

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name:** **BEVEDOL**

**Other name(s):** BEVEDOL S; BEVEDOL SX; BEVEDOL WF; BEVEDOL WFA; BEVEDOL NK

**Recommended Use of the Chemical and Restrictions on Use** Part A of a two component polyurethane system.

**Supplier:** Orica Australia Pty Ltd trading as Minova Australia  
**ABN:** 99 004 117 828  
**Street Address:** George Booth Drive,  
Kurri Kurri, NSW 2327  
Australia

**Telephone Number:** 1300 MINOVA (1300 646 682)  
**Facsimile:** 1300 FAXMINOVA (1300 329 646)  
**Website:** www.minovaglobal.com

**Emergency Telephone:** **1800 033 111 (ALL HOURS)**

Please ensure you refer to the limitations of this Safety Data Sheet as set out in the "Other Information" section at the end of this Data Sheet.

## 2. HAZARDS IDENTIFICATION

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; NON-DANGEROUS GOODS.

Based on available information, not classified as hazardous according to Safe Work Australia; NON-HAZARDOUS CHEMICAL.

**Poisons Schedule (SUSMP):** S7 Dangerous Poison.

## 3. COMPOSITION AND INFORMATION ON INGREDIENTS

| Components   | CAS Number | Proportion | Hazard Codes                             |
|--|------------|------------|--|
| Stannane, dibutyl-, bis(C8-18 and C18-unsatd. fatty acyloxy) derivs. | 85508-00-5 | <0.3%      | H314, H317, H341, H360, H370, H372, H410 |
| Ingredients determined not to be hazardous                           | -          | to 100%    | -  |

## 4. FIRST AID MEASURES

For advice, contact a Poisons Information Centre (e.g. phone Australia 131 126; New Zealand 0800 764 766) or a doctor.

### Inhalation:

Remove victim from area of exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

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## **Skin Contact:**

If skin or hair contact occurs, remove contaminated clothing and wash skin and hair with soap and water. If irritation occurs seek medical advice.

## **Eye Contact:**

If in eyes, wash out immediately with water. In all cases of eye contamination it is a sensible precaution to seek medical advice.

## **Ingestion:**

Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water. Seek medical advice.

## **Indication of immediate medical attention and special treatment needed:**

Treat symptomatically.

## **5. FIRE FIGHTING MEASURES**

### **Suitable Extinguishing Media:**

Fine water spray, normal foam, dry agent (carbon dioxide, dry chemical powder).

### **Specific hazards arising from the chemical:**

Combustible liquid. On burning will emit toxic fumes, including those of oxides of carbon, oxides of nitrogen and oxides of phosphorus.

### **Special protective equipment and precautions for fire-fighters:**

Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion. Keep containers cool with water spray.

## **6. ACCIDENTAL RELEASE MEASURES**

### **Emergency procedures/Environmental precautions:**

Clear area of all unprotected personnel. If contamination of sewers or waterways has occurred advise local emergency services.

### **Personal precautions/Protective equipment/Methods and materials for containment and cleaning up:**

Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contact and breathing in vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal.

## **7. HANDLING AND STORAGE**

Classified as a C2 (COMBUSTIBLE LIQUID) for the purpose of storage and handling, in accordance with the requirements of AS 1940. Refer to State Regulations for storage and transport requirements.

This material is a Scheduled Poison S7 and must be stored, maintained and used in accordance with the relevant regulations.

### **Precautions for safe handling:**

Avoid skin and eye contact and breathing in vapour, mists and aerosols.

### **Conditions for safe storage, including any incompatibilities:**

Store in a cool, dry, well ventilated place and out of direct sunlight. Store away from sources of heat or ignition. Store away from foodstuffs. Protect from moisture. Store away from incompatible materials described in Section 10. Keep containers closed when not in use - check regularly for leaks.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control Parameters:** No value assigned for this specific material by Safe Work Australia. However, Workplace Exposure Standard(s) for constituent(s):

Tin, organic compounds (as Sn): 8hr TWA = 0.1 mg/m<sup>3</sup>, 15 min STEL = 0.2 mg/m<sup>3</sup>, Sk, see Note (g)

As published by Safe Work Australia Workplace Exposure Standards for Airborne Contaminants.

TWA - The time-weighted average airborne concentration of a particular substance when calculated over an eight-hour working day, for a five-day working week.

STEL (Short Term Exposure Limit) - the airborne concentration of a particular substance calculated as a time-weighted average over 15 minutes, which should not be exceeded at any time during a normal eight hour work day. According to current knowledge this concentration should neither impair the health of, nor cause undue discomfort to, nearly all workers.

Notes (a) to (o) - refer to Safe Work Australia document 'Workplace Exposure Standards for Airborne Contaminants, Date of Effect: 18 April 2013'.

These Workplace Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These workplace exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

### Appropriate engineering controls:

Ensure ventilation is adequate to maintain air concentrations below Workplace Exposure Standards. Keep containers closed when not in use.

If in the handling and application of this material, safe exposure levels could be exceeded, the use of engineering controls such as local exhaust ventilation must be considered and the results documented. If achieving safe exposure levels does not require engineering controls, then a detailed and documented risk assessment using the relevant Personal Protective Equipment (PPE) (refer to PPE section below) as a basis must be carried out to determine the minimum PPE requirements.

### Individual protection measures, such as Personal Protective Equipment (PPE):

The selection of PPE is dependent on a detailed risk assessment. The risk assessment should consider the work situation, the physical form of the chemical, the handling methods, and environmental factors.

OVERALLS, SAFETY SHOES, SAFETY GLASSES, GLOVES.



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Wear overalls, safety glasses and impervious gloves. If determined by a risk assessment an inhalation risk exists, wear an organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|   |                     |
|---|---------------------|
| <b>Physical state:</b>                  | Liquid              |
| <b>Colour:</b>                          | Pale Honey coloured |
| <b>Solubility:</b>                      | Insoluble in water. |
| <b>Specific Gravity:</b>                | 1.03-1.04           |
| <b>Relative Vapour Density (air=1):</b> | Not available       |
| <b>Vapour Pressure (20 °C):</b>         | <100 mbar           |
| <b>Flash Point (°C):</b>                | >200                |
| <b>Flammability Limits (%):</b>         | Not available       |
| <b>Autoignition Temperature (°C):</b>   | >300                |
| <b>% Volatile by Weight:</b>            | Not available       |
| <b>Solubility in water (g/L):</b>       | Insoluble           |
| <b>Boiling Point/Range (°C):</b>        | >200                |
| <b>Decomposition Point (°C):</b>        | Not available       |
| <b>pH:</b>                              | Not available       |
| <b>Viscosity:</b>                       | 210-350 cSt         |
| <b>Evaporation Rate:</b>                | Not available       |

## 10. STABILITY AND REACTIVITY

|  |  |
|--|--|
| <b>Reactivity:</b>                         | No information available.                                    |
| <b>Chemical stability:</b>                 | Stable under normal conditions of use.                       |
| <b>Possibility of hazardous reactions:</b> | Hazardous polymerisation will not occur.                     |
| <b>Conditions to avoid:</b>                | Avoid exposure to heat, sources of ignition, and open flame. |
| <b>Incompatible materials:</b>             | Incompatible with strong oxidising agents, acids and bases.  |
| <b>Hazardous decomposition products:</b>   | Oxides of carbon. Oxides of nitrogen. Oxides of phosphorus.  |

## 11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

|                      |  |
|----------------------|--|
| <b>Ingestion:</b>    | Swallowing may result in nausea, vomiting, diarrhoea and abdominal pain. |
| <b>Eye contact:</b>  | May be an eye irritant.  |
| <b>Skin contact:</b> | Contact with skin will result in mild irritation.                        |
| <b>Inhalation:</b>   | Breathing in vapour may produce respiratory irritation.                  |

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## Acute toxicity:

Average Toxicity Estimate (ATE mix, oral): >2,000 mg/kg

**Skin corrosion/irritation:** Mild irritant. The product has not been tested; the classification is based on the components of the mixture.

**Serious eye damage/irritation:** Not classified. The product has not been tested; the classification is based on the components of the mixture.

**Respiratory or skin sensitisation:** Not classified. The product has not been tested; the classification is based on the components of the mixture.

**Chronic effects:** No information available for the product.

**Mutagenicity:** Not classified.

**Carcinogenicity:** Not classified.

**Reproductive toxicity:** Not classified.

**Specific Target Organ Toxicity (STOT) - single exposure:** Not classified.

**Specific Target Organ Toxicity (STOT) - repeated exposure:** Not classified.

**Aspiration hazard:** Not classified.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity** Avoid contaminating waterways.

**Aquatic toxicity:** Harmful to aquatic organisms. May cause long lasting harmful effects to aquatic life.

## 13. DISPOSAL CONSIDERATIONS

### Disposal methods:

Refer to Waste Management Authority. Dispose of contents and container in accordance with local, regional, national, international regulations.

## 14. TRANSPORT INFORMATION

### Road and Rail Transport

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; NON-DANGEROUS GOODS.

### Marine Transport

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; NON-DANGEROUS GOODS.

### Air Transport

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air; NON-DANGEROUS GOODS.

## 15. REGULATORY INFORMATION

### Classification:

Based on available information, not classified as hazardous according to Safe Work Australia; NON-HAZARDOUS CHEMICAL.

Product Name: BEVEDOL  
Substance No: 000000052028

Issued: 21/06/2018  
Version: 3

# Safety Data Sheet



Poisons Schedule (SUSMP): S7 Dangerous Poison.

## 16. OTHER INFORMATION

This safety data sheet has been prepared by Ixom Operations Pty Ltd (Toxicology & SDS Services).

### Reason(s) for Issue:

Revised Primary SDS  
Change to Poisons Requirements  
Updated Formulation  
Change in Handling & Storage Requirements  
Change in Exposure Controls  
Update in Toxicological Information  
Change in Ecological Information

This SDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since The Supplier cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material.

If clarification or further information is needed, the user should contact their Supplier representative or The Supplier at the contact details on page 1.

The Supplier's responsibility for the material as shipped is subject to the terms and conditions of sale, a copy of which is available upon request.