SAFETY DATA SHEET

1. Identification

Product identifier  Nickel Metal Hydride (NiMH) Batteries

Other means of identification None.

Recommended use of the chemical and restrictions on use

Recommended use  Nickel metal hydride battery.

Restrictions on use Not available.

Details of manufacturer or importer

Company name  Motorola Solutions Australia Pty Ltd

Address  10 Wesley Court

East Burwood VIC 3151

Australia

Emergency phone number

CHEMTREC (Australia): +61 2 9037 2994

CHEMTREC (International): +1-703-741-5500

Customer number  204471

2. Hazard(s) identification

Classification of the hazardous chemical

Physical hazards  Not classified.

Health hazards  Not classified.

Environmental hazards  Not classified.

Under normal conditions of processing and use, exposure to the chemical constituents in this product is unlikely. The battery should not be opened or burned. Exposure to the ingredients contained within or their combustion products could be harmful.

Label elements, including precautionary statements

Hazard symbol(s)  None.

Signal word  None.

Hazard statement(s)  The mixture does not meet the criteria for classification.

Precautionary statement(s)

Prevention  Handle with care. For safe handling, see Section 7.

Response  See Sections 4, 6 and 8 for response information.

Storage  Store as indicated in Section 7.

Disposal  Dispose of waste and residues in accordance with local authority requirements.

Other hazards which do not result in classification

In the event of damage resulting in a leak of exposed materials, avoid contact with contents of an open or damaged cell or battery.

Supplemental information  None.

3. Composition/information on ingredients

Mixture

<table>
<thead>
<tr>
<th>Identity of chemical ingredients</th>
<th>CAS number and other unique identifiers</th>
<th>Concentration of ingredients</th>
</tr>
</thead>
<tbody>
<tr>
<td>Positive electrode (Nickel metal, Nickel hydroxide)</td>
<td>7440-02-0, 12054-48-7</td>
<td>10-25</td>
</tr>
<tr>
<td>Positive electrode (Cobalt)</td>
<td>7440-48-4</td>
<td>&lt;10</td>
</tr>
<tr>
<td>Negative electrode (Metal hydride alloy may contain: Lanthanum, Cerium, Neodymium, Praseodymium)</td>
<td>7439-91-0, 7440-45-1, 7440-00-8, 7440-10-0</td>
<td>5-15</td>
</tr>
<tr>
<td>Component Description</td>
<td>CAS Number</td>
<td>Percentage</td>
</tr>
<tr>
<td>------------------------</td>
<td>------------</td>
<td>------------</td>
</tr>
<tr>
<td>Negative electrode (May contain: Nickel)</td>
<td>7440-02-0</td>
<td>10-30</td>
</tr>
<tr>
<td>Negative electrode (May contain: Cobalt)</td>
<td>7440-48-4</td>
<td>&lt;10</td>
</tr>
<tr>
<td>Other components (Nylon, Polypropylene, Steel)</td>
<td>-</td>
<td>13-28</td>
</tr>
</tbody>
</table>

**Composition comments**

All concentrations are in percent by weight unless otherwise indicated.

Exposure to hazardous ingredients is not anticipated under normal conditions of use.

### 4. First-aid measures

**Description of necessary first aid measures**

**Inhalation**

Exposure to contents of an open or damaged battery: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician or poison control centre immediately.

**Skin contact**

Exposure to contents of an open or damaged battery: Remove contaminated clothes and rinse skin thoroughly with water for at least 15 minutes. Call a physician or poison control centre immediately. Chemical burns must be treated by a physician.

**Eye contact**

Exposure to contents of an open or damaged battery: Immediately flush eyes with plenty of water for at least 15 minutes. Provide eyewash station. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician or poison control centre immediately.

**Ingestion**

Exposure to contents of an open or damaged battery: Call a physician or poison control centre immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

**Personal protection for first-aid responders**

Use personal protective equipment sufficient to prevent direct skin or eye contact or inhalation of this product. If potential for exposure exists refer to Section 8 for specific personal protective equipment.

**Symptoms caused by exposure**

Exposure to contents of an open or damaged battery: Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. May cause allergic skin reaction. Difficulty in breathing. Coughing. Prolonged exposure may cause chronic effects.

**Medical attention and special treatment**

Provide general supportive measures and treat symptomatically. Keep victim warm. Keep victim under observation. Symptoms may be delayed.

### 5. Fire-fighting measures

**Extinguishing media**

Use fire-extinguishing media appropriate for surrounding materials.

**Suitable extinguishing media**

Leak from a damaged or opened battery: Do not use water unless flooding amounts are available.

**Unsuitable extinguishing media**

In the event of fire and/or explosion do not breathe fumes. Irritating, corrosive and/or toxic gases or fumes will be released during a fire. Combustion products may include: carbon oxides, metal oxides.

**Specific hazards arising from the chemical**

Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask.

**Special protective equipment and precautions for fire fighters**

Fight fire from protected location or safe distance. Keep upwind. Move containers from fire area if you can do so without risk. Avoid discharge into drains, water courses or onto the ground.

**Hazchem Code**

None.

**General fire hazards**

Under normal use, the battery does not exhibit flammable properties. Exposure to excessive heat may lead to venting or rupture of the sealed battery, exposing the internal components which may be corrosive and toxic.

**Specific methods**

Use standard firefighting procedures and consider the hazards of other involved materials.

### 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures**

**For non-emergency personnel**

None under normal use conditions. In the event of damage resulting in a leak or exposed materials, avoid contact with contents of an open or damaged cell or battery. Wear protective clothing as described in section 8 of this safety data sheet.

**For emergency responders**

Keep unnecessary personnel away. Use personal protection recommended in Section 8 of the SDS.

**Environmental precautions**

Avoid allowing material from exposed battery to contaminate soil, sanitary sewers, or waterways.
Leak from a damaged or opened battery: Contain spillage with sand or earth. Transfer to a container for disposal. For waste disposal, see Section 13 of the SDS.

Clean up in accordance with all applicable regulations.

7. Handling and storage

Methods and materials for containment and cleaning up

Other issues relating to spills and releases

Leak from a damaged or opened battery: Contain spillage with sand or earth. Transfer to a container for disposal. For waste disposal, see Section 13 of the SDS.

Clean up in accordance with all applicable regulations.

Precautions for safe handling

Do not open, disassemble, crush or burn battery. Protect against physical damage. Do not expose battery to extreme heat or fire. Do not allow conductive material to touch the battery terminals. A dangerous short-circuit may occur and cause battery failure and fire.

Conditions for safe storage, including any incompatibilities

Keep out of reach of children. Prevent short circuits. Store in original packaging. Store in a cool, dry, ventilated area away from sources of heat, moisture and incompatibilities. Store away from incompatible materials (See Section 10). Do not store at temperatures above 60 °C (140 °F).

8. Exposure controls and personal protection

Control parameters

Follow standard monitoring procedures.

Occupational exposure limits

Australia. National Workplace OELs (Workplace Exposure Standards for Airborne Contaminants, Appendix A)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cobalt (CAS 7440-48-4)</td>
<td>TWA</td>
<td>0.05 mg/m³</td>
<td>Dust and fume.</td>
</tr>
<tr>
<td>Nickel (CAS 7440-02-0)</td>
<td>TWA</td>
<td>0.1 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Nickel hydroxide (CAS 12054-48-7)</td>
<td>TWA</td>
<td>0.1 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Potassium hydroxide (CAS 1310-58-3)</td>
<td>Ceiling</td>
<td>2 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Sodium hydroxide (CAS 1310-73-2)</td>
<td>Ceiling</td>
<td>2 mg/m³</td>
<td></td>
</tr>
</tbody>
</table>

Australia. OELs. (Adopted National Exposure Standards for Atmospheric Contaminants in the Occupational Environment)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cobalt (CAS 7440-48-4)</td>
<td>TWA</td>
<td>0.05 mg/m³</td>
<td>Dust and fume.</td>
</tr>
<tr>
<td>Nickel (CAS 7440-02-0)</td>
<td>TWA</td>
<td>1 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Nickel hydroxide (CAS 12054-48-7)</td>
<td>TWA</td>
<td>0.1 mg/m³</td>
<td></td>
</tr>
</tbody>
</table>

US. ACGIH Threshold Limit Values

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cobalt (CAS 7440-48-4)</td>
<td>TWA</td>
<td>0.02 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Nickel (CAS 7440-02-0)</td>
<td>TWA</td>
<td>1.5 mg/m³</td>
<td>Inhalable fraction.</td>
</tr>
<tr>
<td>Nickel hydroxide (CAS 12054-48-7)</td>
<td>TWA</td>
<td>0.2 mg/m³</td>
<td>Inhalable fraction.</td>
</tr>
<tr>
<td>Potassium hydroxide (CAS 1310-58-3)</td>
<td>Ceiling</td>
<td>2 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Sodium hydroxide (CAS 1310-73-2)</td>
<td>Ceiling</td>
<td>2 mg/m³</td>
<td></td>
</tr>
</tbody>
</table>

UK. EH40 Workplace Exposure Limits (WELs)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cobalt (CAS 7440-48-4)</td>
<td>TWA</td>
<td>0.1 mg/m³</td>
</tr>
<tr>
<td>Nickel (CAS 7440-02-0)</td>
<td>TWA</td>
<td>0.5 mg/m³</td>
</tr>
<tr>
<td>Potassium hydroxide (CAS 1310-58-3)</td>
<td>STEL</td>
<td>2 mg/m³</td>
</tr>
<tr>
<td>Sodium hydroxide (CAS 1310-73-2)</td>
<td>STEL</td>
<td>2 mg/m³</td>
</tr>
</tbody>
</table>

Biological limit values

Argentina. Biological Exposure Indexes (BEIs) (Decree 351/1979 )

<table>
<thead>
<tr>
<th>Components</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cobalt (CAS 7440-48-4)</td>
<td>15 µg/l</td>
</tr>
</tbody>
</table>

Exposure guidelines

Airborne exposures to hazardous substances are not expected when product is used for its intended purpose.
General ventilation normally adequate. Leak from a damaged or opened battery: Provide adequate ventilation if fumes or vapours are generated.

Appropriate engineering controls

Individual protection measures, for example personal protective equipment (PPE)

Eye/face protection
None under normal conditions. Leak from a damaged or opened battery: Wear approved safety glasses or goggles.

Skin protection

Hand protection
None under normal conditions. Leak from a damaged or opened battery: Wear protective gloves.

Other
None under normal conditions. Leak from a damaged or opened battery: Wear suitable protective clothing and gloves.

Respiratory protection
None under normal conditions. Leak from a damaged or opened battery: Wear suitable respiratory protection.

Thermal hazards
Not applicable.

Eye/face protection

Skin protection

Hand protection

Respiratory protection

Thermal hazards

Hygiene measures
Do not store food, drink and tobacco near the product. Practice good housekeeping.

9. Physical and chemical properties

Appearance

Physical state
Solid.

Form
Battery.

Colour
Not available.

Odour
Not available.

Odour threshold
Not available.

pH
Not available.

Melting point/freezing point
Not available.

Initial boiling point and boiling range
Not available.

Flash point
Not available.

Evaporation rate
Not available.

Flammability (solid, gas)
Will burn if involved in a fire.

Upper/lower flammability or explosive limits

Flammability limit - lower (%)
Not available.

Flammability limit - upper (%)
Not available.

Vapour pressure
Not available.

Vapour density
Not available.

Relative density
Not available.

Solubility(ies)

Solubility (water)
Not available.

Partition coefficient (n-octanol/water)
Not available.

Auto-ignition temperature
Not available.

Decomposition temperature
Not available.

Viscosity
Not available.

Other physical and chemical parameters

Explosive properties
Not explosive.

Oxidising properties
Not oxidising.

10. Stability and reactivity

Reactivity
The product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stability
Product is stable under normal conditions.

Possibility of hazardous reactions
No dangerous reaction known under conditions of normal use.
Conditions to avoid
Contact with incompatible materials. Elevated temperatures. Shocks and physical damage. Do not open, disassemble, crush or burn battery. Do not allow conductive material to touch the battery terminals. A dangerous short-circuit may occur and cause battery failure and fire.

Incompatible materials
Do not immerse in seawater or other high conductivity liquids.

Hazardous decomposition products
Thermal decomposition or combustion may produce: carbon oxides, metal oxides

11. Toxicological information

Information on possible routes of exposure

Inhalation
Not relevant, due to the form of the product. Exposure to contents of an open or damaged battery: Prolonged inhalation may be harmful.

Skin contact
Not relevant, due to the form of the product. Exposure to contents of an open or damaged battery: Causes severe skin burns. May cause an allergic skin reaction.

Eye contact
Not relevant, due to the form of the product. Exposure to contents of an open or damaged battery: Causes serious eye damage.

Ingestion
Not relevant, due to the form of the product. Exposure to contents of an open or damaged battery: Causes digestive tract burns. Harmful if swallowed.

Symptoms related to exposure
Exposure not expected under normal use conditions. In the event that cell or battery is damaged, open, or leaking - inhalation, skin contact, and/or eye contact may be considered for routes of exposure. Signs and symptoms may include: Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. May cause allergic skin reaction. Difficulty in breathing. Coughing. Prolonged exposure may cause chronic effects.

Acute toxicity
Expected to be a low hazard for usual industrial or commercial handling by trained personnel. Exposure to contents of an open or damaged battery: May be harmful if swallowed or inhaled.

Components

<table>
<thead>
<tr>
<th>Species</th>
<th>Test results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nickel hydroxide (CAS 12054-48-7)</td>
<td></td>
</tr>
<tr>
<td>Acute Inhalation LC50</td>
<td>1.2 mg/l, 4 Hours</td>
</tr>
<tr>
<td>Oral LD50</td>
<td>1540 mg/kg</td>
</tr>
<tr>
<td>Potassium hydroxide (CAS 1310-58-3)</td>
<td></td>
</tr>
<tr>
<td>Acute Oral LD50</td>
<td>273 mg/kg</td>
</tr>
</tbody>
</table>

Skin corrosion/irritation
Exposure to contents of an open or damaged battery: Causes severe skin burns.

Serious eye damage/irritation
Exposure to contents of an open or damaged battery: Causes serious eye damage.

Respiratory or skin sensitisation

ACGIH sensitisation
HARD METALS CONTAINING COBALT AND TUNGSTEN CARBIDE, THORACIC FRACTION, AS CO (CAS 7440-48-4)

Respiratory sensitisation
Exposure to contents of an open or damaged battery: May cause allergy or asthma symptoms or breathing difficulties.

Skin sensitisation
Exposure to contents of an open or damaged battery: May cause an allergic skin reaction.

Germ cell mutagenicity
Exposure to contents of an open or damaged battery: Contains a suspect mutagen.

Carcinogenicity
Exposure to contents of an open or damaged battery: May cause cancer.

ACGIH Carcinogens
Cobalt (CAS 7440-48-4) A2 Suspected human carcinogen.
Nickel (CAS 7440-02-0) A3 Confirmed animal carcinogen with unknown relevance to humans.
Nickel hydroxide (CAS 12054-48-7) A5 Not suspected as a human carcinogen.

IARC Monographs, Overall Evaluation of Carcinogenicity
Cobalt (CAS 7440-48-4) 2B Possibly carcinogenic to humans.
Nickel (CAS 7440-02-0) 2B Possibly carcinogenic to humans.
Nickel hydroxide (CAS 12054-48-7) 1 Carcinogenic to humans.

Reproductive toxicity
Exposure to contents of an open or damaged battery: May damage fertility or the unborn child.

Specific target organ toxicity - single exposure
Based on available data, the classification criteria are not met.

Specific target organ toxicity - repeated exposure
Exposure to contents of an open or damaged battery: Causes damage to organs through prolonged or repeated exposure.

Aspiration hazard
Not relevant, due to the form of the product.

Chronic effects
Exposure to contents of an open or damaged battery: Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects.

Other information
Exposure to hazardous ingredients is not anticipated under normal conditions of use.

12. Ecological information

Ecotoxicity
The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lanthanum (CAS 7439-91-0)</td>
<td>Aquatic</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Acute</td>
<td>EC50</td>
</tr>
<tr>
<td></td>
<td>Other</td>
<td></td>
</tr>
<tr>
<td>Nickel (CAS 7440-02-0)</td>
<td>Aquatic</td>
<td>EC50</td>
</tr>
<tr>
<td></td>
<td>Crustacea</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>LC50</td>
</tr>
<tr>
<td>Potassium hydroxide (CAS 1310-58-3)</td>
<td>Aquatic</td>
<td>LC50</td>
</tr>
<tr>
<td>Sodium hydroxide (CAS 1310-73-2)</td>
<td>Aquatic</td>
<td>EC50</td>
</tr>
</tbody>
</table>

Persistence and degradability
No data is available on the degradability of this product.

Bioaccumulative potential
No data available.

Mobility in soil
Some components from a leaking battery may be mobile.

Other adverse effects
None known.

13. Disposal considerations

Disposal methods
Recycle the batteries, as the primary disposal method. Collect and reclaim or dispose in sealed containers at licensed waste disposal site.

Residual waste
Dispose of in accordance with local regulations. This product and its container must be disposed of in a safe manner.

Contaminated packaging
If contaminated by a leaking or damaged battery, empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information

ADG
Not regulated as dangerous goods.

RID
Not regulated as dangerous goods.

IATA
Not regulated as dangerous goods.

IMDG
Not regulated as dangerous goods.
15. Regulatory information

Safety, health and environmental regulations

National regulations

This Safety Data Sheet was prepared in accordance with Australia Model Code of Practice for the preparation of Safety Data Sheets for Hazardous Chemicals (23/12/2011).

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP): This product is listed in Appendix A (General Exemptions) and hence the Standard does not apply to the substances in the product.

Australia National Pollutant Inventory (NPI): Threshold quantity

- Cobalt (CAS 7440-48-4) 10 TONNES/YR Threshold Category: 1
- Nickel (CAS 7440-02-0) 10 TONNES/YR Threshold Category: 1
- Nickel hydroxide (CAS 12054-48-7) 10 TONNES/YR Threshold Category: 1

High Volume Industrial Chemicals (HVIC)

- Nickel (CAS 7440-02-0) 1000 - 9999 TONNES See the regulation for additional information.
- Potassium hydroxide (CAS 1310-58-3) 1000 - 9999 TONNES See the regulation for additional information.
- Sodium hydroxide (CAS 1310-73-2) > 1000000 TONNES See the regulation for additional information.

Importation of Ozone Deleting Substances (Customs(Prohibited imports) Regulations 1956, Schedule 10)

Not listed.

National Pollutant Inventory (NPI) substance reporting list

- Nickel (CAS 7440-02-0) 2000 TONNES/YR Threshold Category: 2B
- Nickel hydroxide (CAS 12054-48-7) 2000 TONNES/YR Threshold Category: 2B

Prohibited Carcinogenic Substances

Not regulated.

Prohibited Substances (National Model Regulation for the control of Workplace Hazardous Substances, Schedule 2 NOHSC:1005 (1994) as amended)

Not listed.

Restricted Importation of Organochlorine Chemicals (Customs(Prohibited Imports) Regulations 1956, Schedule 9)

Not listed.

Restricted Carcinogenic Substances

Not regulated.

International regulations

Stockholm Convention

Not applicable.

Rotterdam Convention

Not applicable.

Kyoto protocol

Not applicable.

Montreal Protocol

Not applicable.

Basel Convention

Not applicable.

International Inventories

<table>
<thead>
<tr>
<th>Country(s) or region</th>
<th>Inventory name</th>
<th>On inventory (yes/no)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Australia</td>
<td>Australian Inventory of Chemical Substances (AICS)</td>
<td>Yes</td>
</tr>
<tr>
<td>Canada</td>
<td>Domestic Substances List (DSL)</td>
<td>Yes</td>
</tr>
<tr>
<td>Canada</td>
<td>Non-Domestic Substances List (NDSL)</td>
<td>No</td>
</tr>
<tr>
<td>China</td>
<td>Inventory of Existing Chemical Substances in China (IECSC)</td>
<td>No</td>
</tr>
<tr>
<td>Europe</td>
<td>European Inventory of Existing Commercial Chemical Substances (EINECS)</td>
<td>Yes</td>
</tr>
<tr>
<td>Europe</td>
<td>European List of Notified Chemical Substances (ELINCS)</td>
<td>No</td>
</tr>
<tr>
<td>Country(s) or region</td>
<td>Inventory name</td>
<td>On inventory (yes/no)*</td>
</tr>
<tr>
<td>----------------------------</td>
<td>--------------------------------------------------------------------------------</td>
<td>------------------------</td>
</tr>
<tr>
<td>Japan</td>
<td>Inventory of Existing and New Chemical Substances (ENCS)</td>
<td>No</td>
</tr>
<tr>
<td>Korea</td>
<td>Existing Chemicals List (ECL)</td>
<td>No</td>
</tr>
<tr>
<td>New Zealand</td>
<td>New Zealand Inventory</td>
<td>Yes</td>
</tr>
<tr>
<td>Philippines</td>
<td>Philippine Inventory of Chemicals and Chemical Substances (PICCS)</td>
<td>No</td>
</tr>
<tr>
<td>United States &amp; Puerto Rico</td>
<td>Toxic Substances Control Act (TSCA) Inventory</td>
<td>Yes</td>
</tr>
</tbody>
</table>

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).
A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information

**Issue date**: 27-December-2016

**Revision date**: -

**Key abbreviations or acronyms used**

- ADG: Australian Dangerous Goods.
- ACGIH: American Conference of Governmental Industrial Hygienists.
- CAS: Chemical Abstracts Service.
- IATA: International Air Transport Association.
- IBC: Intermediate Bulk Container.
- OEL: Occupational Exposure Limit.
- RID: Regulations concerning the International Carriage of Dangerous Goods by Rail.
- STEL: Short-Term Exposure Limit.
- TWA: Time Weighted Average.

**References**

- ACGIH Documentation of the Threshold Limit Values and Biological Exposure Indices
- IARC Monographs. Overall Evaluation of Carcinogenicity
- ECHA registered substances database
- Safe Work Australia Hazardous Substances Information System (HSIS)

**Disclaimer**

Motorola Solutions, Inc. cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user’s responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.