Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product Identifier

Product Name: BOSTIK ULTRASET ADHESIVE SF Brown
Pure substance/mixture: Mixture

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended use: Wood Flooring Adhesive.
Uses Advised Against: No information available.

1.3. Details of the supplier of the safety data sheet

Company Name: Bostik New Zealand Limited
19 Eastern Hutt Road Wingate,
Lower Hutt, New Zealand
Tel: 04-567 5119
Fax: 04-567 5412

Manufacturer: Bostik Australia Pty Ltd
51-71 High street,
Thomastown Victoria
Australia
Tel: 613 9279-9333
Fax: 613 9279-9342
24-hr Emergency: 1800 033 111

1.4. Emergency telephone number

Emergency Telephone: 24 Hr: 0800 243 622
Poison Centre: 0800 764 766

E-mail address: SDS.AP@Bostik.com

Section 2: HAZARD IDENTIFICATION

2.1. Classification of the substance or mixture

<table>
<thead>
<tr>
<th>Hazard Class</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin Corrosion/Irritation</td>
<td>Category 2 (6.3A)</td>
</tr>
<tr>
<td>Serious Eye Damage/Eye Irritation</td>
<td>Category 2A (6.4A)</td>
</tr>
<tr>
<td>Respiratory sensitization</td>
<td>Category 1A</td>
</tr>
<tr>
<td>Skin sensitization</td>
<td>Category 1A</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>Category 2 (6.7B)</td>
</tr>
<tr>
<td>Acute aquatic toxicity</td>
<td>Category 3 (9.1D)</td>
</tr>
<tr>
<td>Chronic aquatic toxicity</td>
<td>Category 3 (9.1C)</td>
</tr>
</tbody>
</table>

ERMA Group: HSR002679

2.2. Label Elements

Signal Word: DANGER

Hazard statements:
H315 - Causes skin irritation
H317 - May cause an allergic skin reaction
H319 - Causes serious eye irritation
H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled
H351 - Suspected of causing cancer
H412 - Harmful to aquatic life with long lasting effects

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
P264 - Wash face, hands and any exposed skin thoroughly after handling
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray
P285 - In case of inadequate ventilation wear respiratory protection
P272 - Contaminated work clothing should not be allowed out of the workplace
P280 - Wear protective gloves
P273 - Avoid release to the environment

Precautionary Statements - Response
P321 - Specific treatment (see supplemental first aid instructions on this label)

Inhalation
P304 + P341 - IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing
P342 + P311 - If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician

Skin
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

EYES
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

Precautionary Statements - Storage
P405 - Store locked up

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

2.3. Other Hazards

Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis and released upon curing

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances
Mixture

3.2 Mixtures

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>4,4'‐Methylene‐diphenyl‐diisocyanate</td>
<td>101-68-8</td>
<td>5 - &lt;10</td>
</tr>
<tr>
<td>Isocyanic acid, polymethylenepolyphenylene ester</td>
<td>9016-87-9</td>
<td>1 - &lt;5</td>
</tr>
<tr>
<td>Benzene, 1,1'‐methylenebis[4‐isocyanato‐, homopolymer</td>
<td>25686-28-6</td>
<td>1 - &lt;5</td>
</tr>
<tr>
<td>Calcium oxide</td>
<td>1305-78-8</td>
<td>1 - &lt;3</td>
</tr>
<tr>
<td>Butylamine (n‐)</td>
<td>109-73-9</td>
<td>1 - &lt;3</td>
</tr>
<tr>
<td>Benzenesulfonyl isocyanate, 4‐methyl‐</td>
<td>4083-64-1</td>
<td>0.1 - &lt;1</td>
</tr>
<tr>
<td>Benzene, 1iso‐cyanato‐2‐[(4‐isocyanatophenyl)methyl]‐</td>
<td>5873-54-1</td>
<td>0.1 - &lt;1</td>
</tr>
</tbody>
</table>

*** Any remaining ingredients are not hazardous

Section 4: FIRST AID MEASURES

4.1. Description of first aid measures

General Advice
If symptoms persist, call a physician. Do not breathe dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing.
Inhalation
Remove to fresh air. If breathing is irregular or stopped, administer artificial respiration. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Call a physician. Immediate medical attention is required. Move victim to fresh air. Administer oxygen if breathing is difficult. If breathing is irregular or stopped, administer artificial respiration. Artificial respiration and/or oxygen may be necessary. Oxygen or artificial respiration if needed. Immediate medical attention is not required. Move to fresh air in case of accidental inhalation of vapors. If symptoms persist, call a physician. Move to fresh air in case of accidental inhalation of vapors or decomposition products.

Skin Contact
Consult a physician if necessary. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Wash contaminated clothing before reuse. Wash off immediately with plenty of water. If symptoms persist, call a physician. If skin irritation persists, call a physician. Wash off immediately with soap and plenty of water. Immediate medical attention is not required.

Eye contact
Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician. Call a physician immediately.

Ingestion
Do NOT induce vomiting. Drink plenty of water. If symptoms persist, call a physician. Rinse mouth. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Clean mouth with water and drink afterwards plenty of water. Call a physician.

Self-Protection of the First Aider
Use personal protective equipment as required. Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.

4.2. Most important symptoms and effects, both acute and delayed
Symptoms
None known.

4.3. Indication of any immediate medical attention and special treatment needed
Note to physicians
May cause sensitization of susceptible persons. May cause sensitization by inhalation and skin contact. Treat symptomatically. Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis and released upon curing.

4.4. Reference to Other Sections
Reference to other sections
Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION. Section 11: TOXICOLOGY INFORMATION.

Section 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing media
Suitable Extinguishing Media

Unsuitable Extinguishing Media
No information available.

5.2. Special hazards arising from the substance or mixture
Specific Hazards Arising from the Chemical
In the event of fire and/or explosion do not breathe fumes. May cause sensitization by inhalation and skin contact. Thermal decomposition can lead to release of irritating and toxic gases and vapors. Thermal decomposition can lead to release of irritating and toxic gases and vapors. Keep product and empty container away from heat and sources of ignition. Risk of ignition.

5.3. Advice for firefighters
Special Protective Equipment for Fire-fighters
Wear self-contained breathing apparatus and protective suit.
Section 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal Precautions
Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Evacuate personnel to safe areas. Do not touch or walk through spilled material. Remove all sources of ignition. Keep people away from and upwind of spill/leak. Pay attention to flashback. Take precautionary measures against static discharges.

6.2. Environmental precautions

Environmental Precautions
Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. See Section 12 for additional Ecological Information.

6.3. Methods and material for containment and cleaning up

Methods for Containment
If possible, turn leaking containers so that gas escapes rather than liquid. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Transport to well ventilated area and treat with neutralizing solution: mixture of 80% water and 20% non-ionic surfactant Tergitol TMN-10; or 90% water, 3-8% concentrated ammonia and 2% detergent. Add about 10 parts of neutralizer per part of isocyanate, with mixing. Allow substance to evaporate.

Methods for cleaning up
Cover liquid spill with sand, earth or other non-combustible absorbent material. Use personal protective equipment as required. Dam up. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Take precautionary measures against static discharges.

6.4. Reference to other sections

Reference to other sections
Section 7: HANDLING AND STORAGE
Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION
Section 13: DISPOSAL CONSIDERATIONS

Section 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Advice on safe handling
Avoid contact with skin, eyes or clothing. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Use personal protective equipment as required. Do not breathe dust/fume/gas/mist/vapors/spray. Ensure adequate ventilation, especially in confined areas. Avoid breathing vapors or mists. Use with local exhaust ventilation. All equipment used when handling the product must be grounded. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors).

7.2. Conditions for safe storage, including any incompatibilities

General Hygiene Considerations
When using do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing is recommended.

Storage Conditions

Incompatible Materials
Water Alcohols Strong bases Strong oxidizing agents Finely powdered metals

7.3. Specific end use(s)

OTHER INFORMATION
No information available.
Safety Data Sheet

BOSTIK ULTRASET ADHESIVE SF Brown
Revision Date 15-Nov-2017
Version 1
Supersedes Date: 15-Nov-2017

7.4. References to Other Sections
Reference to other sections Section 13: DISPOSAL CONSIDERATIONS. Section 10: STABILITY AND REACTIVITY.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters
Exposure Limits

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>New Zealand</th>
<th>Australia</th>
<th>European Union</th>
</tr>
</thead>
<tbody>
<tr>
<td>4,4'-Methylene diisocyanate</td>
<td>TWA: 0.02 mg/m³ STEL: 0.07 mg/m³</td>
<td>0.02 mg/m³ TWA 0.07 mg/m³ STEL</td>
<td>-</td>
</tr>
<tr>
<td>Calcium oxide</td>
<td>TWA: 2 mg/m³</td>
<td>2 mg/m³ TWA</td>
<td>-</td>
</tr>
<tr>
<td>Butylamine (n-)</td>
<td>-</td>
<td>5 ppm Peak 15 mg/m³ Peak</td>
<td>-</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>NIOSH IDLH</th>
<th>OSHA PEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>4,4'-Methylene diisocyanate</td>
<td>TWA: 0.005 ppm</td>
<td>IDLH: 75 mg/m³ Ceiling: 0.020 ppm 10 min Ceiling: 0.2 mg/m³ 10 min TWA: 0.005 ppm TWA: 0.05 mg/m³</td>
<td>Ceiling: 0.02 ppm Ceiling: 0.2 mg/m³</td>
</tr>
<tr>
<td>Calcium oxide</td>
<td>TWA: 2 mg/m³</td>
<td>IDLH: 25 mg/m³ TWA: 2 mg/m³</td>
<td>TWA: 5 mg/m³</td>
</tr>
<tr>
<td>Butylamine (n-)</td>
<td>S* Ceiling: 5 ppm</td>
<td>IDLH: 900 ppm Ceiling: 5 ppm Ceiling: 15 mg/m³</td>
<td>Ceiling: 5 ppm Ceiling: 15 mg/m³ S*</td>
</tr>
</tbody>
</table>

Derived No Effect Level (DNEL) No information available
Predicted No Effect Concentration (PNEC) No information available

OTHER INFORMATION Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis and released upon curing

8.2. Exposure controls
Engineering Controls Ensure adequate ventilation, especially in confined areas.

PPE - Personal Protection Equipment
Eye/Face Protection Wear safety glasses with side shields (or goggles).
Skin and Body Protection Wear suitable protective clothing. No special technical protective measures are necessary under normal conditions.
Hand Protection Wear suitable chemical resistant gloves. The selection of suitable gloves does not only depend on the material, but also on further marks of quality and various manufacturers.
Respiratory Protection No protective equipment is needed under normal use conditions. Respiratory protection required in insufficiently ventilated working areas and during spraying. An air-fed mask, or for short periods of work, a combination of professional filter is recommended.
General Hygiene Considerations Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Avoid contact with skin, eyes or clothing. Take off contaminated clothing and wash before reuse.

Environmental Exposure Controls Do not allow into any sewer, on the ground or into any body of water.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties
BOSTIK ULTRASET ADHESIVE SF Brown

Appearance: Thixotropic Paste
Color: Brown
Odor: Negligible
Odor Threshold: No information available

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks • Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Melting point / freezing point</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Boiling Point</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Flash Point</td>
<td>&gt; 100 °C / &gt; 212 °F</td>
<td></td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Flammability Limit in Air</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Upper Flammability Limit</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Lower Flammability Limit</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Vapor Density</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Relative Density</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Water Solubility</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Solubility in Other Solvents</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Partition Coefficient</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Autoignition Temperature</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Kinematic Viscosity</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Dynamic Viscosity</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Explosive Properties</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Oxidizing Properties</td>
<td>No information available</td>
<td></td>
</tr>
</tbody>
</table>

9.2. Other information

Softening Point: No information available
Molecular Weight: No information available
Solvent content (%): No information available
Solid content (%): No information available
Density: 1.3 g/cm²
Bulk Density: No information available
VOC: < 1 LB/GAL

Section 10: STABILITY AND REACTIVITY

10.1. Reactivity

Reactivity: None under normal use conditions.

10.2. Chemical stability

10.3. Possibility of hazardous reactions

Possibility of Hazardous Reactions: None under normal processing.
Hazardous Polymerization: Hazardous polymerization may occur.

10.4. Conditions to avoid

Conditions to avoid: Keep from any possible contact with water. Extremes of temperature and direct sunlight. Storage near to reactive materials. Heat, flames and sparks. Protect from moisture. Product cures with moisture.

10.5. Incompatible materials


10.6. Hazardous decomposition products
Section 11: TOXICOLOGY INFORMATION

11.1. Information on toxicological effects

Acute Toxicity

Product Information

Product does not present an acute toxicity hazard based on known or supplied information.

Inhalation

No data available.

Eye contact

No data available.

Skin Contact

No data available.

Ingestion

No data available.

Numerical measures of toxicity

Unknown acute toxicity

25.10886799 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
25.10886799 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
36.08683799 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
36.08683799 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
26.28926799 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

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>4,4'-Methylenediphenyl disocyanate 101-68-8</td>
<td>=31600 mg/kg (Rat) = 9200 mg/kg (Rat)</td>
<td>LD 50 &gt; 9400 mg/kg (Rabbit) OECD 402</td>
<td>= 1.5 mg/L (Rat) 4 h</td>
</tr>
<tr>
<td>Isocyanic acid, polymethylene polyphenylene ester 9016-87-9</td>
<td>LD 50 &gt; 10000 mg/kg (Rat)</td>
<td>LD 50 &gt; 9400 mg/kg (Rabbit)</td>
<td>= 1.5 mg/m³ (Rat) 4 h</td>
</tr>
<tr>
<td>Benzene, 1,1'-methylenebis[4-isocyanato-, homopolymer 25686-28-6</td>
<td>LD50 &gt;6000 mg/Kg Rat</td>
<td>LD50 &gt;9400 mg/Kg (Rabbit)</td>
<td>LC50 (4h) = 0.367 mg/l (Rat) OECD 403</td>
</tr>
<tr>
<td>Calcium oxide 1305-78-8</td>
<td>&gt;2000 mg/kg (Rat)</td>
<td>LD50 &gt; 2500 mg/kg (rabbit)</td>
<td>-</td>
</tr>
<tr>
<td>Butylamine (n-) 109-73-9</td>
<td>= 366 mg/kg (Rat)</td>
<td>= 850 µL/kg (Rabbit)</td>
<td>2000 - 4000 ppm (Rat) 4 h</td>
</tr>
<tr>
<td>Benzenesulfonyl isocyanate, 4-methyl 4083-64-1</td>
<td>= 2234 mg/kg (Rat)</td>
<td>-</td>
<td>&gt; 640 ppm (Rat) 1 h</td>
</tr>
<tr>
<td>1-isocyanato-2-[(4-isocyanatophenyl)methyl]- 5873-54-1</td>
<td>LD50 &gt;2000 mg/Kg (Rat)</td>
<td>LD 50 &gt; 9400 mg/kg (Rabbit) OECD 402</td>
<td>= 1.5 mg/L (4h) Rat</td>
</tr>
</tbody>
</table>

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

Skin Corrosion/Irritation

No information available.

Serious Eye Damage/Eye Irritation

No information available.

Sensitization

No information available.

Germ Cell Mutagenicity

No information available.

Reproductive Toxicity

No information available.

STOT - Single Exposure

No information available.

STOT - Repeated Exposure

No information available.

Target Organ Effects

Respiratory system, Eyes, Skin, Central nervous system.

Aspiration hazard

No information available.

Carcinogenicity

The following substance(s) are classified in Annex VI CLP (1272/2008) as carcinogenic.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>IARC</th>
<th>China</th>
<th>Japan</th>
</tr>
</thead>
<tbody>
<tr>
<td>4,4'-Methylenediphenyl</td>
<td>Group 3</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>
## Section 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

#### Ecotoxicity

**Product Information**
Harmful to aquatic life with long lasting effects.

**Component Information**
Data obtained on the component(s) include

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Algae/aquatic plants</th>
<th>Fish</th>
<th>Crustacea</th>
</tr>
</thead>
<tbody>
<tr>
<td>4,4’-Methylenediphenyl disocyanate</td>
<td>-</td>
<td>&gt;1000 mg/L (Danio rerio)</td>
<td>-</td>
</tr>
<tr>
<td>Isocyanic acid, polymethylene-polyphenylene 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 Fish (Danio rerio)</td>
<td>EC50 (24H) &gt; 1000 mg/L Daphnia magna</td>
</tr>
<tr>
<td>Benzene, 1,1'-methylenebis[4-isocyanato-, homopolymer 25686-28-6</td>
<td>EC50 (72h) &gt; 1640 mg/L (Algae)</td>
<td>LC50 (96h) &gt; 1000 mg/L Fish</td>
<td>-</td>
</tr>
<tr>
<td>Calcium oxide 1305-78-8</td>
<td>-</td>
<td>LC50 96 h = 50.6 mg/L (Oncorhynchus mykiss)</td>
<td>EC50 (48h) = 49.1 mg/L(Daphnia magna OECD 202)</td>
</tr>
<tr>
<td>Butylamine (n-) 109-73-9</td>
<td>-</td>
<td>LC50 96 h = 268 mg/L (Pimephales promelas flow-through) LC50 96 h = 32 mg/L (Lepomis macrochirus static) LC50 96 h = 26.8 mg/L (Pimephales promelas flow-through) LC50 96 h = 32 mg/L (Lepomis macrochirus semi-static)</td>
<td>EC50 24 h = 43 mg/L (Daphnia magna ) EC50 24 h = 75 mg/L (Daphnia magna Static)</td>
</tr>
<tr>
<td>Benzene, 1-isocyanato-2-[4-isocyanatophenylmethyl]- 5873-54-1</td>
<td>-</td>
<td>LC50 (96 h) &gt; 1000 mg/L (Danio rerio) OECD 203</td>
<td>-</td>
</tr>
</tbody>
</table>

### 12.2. Persistence and degradability

No information available.

### 12.3. Bioaccumulative potential

No information available.

### 12.4. Mobility in soil

No information available.

### 12.5. Results of PBT and vPvB assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

### 12.6. Other adverse effects

No information available.
Section 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

| Waste from Residues/Unused Products | Disposal should be in accordance with applicable regional, national and local laws and regulations. |
| Contaminated Packaging                | Disposal should be in accordance with applicable regional, national and local laws and regulations. |

Section 14: TRANSPORTATION INFORMATION

<table>
<thead>
<tr>
<th>Mode</th>
<th>Regulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>IMDG</td>
<td>Not regulated</td>
</tr>
<tr>
<td>IATA</td>
<td>Not regulated</td>
</tr>
<tr>
<td>ADR</td>
<td>Not regulated</td>
</tr>
</tbody>
</table>

Section 15: REGULATORY INFORMATION

National Regulations

Section 16: OTHER INFORMATION

Chronic Hazard Star Legend  
* = Chronic Health Hazard

Key or legend to abbreviations and acronyms used in the safety data sheet
No information available

Key Literature References and Sources for Data
No information available

Prepared By  
Product Safety & Regulatory Affairs

Revision Date  
15-Nov-2017

Revision Note  
Not applicable.

Training Advice  
No information available

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