Section 1: Identification: Product identifier and chemical identity

Product identifier

Product Name EXPANDA FOAM

Product Code(s) 30610110 30610226

Other means of identification

Proper Shipping Name Aerosols

UN Number UN1950

Pure substance/mixture Mixture

Recommended use of the chemical and restrictions on use

Recommended use Insulation foams

Uses advised against No information available

Details of manufacturer or importer

Supplier Bostik Australia Pty Ltd
51-71 High Street,
Thomastown Victoria
Australia
Tel: 613 9279-9333
Fax: 613 9279-9342

ABN: 79 003 893 838

E-mail address au-bostik-sds@bostik.com

Emergency telephone number

Emergency telephone number 24-hr Emergency: 1800 033 111

Section 2: Hazard(s) identification

GHS Classification

Based on available information, this material is classified as hazardous according to criteria of Safe Work Australia

<table>
<thead>
<tr>
<th>Hazard Category</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>aerosols</td>
<td>Category 1 - (H222)</td>
</tr>
<tr>
<td>Gases under pressure</td>
<td>Compressed gas - (H229)</td>
</tr>
<tr>
<td>Acute toxicity - Inhalation (Dusts/Mists)</td>
<td>Category 4 - (H332)</td>
</tr>
<tr>
<td>Skin corrosion/irritiation</td>
<td>Category 2 - (H315)</td>
</tr>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>Category 2A - (H319)</td>
</tr>
<tr>
<td>Respiratory sensitization</td>
<td>Category 1 - (H334)</td>
</tr>
<tr>
<td>Skin sensitization</td>
<td>Category 1 - (H317)</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>Category 2 - (H351)</td>
</tr>
<tr>
<td>Specific target organ toxicity (single exposure)</td>
<td>Category 3 - (H335)</td>
</tr>
<tr>
<td>Specific target organ toxicity (repeated exposure)</td>
<td>Category 2 - (H373)</td>
</tr>
</tbody>
</table>
SAFETY DATA SHEET

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Revision Number 2
Revision date 16-Mar-2020
Supersedes Date: 01-Jun-2017

Label elements
Gas cylinder
Flame
Exclamation mark
Health hazard

Signal word
Danger

Hazard statements
H222 - Extremely flammable aerosol
H229 - Pressurized container: May burst if heated
H315 - Causes skin irritation
H317 - May cause an allergic skin reaction
H319 - Causes serious eye irritation
H332 - Harmful if inhaled
H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled
H335 - May cause respiratory irritation
H351 - Suspected of causing cancer
H373 - May cause damage to organs through prolonged or repeated exposure

Precautionary Statements - Prevention
P201 - Obtain special instructions before use
P202 - Do not handle until all safety precautions have been read and understood
P281 - Use personal protective equipment as required
P271 - Use only outdoors or in a well-ventilated area
P264 - Wash face, hands and any exposed skin thoroughly after handling
P284 - In case of inadequate ventilation wear respiratory protection
P272 - Contaminated work clothing should not be allowed out of the workplace
P280 - Wear protective gloves
P260 - Do not breathe dust/fume/gas/mist/vapors/spray
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
P251 - Pressurized container: Do not pierce or burn, even after use
P211 - Do not spray on an open flame or other ignition source

Precautionary Statements - Response
P308 + P313 - IF exposed or concerned: Get medical advice/attention
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P337 + P313 - If eye irritation persists: Get medical advice/attention
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water
P362 - Take off contaminated clothing and wash before reuse
P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention
P334 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P341 + P311 - If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician

Precautionary Statements - Storage
P405 - Store locked up
P403 + P233 - Store in a well-ventilated place. Keep container tightly closed
P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F
P410 - Protect from sunlight

Precautionary Statements - Disposal
P501 - Dispose of contents/container to an approved waste disposal plant

Other hazards which do not result in classification
Persons already sensitized to diisocyanates may develop allergic reactions when using this product.

Standard for Uniform Scheduling of Medicines and Poisons (SUSMP)
Classified as a scheduled poison according to the Standard for Uniform Scheduling of Medicines and Poisons (SUSMP)

Poison Schedule Number
S6

Label requirements in accordance with SUSMP
POISON
KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING OR USING

Section 3: Composition and information on ingredients, in accordance with Schedule 8

Substance
Not applicable

Mixture

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS No.</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isocyanic acid, polymethylenepolyphenylene ester</td>
<td>9016-87-9</td>
<td>30 - 60%</td>
</tr>
<tr>
<td>Reaction mass of tris(2-chloropropyl) phosphate and tris(2-chloro-1-methylethyl) phosphate and Phosphoric acid, bis(2-chloro-1-methylethyl) 2-chloropropyl ester and Phosphoric acid, 2-chloro-1-methylethyl bis(2-chloropropyl) ester</td>
<td>ECKNOWLED</td>
<td>10 - &lt;30</td>
</tr>
<tr>
<td>Isobutane</td>
<td>75-28-5</td>
<td>1 - 10%</td>
</tr>
<tr>
<td>Propane</td>
<td>74-98-6</td>
<td>1 - 10%</td>
</tr>
<tr>
<td>Butane</td>
<td>106-97-8</td>
<td>1 - 10%</td>
</tr>
<tr>
<td>Non-hazardous ingredients</td>
<td>Proprietary</td>
<td>Balance</td>
</tr>
</tbody>
</table>

Section 4: First aid measures

Emergency telephone number
Poisons Information Center, Australia: 13 11 26
Poisons Information Center, New Zealand: 0800 764 766

FIRST AID

General advice
Show this safety data sheet to the doctor in attendance. IF exposed or concerned: Get medical advice/attention.

Inhalation
Remove to fresh air. May cause allergic respiratory reaction. If breathing has stopped, give artificial respiration. Get medical attention immediately. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Get immediate medical advice/attention.

Eye contact
Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. Get medical attention if irritation develops and persists. Consult an ophthalmologist.

Skin contact
In case of contact with liquefied gas, thaw frosted parts with lukewarm water. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a physician. Wash off immediately with soap and plenty of water for at least 15 minutes.

Ingestion
May produce an allergic reaction. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get immediate medical advice/attention. Clean mouth with water. Drink 1 or 2 glasses of water.

Self-protection of the first aider
Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of
Most important symptoms and effects, both acute and delayed

Symptoms: May cause allergy or asthma symptoms or breathing difficulties if inhaled. Coughing and/or wheezing. Itching. Rashes. Hives. Burning sensation. Difficulty in breathing.

Indication of any immediate medical attention and special treatment needed

Note to physicians: May cause sensitization in susceptible persons. Treat symptomatically.

Section 5: Firefighting measures

Suitable extinguishing media
Dry chemical. Carbon dioxide (CO2). Water spray.

Unsuitable extinguishing media
DO NOT EXTINGUISH A LEAKING GAS FIRE UNLESS LEAK CAN BE STOPPED.

Specific hazards arising from the chemical
Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Cylinders may rupture under extreme heat. Damaged cylinders should be handled only by specialists. Containers may explode when heated. Ruptured cylinders may rocket. Product is or contains a sensitizer. May cause sensitization by inhalation and skin contact.

Special protective actions for fire-fighters

Special protective equipment for firefighters: Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

Section 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions: Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Take precautionary measures against static discharges. Contents under pressure. Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers. Avoid breathing vapors or mists.

Other information: Ventilate the area. Refer to protective measures listed in Sections 7 and 8.

For emergency responders: Use personal protection recommended in Section 8.

Environmental precautions

Environmental precautions: Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

Methods and material for containment and cleaning up

Methods for containment: Stop leak if you can do it without risk. A vapor suppressing foam may be used to reduce vapors. Dike far ahead of spill to collect runoff water. Keep out of drains, sewers, ditches...
and waterways. Flood with water to complete polymerization and scrape off floor.

Methods for cleaning up
Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

Precautions to prevent secondary hazards

Prevention of secondary hazards
Clean contaminated objects and areas thoroughly observing environmental regulations.

Section 7: Handling and storage, including how the chemical may be safely used

Precautions for safe handling
Use personal protection equipment. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). Use spark-proof tools and explosion-proof equipment. Handle product only in closed system or provide appropriate exhaust ventilation. Keep in an area equipped with sprinklers. Do not puncture or incinerate cans. Contents under pressure. In case of rupture. Avoid contact with skin and eyes. Avoid breathing vapors or mists. Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Avoid breathing vapors or mists. Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Provide extract ventilation to points where emissions occur. In case of insufficient ventilation, wear suitable respiratory equipment. Do not eat, drink or smoke when using this product. Remove contaminated clothing and shoes. Take off contaminated clothing and wash before reuse.

General hygiene considerations
Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Remove and wash contaminated clothing and gloves, including the inside, before re-use.

Conditions for safe storage, including any incompatibilities

Storage Conditions
Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from sunlight. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Store in accordance with the particular national regulations. Store in accordance with local regulations. Store locked up. Keep out of the reach of children. Keep at temperatures between 5 and 25 °C.

Incompatible materials

This material is a scheduled poison and must be stored, maintained and used in accordance with the relevant regulations.

Section 8: Exposure controls and personal protection

Control parameters

Exposure Limits

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Australia</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isocyanic acid, polymethylenepolyphenylene ester</td>
<td></td>
</tr>
<tr>
<td>9016-87-9</td>
<td>0.02 mg/m³ TWA</td>
</tr>
<tr>
<td></td>
<td>0.07 mg/m³ STEL</td>
</tr>
<tr>
<td>Butane</td>
<td></td>
</tr>
<tr>
<td>106-97-8</td>
<td>800 ppm TWA</td>
</tr>
<tr>
<td></td>
<td>1900 mg/m³ TWA</td>
</tr>
</tbody>
</table>

OEL as published by Safe Work Australia
Appropriate engineering controls

Engineering controls
- Showers
- Eyewash stations
- Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection
- Tight sealing safety goggles.

Skin and body protection
- Wear suitable protective clothing. Long sleeved clothing. Chemical resistant apron.
- Antistatic boots.

Hand protection
- Impervious gloves. Wear suitable gloves.

Respiratory protection
- No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

Environmental exposure controls
- No information available.

Section 9: Physical and chemical properties

Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks • Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Aerosol</td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>Foam</td>
<td></td>
</tr>
<tr>
<td>Color</td>
<td>Beige</td>
<td></td>
</tr>
<tr>
<td>Odor</td>
<td>Characteristic</td>
<td></td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No information available</td>
<td></td>
</tr>
</tbody>
</table>

Flammability Limit in Air
- Upper flammability or explosive limits: 16%
- Lower flammability or explosive limits: 3%

Other information
- Solid content (%): No information available
- VOC Content (%): 122 g/L
- Density: No information available

Section 10: Stability and reactivity

Reactivity
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Reactivity
No information available.

Chemical stability

Stability
Stable under normal conditions.

Explosion Data
- Sensitivity to mechanical impact: Yes.
- Sensitivity to static discharge: Yes.

Possibility of hazardous reactions
None under normal processing.

Conditions to avoid
Heat, flames and sparks. Excessive heat.

Incompatible materials

Hazardous decomposition products
Nitrogen oxides (NOx). Carbon oxides. Thermal decomposition can lead to release of irritating and toxic gases and vapors.

Section 11: Toxicological information

Acute Toxicity

Information on likely routes of exposure

Product Information

Inhalation
Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. Specific test data for the substance or mixture is not available. May cause sensitization in susceptible persons. (based on components). May cause irritation of respiratory tract. Harmful by inhalation.

Eye contact
Irritating to eyes. Causes serious eye irritation.

Skin contact
Specific test data for the substance or mixture is not available. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. (based on components). May cause sensitization by skin contact. Causes skin irritation.

Ingestion
Specific test data for the substance or mixture is not available. May cause additional affects as listed under "Inhalation". Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Symptoms
Symptoms of allergic reaction may include rash, itching, swelling, trouble breathing, tingling of the hands and feet, dizziness, lightheadedness, chest pain, muscle pain, or flushing. Coughing and/ or wheezing. Itching. Rashes. Hives. Redness. May cause redness and tearing of the eyes.

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral) 6,124.00 mg/kg
ATEmix (inhalation-dust/mist) 3.20 mg/l
Component Information

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isocyanic acid, polymethylene polyphenylene ester</td>
<td>LD50 &gt; 10000 mg/kg (Rattus)</td>
<td>LD 50 &gt; 9400 mg/kg (Oryctolagus cuniculus)</td>
<td>=1.5 mg/L (Rattus) 4 h</td>
</tr>
<tr>
<td>Reaction mass of tris(2-chloropropyl) phosphate and tris(2-chloro-1-methyl) phosphate and Phosphoric acid, bis(2-chloro-1-methyl) 2-chloropropyl ester and Phosphoric acid, 2-chloro-1-methyl bis(2-chloropropyl) ester</td>
<td>LD50 &gt; 500 mg/kg (males); LD50 = 632 mg/kg (females) (Rattus)</td>
<td>LD50 &gt; 2000 mg/kg</td>
<td>-</td>
</tr>
</tbody>
</table>

Isobutane   -   -   =658 mg/L (Rattus) 4 h
Propane     -   -   >800000 ppm (Rattus) 15 min
Butane      -   -   =658 g/m³ (Rattus) 4 h

See section 16 for terms and abbreviations

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation Classification based on data available for ingredients. Causes skin irritation.

Component Information

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Species</th>
<th>Exposure route</th>
<th>Effective dose</th>
<th>Exposure time</th>
<th>Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isocyanic acid, polymethylene polyphenylene ester (9016-87-9)</td>
<td>Rabbit</td>
<td>Acute Dermal Irritation/Corrosion</td>
<td></td>
<td></td>
<td>Mild skin irritant</td>
</tr>
</tbody>
</table>

Serious eye damage/eye irritation Causes serious eye irritation.

Respiratory or skin sensitization May cause sensitization by inhalation. May cause sensitization by skin contact.

Component Information

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Species</th>
<th>Exposure route</th>
<th>Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isocyanic acid, polymethylene polyphenylene ester (9016-87-9)</td>
<td>Guinea pig</td>
<td>Skin Sensitization</td>
<td>No sensitization responses were observed</td>
</tr>
<tr>
<td>OECD Test No. 429: Skin Sensitisation: Local Lymph Node Assay</td>
<td>Mouse</td>
<td></td>
<td>sensitizing</td>
</tr>
</tbody>
</table>

Germ cell mutagenicity No information available.

Carcinogenicity

The table below indicates whether each agency has listed any ingredient as a carcinogen.

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Australia</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isocyanic acid, polymethylene polyphenylene ester 9016-87-9</td>
<td>Carc. 2</td>
</tr>
<tr>
<td>Isobutane 75-28-5</td>
<td>Carc. 1A</td>
</tr>
<tr>
<td>Butane 106-97-8</td>
<td>Carc. 1A</td>
</tr>
</tbody>
</table>

Component Information

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Australia</th>
</tr>
</thead>
</table>
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Method | Species | Results
---|---|---
OECD Test No. 453: Combined Chronic Toxicity/Carcinogenicity Studies | Rat | Carcinogenic

Reproductive toxicity | No information available.
STOT - single exposure | May cause respiratory irritation.
STOT - repeated exposure | May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard | Not applicable.

Section 12: Ecological information

Ecotoxicity

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Algae/aquatic plants</th>
<th>Fish</th>
<th>Toxicity to Microorganisms</th>
<th>Crustacea</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isocyanic acid, polymethylenepolyphenylene ester 9016-87-9</td>
<td>ErC50 (72h) &gt;1640 mg/L (Algae (scenedesmus subspicatus) (OECD 201)</td>
<td>CL50 (96h) &gt;1000 mg/L (Danio rerio)</td>
<td>-</td>
<td>EC50 (24H) &gt;1000 mg/L Daphnia magna</td>
</tr>
<tr>
<td>Reaction mass of tris(2-chloropropyl) phosphate and tris(2-chloro-1-methylh yl) phosphate and Phosphoric acid, bis(2-chloro-1-methylh yl) 2-chloropropyl ester and Phosphoric acid, 2-chloro-1-methylh yl bis(2-chloropropyl) ester ECKNOWN</td>
<td>EC50 (72h) = 82 mg/L (Pseudokirchneriella subcapitata) OECD 201</td>
<td>LC50 (96h) = 56.2 mg/L (Pimephales promelas) Static</td>
<td>-</td>
<td>LC50 (48h) = 131 mg/L Daphnia magna</td>
</tr>
</tbody>
</table>

Persistence and degradability

Persistence and degradability | No information available.

Component Information

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Partition coefficient</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reaction mass of tris(2-chloropropyl) phosphate and tris(2-chloro-1-methylethyl) phosphate and Phosphoric acid, bis(2-chloro-1-methylethyl) 2-chloropropyl ester and</td>
<td>2.68</td>
</tr>
</tbody>
</table>

Bioaccumulative potential

Bioaccumulation | There is no data for this product.
Phosphoric acid, 2-chloro-1-methylethyl bis(2-chloropropyl) ester
ECKNOWN

<table>
<thead>
<tr>
<th>Isobutane</th>
<th>75-28-5</th>
<th>2.88</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propane</td>
<td>74-98-6</td>
<td>2.3</td>
</tr>
<tr>
<td>Butane</td>
<td>106-97-8</td>
<td>2.89</td>
</tr>
</tbody>
</table>

**Mobility**

**Mobility in soil**
No information available.

**Other Adverse Effects**
No information available.

**Section 13: Disposal considerations**

**Waste treatment methods**

**Waste from residues/unused products**
Should not be released into the environment. Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

**Contaminated packaging**
Do not reuse empty containers.

**Section 14: Transport information**

**ADG**

<table>
<thead>
<tr>
<th>UN Number</th>
<th>UN1950</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proper shipping name</td>
<td>Aerosols</td>
</tr>
<tr>
<td>Hazard Class</td>
<td>2.1</td>
</tr>
<tr>
<td>Special Provisions</td>
<td>63, 190, 277, 327, 344, 381</td>
</tr>
<tr>
<td>ADG Limited Quantity</td>
<td>See SP 277</td>
</tr>
<tr>
<td>Description</td>
<td>UN1950, Aerosols, 2.1</td>
</tr>
</tbody>
</table>

**IATA**

<table>
<thead>
<tr>
<th>UN number</th>
<th>UN1950</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transport hazard class(es)</td>
<td>2.1</td>
</tr>
<tr>
<td>ERG Code</td>
<td>10L</td>
</tr>
<tr>
<td>Special Provisions</td>
<td>A145, A167, A802</td>
</tr>
<tr>
<td>Limited Quantity (LQ)</td>
<td>30 kg G</td>
</tr>
<tr>
<td>Description</td>
<td>UN1950, Aerosols, flammable, 2.1</td>
</tr>
</tbody>
</table>

**IMDG**

<table>
<thead>
<tr>
<th>UN number</th>
<th>UN1950</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transport hazard class(es)</td>
<td>2.1</td>
</tr>
<tr>
<td>EmS-No.</td>
<td>F-D, S-U</td>
</tr>
<tr>
<td>Limited Quantity (LQ)</td>
<td>See SP277</td>
</tr>
<tr>
<td>Special Provisions</td>
<td>63, 190, 277, 327, 344, 381, 959</td>
</tr>
<tr>
<td>Marine Pollutant</td>
<td>No</td>
</tr>
<tr>
<td>Description</td>
<td>UN1950, Aerosols, 2.1</td>
</tr>
</tbody>
</table>

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
No information available
Section 15: Regulatory information

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

National Regulations

Australia
See section 8 for national exposure control parameters

Standard for Uniform Scheduling of Medicines and Poisons (SUSMP)
Classified as a scheduled poison according to the Standard for Uniform Scheduling of Medicines and Poisons (SUSMP)
Poison Schedule Number S6

Major hazard (accident/incident planning) regulation
Verify that license requirements are met

Hazardous chemical Compressed or liquefied gases of Division 2.1 or Subsidiary Risk 2.1
Threshold quantity (T) 200

National pollutant inventory
No substance(s) listed on inventory

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>National pollutant inventory</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isobutane 75-28-5</td>
<td>20 MW Threshold category 2b total 60000 MWH Threshold category 2b total 1 tonne/h Threshold category 2a total 25 tonne/yr Threshold category 1a total 400 tonne/yr Threshold category 2a total 2000 tonne/yr Threshold category 2b total</td>
</tr>
<tr>
<td>Propane 74-98-6</td>
<td>20 MW Threshold category 2b total 60000 MWH Threshold category 2b total 1 tonne/h Threshold category 2a total 25 tonne/yr Threshold category 1a total 400 tonne/yr Threshold category 2a total 2000 tonne/yr Threshold category 2b total</td>
</tr>
<tr>
<td>Butane 106-97-8</td>
<td>20 MW Threshold category 2b total 60000 MWH Threshold category 2b total 1 tonne/h Threshold category 2a total 25 tonne/yr Threshold category 1a total 400 tonne/yr Threshold category 2a total 2000 tonne/yr Threshold category 2b total</td>
</tr>
</tbody>
</table>

International Inventories

| AICS | Not Listed |
| NZIoC | Not Listed |
| ENCS | Not Listed |
| IECSC | Not Listed |
| KECL | Not Listed |
| PICCS | Not Listed |

Legend:
AICS - Australian Inventory of Chemical Substances
NZIoC - New Zealand Inventory of Chemicals
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances

International Regulations

The Montreal Protocol on Substances that Deplete the Ozone Layer Not applicable
SAFETY DATA SHEET

EXPANDA FOAM
Revision Number 2

The Stockholm Convention on Persistent Organic Pollutants  Not applicable

The Rotterdam Convention  Not applicable

Section 16: Any other relevant information

Prepared By  Product Safety & Regulatory Affairs
Revision date  16-Mar-2020

Revision note
The symbol (*) in the margin of this SDS indicates that this line has been revised.

Key or legend to abbreviations and acronyms used in the safety data sheet

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION
TWA  TWA (time-weighted average)
Ceiling  Maximum limit value
C  Carcinogen

Section 11: TOXICOLOGICAL INFORMATION
LD50 (lethal dose)

Section 12: Ecological information
EC50 (effective concentration)

Disclaimer
The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet