*
Viscosity/Kinematic Viscosity	*Not applicable.*
Volatile organic compounds (VOC)	*Not applicable.*
Percent volatile	*Not applicable.*
VOC less H2O & exempt solvents	*Not applicable.*

SECTION 10: Stability and reactivity

10.1 Reactivity
This material may be reactive with certain agents under certain conditions - see the remaining headings in this section

10.2 Chemical stability
Stable.

10.3. Conditions to avoid
Heat.

10.4. Possibility of hazardous reactions
Hazardous polymerisation will not occur.

10.5 Incompatible materials
Strong oxidising agents.
Reducing agents.
Strong acids.
Strong bases.

10.6 Hazardous decomposition products

Substance	Condition
Carbon monoxide.	Not specified.
Carbon dioxide.	Not specified.
Toxic vapour, gas, particulate.	Not specified.

Under recommended usage conditions, hazardous decomposition products are not expected. Hazardous decomposition

products may occur as a result of oxidation, heating, or reaction with another material.

SECTION 11: Toxicological information

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. In addition, toxicological data on ingredients may not be reflected in the material classification and/or the signs and symptoms of exposure, because an ingredient may be present below the threshold for labelling, an ingredient may not be available for exposure, or the data may not be relevant to the material as a whole.

11.1 Information on Toxicological effects

Signs and Symptoms of Exposure

Based on test data and/or information on the components, this material may produce the following health effects:

Inhalation
No health effects are expected. No known health effects.

Skin contact
No health effects are expected.

Eye contact
No health effects are expected.

Ingestion
No health effects are expected. No known health effects.

Additional information:
This product, when used under reasonable conditions and in accordance with the directions for use, should not present a health hazard. However, use or processing of the product in a manner not in accordance with the product's directions for use may affect the performance of the product and may present potential health and safety hazards.

Toxicological Data
If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

Acute Toxicity

Name	Route	Species	Value
Overall product	Ingestion		No data available; calculated ATE2,000 - 5,000 mg/kg
Nickel	Dermal		LD50 estimated to be > 5,000 mg/kg
Nickel	Inhalation-Dust/Mist (4 hours)	Rat	LC50 > 2.55 mg/l
Nickel	Ingestion	Rat	LD50 > 9,000 mg/kg
Iron	Dermal		LD50 estimated to be > 5,000 mg/kg
Iron	Ingestion	Rat	LD50 30,000 mg/kg
Aluminium	Dermal		LD50 estimated to be > 5,000 mg/kg
Aluminium	Ingestion		LD50 estimated to be > 5,000 mg/kg
Aluminium	Inhalation-Dust/Mist (4 hours)	Rat	LC50 > 0.888 mg/l
Nickel Hydroxide	Dermal		estimated to be > 5,000 mg/kg
Nickel Hydroxide	Inhalation-Dust/Mist		estimated to be 1 - 5 mg/l
Nickel Hydroxide	Ingestion		estimated to be 300 - 2,000 mg/kg
Cobalt	Dermal	Professional	LD50 estimated to be > 5,000 mg/kg

		judgement	
Potassium Hydroxide	Dermal	Rabbit	LD50 > 1,260 mg/kg
Cobalt	Inhalation-Dust/Mist (4 hours)	Rat	LC50 < 0.05 mg/l
Cobalt	Ingestion	Rat	LD50 550 mg/kg
Lithium Hydroxide	Inhalation-Dust/Mist (4 hours)	Rat	LC50 > 3.4 mg/l
Lithium Hydroxide	Ingestion	Rat	LD50 210 mg/kg
Potassium Hydroxide	Ingestion	Rat	LD50 273 mg/kg
Lithium	Dermal		estimated to be > 5,000 mg/kg
Lithium	Inhalation-Dust/Mist		estimated to be > 12.5 mg/l
Lithium	Ingestion		estimated to be > 5,000 mg/kg
Potassium	Dermal		estimated to be > 5,000 mg/kg
Potassium	Inhalation-Dust/Mist		estimated to be > 12.5 mg/l
Potassium	Ingestion		estimated to be > 5,000 mg/kg
Sodium	Dermal		estimated to be > 5,000 mg/kg
Sodium	Inhalation-Dust/Mist		estimated to be > 12.5 mg/l
Sodium	Ingestion		estimated to be > 5,000 mg/kg
Manganese	Dermal		LD50 estimated to be > 5,000 mg/kg
Manganese	Ingestion	Rat	LD50 > 9,000 mg/kg

ATE = acute toxicity estimate

Skin Corrosion/Irritation

Name	Species	Value
Nickel	Rabbit	Minimal irritation
Iron	Rabbit	No significant irritation
Aluminium	Rabbit	No significant irritation
Cobalt	In vitro data	No significant irritation
Lithium Hydroxide	In vitro data	Corrosive
Potassium Hydroxide	Rabbit	Corrosive
Sodium Hydroxide	Rabbit	Corrosive

Serious Eye Damage/Irritation

Name	Species	Value
Nickel	Rabbit	Mild irritant
Iron	Rabbit	No significant irritation
Aluminium	Rabbit	No significant irritation
Cobalt	Rabbit	Moderate irritant
Lithium Hydroxide	similar health hazards	Corrosive
Potassium Hydroxide	Rabbit	Corrosive
Sodium Hydroxide	Rabbit	Corrosive

Skin Sensitisation

Name	Species	Value
Nickel	Human	Sensitising
Aluminium	Guinea pig	Not classified
Cobalt	Human and animal	Sensitising
Sodium Hydroxide	Human	Not classified

Respiratory Sensitisation

Name	Species	Value
Aluminium	Human	Not classified

Cobalt	Human	Sensitising

Germ Cell Mutagenicity

Name	Route	Value
Aluminium	In Vitro	Not mutagenic
Cobalt	In Vitro	Some positive data exist, but the data are not sufficient for classification
Cobalt	In vivo	Some positive data exist, but the data are not sufficient for classification
Sodium Hydroxide	In Vitro	Not mutagenic

Carcinogenicity

Name	Route	Species	Value
Nickel	Inhalation	similar compounds	Carcinogenic.
Cobalt	Inhalation	Multiple animal species	Carcinogenic.

Reproductive Toxicity

Reproductive and/or Developmental Effects

Name	Route	Value	Species	Test result	Exposure Duration
Cobalt	Inhalation	Not classified for female reproduction	Mouse	NOAEL 0.01 mg/l	14 weeks
Cobalt	Ingestion	Not classified for development	Multiple animal species	NOAEL Not available	during gestation
Cobalt	Ingestion	Toxic to male reproduction	Multiple animal species	NOAEL Not available	
Cobalt	Inhalation	Toxic to male reproduction	Mouse	LOAEL 0.0025 mg/l	14 weeks
Lithium Hydroxide	Ingestion	Not classified for development	similar compounds	NOAEL Not available	

Target Organ(s)

Specific Target Organ Toxicity - single exposure

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration
Cobalt	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification	Human	NOAEL Not available	
Lithium Hydroxide	Inhalation	respiratory irritation	May cause respiratory irritation	Human	NOAEL Not available	occupational exposure
Lithium Hydroxide	Ingestion	nervous system	Not classified	similar compounds	NOAEL Not available	
Potassium Hydroxide	Inhalation	respiratory irritation	May cause respiratory irritation	Human	NOAEL not available	
Sodium Hydroxide	Inhalation	respiratory irritation	May cause respiratory irritation	Human	NOAEL Not available	

Specific Target Organ Toxicity - repeated exposure

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration

Nickel	Inhalation	respiratory system	Causes damage to organs through prolonged or repeated exposure	Rat	LOAEL 0.001 mg/l	13 weeks
Aluminium	Inhalation	nervous system | respiratory system	Not classified	Human	NOAEL Not available	occupational exposure
Cobalt	Inhalation	respiratory system	Causes damage to organs through prolonged or repeated exposure	Rat	NOAEL 0.000625 mg/l	14 weeks
Cobalt	Inhalation	hematopoietic system | liver | kidney and/or bladder | heart | skin | endocrine system | gastrointestinal tract | bone, teeth, nails, and/or hair | immune system | nervous system | eyes	Not classified	Rat	NOAEL 0.005 mg/l	14 weeks
Cobalt	Ingestion	heart	Not classified	Human	NOAEL Not available	poisoning and/or abuse
Cobalt	Ingestion	endocrine system | hematopoietic system	Not classified	Human	NOAEL Not available	therapeutic use

Aspiration Hazard
For the component/components, either no data are currently available or the data are not sufficient for classification.

Exposure Levels
Refer Section **8.1 Control Parameters** of this Safety Data Sheet.

Interactive Effects
Not determined.

SECTION 12: Ecological information

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. Additional information leading to material classification in Section 2 is available upon request. In addition, environmental fate and effects data on ingredients may not be reflected in this section because an ingredient is present below the threshold for labelling, an ingredient is not expected to be available for exposure, or the data is considered not relevant to the material as a whole.

12.1. Toxicity

No product test data available.

Material	CAS Number	Organism	Type	Exposure	Test endpoint	Test result
Nickel	7440-02-0	Activated sludge	Experimental	30 minutes	EC50	33 mg/l
Iron	7439-89-6		Data not available or insufficient for			N/A

			classification			
Aluminium	7429-90-5	Fish other	Experimental	96 hours	No tox obs at lmt of water sol	>100 mg/l
Aluminium	7429-90-5	Green Algae	Experimental	72 hours	No tox obs at lmt of water sol	>100 mg/l
Aluminium	7429-90-5	Water flea	Experimental	48 hours	No tox obs at lmt of water sol	>100 mg/l
Aluminium	7429-90-5	Green Algae	Experimental	72 hours	No tox obs at lmt of water sol	100 mg/l
Aluminium	7429-90-5	Water flea	Experimental	21 days	NOEC	0.076 mg/l
Cobalt	7440-48-4	Water flea	Endpoint not reached	48 hours	EC50	>100 mg/l
Cobalt	7440-48-4	Zebra Fish	Endpoint not reached	96 hours	LC50	>100 mg/l
Cobalt	7440-48-4	Green algae	Experimental	70 hours	EC50	0.27 mg/l
Cobalt	7440-48-4	Green algae	Experimental	70 hours	EC10	0.022 mg/l
Cobalt Hydroxide (CO(OH)2)	21041-93-0	Activated sludge	Estimated	30 minutes	EC10	5.88 mg/l
Cobalt Hydroxide (CO(OH)2)	21041-93-0	Green Algae	Estimated	72 hours	EC50	0.23 mg/l
Cobalt Hydroxide (CO(OH)2)	21041-93-0	Water flea	Estimated	48 hours	LC50	0.95 mg/l
Cobalt Hydroxide (CO(OH)2)	21041-93-0	Zebra Fish	Estimated	96 hours	LC50	25.2 mg/l
Cobalt Hydroxide (CO(OH)2)	21041-93-0	Crustecea other	Estimated	28 days	NOEC	0.011 mg/l
Cobalt Hydroxide (CO(OH)2)	21041-93-0	Fathead minnow	Estimated	34 days	NOEC	0.33 mg/l
Cobalt Hydroxide (CO(OH)2)	21041-93-0	Green Algae	Estimated	72 hours	NOEC	0.051 mg/l
Lithium	7439-93-2	Activated sludge	Estimated	3 hours	EC50	52.29 mg/l
Lithium	7439-93-2	Green algae	Estimated	72 hours	EC50	25.6 mg/l
Lithium	7439-93-2	Water flea	Estimated	48 hours	EC50	10 mg/l
Lithium	7439-93-2	Green algae	Estimated	72 hours	NOEC	1.65 mg/l
Lithium	7439-93-2	Zebra Fish	Estimated	34 days	NOEC	2.87 mg/l
Lithium	7439-93-2	Water flea	Experimental	21 days	NOEC	1.7 mg/l
Lithium Hydroxide	1310-65-2	Activated sludge	Estimated	3 hours	EC10	79.2 mg/l
Lithium Hydroxide	1310-65-2	Fish other	Estimated	96 hours	LC50	58.7 mg/l
Lithium Hydroxide	1310-65-2	Green Algae	Estimated	72 hours	EC50	87.6 mg/l
Lithium Hydroxide	1310-65-2	Water flea	Estimated	48 hours	EC50	34.3 mg/l
Lithium Hydroxide	1310-65-2	Fathead minnow	Estimated	26 days	NOEC	0.7 mg/l

Lithium Hydroxide	1310-65-2	Green Algae	Estimated	72 hours	NOEC	5.71 mg/l
Lithium Hydroxide	1310-65-2	Water flea	Estimated	21 days	NOEC	2.3 mg/l
Nickel Hydroxide	12054-48-7	Water flea	Estimated	48 hours	EC50	0.22 mg/l
Nickel Hydroxide	12054-48-7	Rainbow trout	Estimated	28 days	NOEC	0.021 mg/l
Potassium	7440-09-7	Algae or other aquatic plants	Estimated	120 hours	EC50	700 mg/l
Potassium	7440-09-7	Fathead minnow	Estimated	96 hours	LC50	460 mg/l
Potassium	7440-09-7	Water flea	Estimated	48 hours	LC50	93 mg/l
Potassium Hydroxide	1310-58-3		Data not available or insufficient for classification			N/A
Sodium	7440-23-5	Water flea	Experimental	48 hours	EC50	1,640 mg/l
Sodium Hydroxide	1310-73-2		Data not available or insufficient for classification			N/A
Manganese	7439-96-5	Activated sludge	Experimental	3 hours	NOEC	1,000 mg/l
Manganese	7439-96-5	Green algae	Experimental	72 hours	EC50	4.5 mg/l
Manganese	7439-96-5	Rainbow trout	Experimental	96 hours	LC50	>100 mg/l
Manganese	7439-96-5	Water flea	Experimental	48 hours	EC50	>100 mg/l
Manganese	7439-96-5	Green algae	Experimental	72 hours	NOEC	2.5 mg/l
Manganese	7439-96-5	Water flea	Experimental	8 days	NOEC	1.7 mg/l

12.2. Persistence and degradability

Material	**CAS Number**	**Test type**	**Duration**	**Study Type**	**Test result**	**Protocol**
Nickel	7440-02-0	Data not available-insufficient			N/A	
Iron	7439-89-6	Data not available-insufficient			N/A	
Aluminium	7429-90-5	Data not available-insufficient			N/A	
Cobalt	7440-48-4	Data not available-insufficient			N/A	
Cobalt Hydroxide (CO(OH)2)	21041-93-0	Data not available-insufficient			N/A	
Lithium	7439-93-2	Data not available-insufficient			N/A	
Lithium Hydroxide	1310-65-2	Data not available-insufficient			N/A	

Nickel Hydroxide	12054-48-7	Data not available-insufficient			N/A	
Potassium	7440-09-7	Data not available-insufficient			N/A	
Potassium Hydroxide	1310-58-3	Data not available-insufficient			N/A	
Sodium	7440-23-5	Data not available-insufficient			N/A	
Sodium Hydroxide	1310-73-2	Data not available-insufficient			N/A	
Manganese	7439-96-5	Data not available-insufficient			N/A	

12.3 : Bioaccumulative potential

Material	CAS Number	Test type	Duration	Study Type	Test result	Protocol
Nickel	7440-02-0	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Iron	7439-89-6	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Aluminium	7429-90-5	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Cobalt	7440-48-4	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Cobalt Hydroxide (CO(OH)2)	21041-93-0	Estimated Bioconcentration	20 days	Bioaccumulation factor	4.2	Non-standard method
Lithium	7439-93-2	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Lithium Hydroxide	1310-65-2	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Nickel Hydroxide	12054-48-7	Experimental BCF - Fathead Minnow	30	Bioaccumulation factor	106	
Potassium	7440-09-7	Data not available or insufficient for	N/A	N/A	N/A	N/A

		classification				
Potassium Hydroxide	1310-58-3	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Sodium	7440-23-5	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Sodium Hydroxide	1310-73-2	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Manganese	7439-96-5	Data not available or insufficient for classification	N/A	N/A	N/A	N/A

12.4. Mobility in soil
Please contact manufacturer for more details

12.5 Other adverse effects
No information available.

SECTION 13: Disposal considerations

13.1. Disposal methods
Dispose of contents/ container in accordance with the local/regional/national/international regulations.

Dispose of waste product in a permitted industrial waste facility. As a disposal alternative, incinerate in a permitted waste incineration facility. If no other disposal options are available, waste product may be placed in a landfill properly designed for industrial waste.

SECTION 14: Transport Information

Australian Dangerous Goods Code (ADG) - Road/Rail Transport
UN No.: UN3496
Proper shipping name: Batteries, nickel metal hydride
Class/Division: Not applicable.
Sub Risk: Not applicable.
Packing Group: Not applicable.

Hazchem Code: 2Y
IERG: Not applicable.

International Air Transport Association (IATA) - Air Transport
UN No.: UN3496
Proper shipping name: Batteries, nickel metal hydride
Class/Division: Not applicable.
Sub Risk: Not applicable.
Packing Group: Not applicable.
Special Instructions: Not restricted, as per Special Provision A123.

International Maritime Dangerous Goods Code (IMDG)- Marine Transport

UN No.: UN3496
Proper shipping name: Batteries, nickel metal hydride
Class/Division: Not applicable.
Sub Risk: Not applicable.
Packing Group: Not applicable.
Marine Pollutant: Not applicable.
Special Instructions: Not restricted, as per Special Provision 963, nickel metal hydride batteries.

SECTION 15: Regulatory information

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

Australian Inventory Status:
This product is defined as an article under the Industrial Chemicals (Notification and Assessment) Act 1989, as amended, and is exempt from inventory requirements under the Industrial Chemicals (Notification and Assessment) Act 1989 as amended.

Poison Schedule: This product is an article therefore the Standard for the Uniform Scheduling of Medicines and Poisons Schedule is not applicable.

SECTION 16: Other information

Revision information:
Complete document review.

DISCLAIMER: The information on this Safety Data Sheet is based on our experience and is correct to the best of our knowledge at the date of publication, but we do not accept any liability for any loss, damage or injury resulting from its use (except as required by law). The information may not be valid for any use not referred to in this Safety Data Sheet or use of the product in combination with other materials. For these reasons, it is important that customers carry out their own test to satisfy themselves as to the suitability of the product for their own intended applications.
Greenguard ® is a United States based program. The 'Low VOC' reference related to United States Federal and State regulations exemptions for some solvents.

3M Australia SDSs are available at www.3m.com.au