

# MATERIAL SAFETY DATA SHEET

In Accordance with regulation 453/2010

Product Name: **Microstat 16**

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Issue Date: Sept 2019

Version: 5

## **SECTION 1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND OF THE COMPANY/ UNDERTAKING**

### 1.1. **Product identifier**

**Trade Name:** Microstat 16

**Article No.:** n.av.

**Preparation No.:** n.av.

**Registration No.:** n.av.

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

Use: Neucleating agent

### 1.3. **Details of the supplier of the safety data sheet**

#### **Address of the Company / Supplier:**

Micronisers Pty Ltd., 6-8 England Street, Dandenong VIC 3175, Australia

Telephone: +613-9768-3277, Telefax: +613-9768-3986, E-Mail: info@micronisers.com

#### **Responsible for the data sheet:**

Micronisers Pty Ltd., 6-8 England Street, Dandenong VIC 3175, Australia

Telephone: +613-9768-3277, Telefax: +613-9768-3986, E-Mail: info@micronisers.com

### 1.4. **Emergency telephone number**

Emergency - Telephone of Company / Undertaking Information Centre Specializing in Symptoms of Poisoning

Telephone: +41-71-955-1111 (8:00 – 16:30) Telephone: +44 870 600 6266

## **SECTION 2. HAZARDS IDENTIFICATION**

**Hazard Classification:** Hazardous according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) substance

**Hazard Categories:** Serious Eye Damage/Irritation – Category 2A



Pictograms:

Signal Ward: Warning

Hazard Statements: H319 Causes serious eye irritation

Precautionary Statements      Prevention      P264 Wash Hands thoroughly after handling  
P280 wear protective gloves/eye protection/ face protection

Response      P305 + P352 + 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

## **SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS**

**Substances:** Sodium Benzoate

CAS - No.	Material	m% - range	R / H - phrases
532-32-1	Sodium Benzoate	99.0-100.0%	H319

## **SECTION 4. FIRST AID MEASURES**

**Ingestion:** Do not induce vomiting unless to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt of waistband. Get medical attention if symptoms appear.

**Eye:** Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water can be used. Get medical attention.

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**Skin:** Wash with soap and water and rinse thoroughly. Remove contaminated clothing and wash before re-use. Seek medical advice if effects persist.

**Inhalation:** If dust, fumes or products of combustion are inhaled, remove to fresh air and make comfortable. Keep warm and rested. Seek medical advice if effects persist.

**Advice to doctor:** Treat symptomatically.

## SECTION 5. FIRE FIGHTING MEASURES

### 5.1 Extinguishing media

#### 5.1.1 Suitable Extinguishing Media:

SMALL FIRE: Use DRY chemical powder

LARGE FIRE: Use water spray, fog or foam

#### 5.1.2 Extinguishing Media to Avoid:

Use extinguishing media suited to the primary source of the fire.

### 5.2 Special hazards arising from the substance or mixture

Combustible solid. As with most organic solids, fires possible at elevated temperatures or by contact with an ignition source. Fine dust dispersed in air in sufficient concentrations, and in the presence on an ignition sources is a potential dust explosion hazard. Incompatible with strong oxides, acids, ferric salts, and sources of ignition. Thermal decomposition may produce carbon dioxide, carbon monoxide, sodium oxides, and/or benzoic acid.

### 5.3 Advice for firefighters

#### 5.3.1 Special Protective Equipment:

Wear positive pressure self-contained breathing apparatus. Wear full protective clothing.

#### 5.3.2 Additional Information:

This material is a combustible solid; use extinguishing media appropriate for surrounding fire.

Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations

## SECTION 6. ACCIDENTAL RELEASE MEASURES

**Emergency procedures:** Ensure adequate ventilation. Avoid causing dusts. Wear protective equipment to prevent breathing of dusts and eye contamination.

**Clean up:** Collect mechanically and seal in properly labelled drums for disposal. Wash area with excess water.

## SECTION 7. HANDLING AND STORAGE

**Precautions for safe handling:**

Use with adequate ventilation. Avoid generating dusts.

**Conditions for safe storage:**

Keep containers closed when not in use.

## SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

**National exposure** No exposure standard has not been established for this product by Australian Safety Occupational and Compensation Council (ASCC). However the exposure standards for dust not otherwise specified is 10mg/m<sup>3</sup> (for respirable dust) and 3mg/m<sup>3</sup> (for respirable dust)

**Engineering controls:** Ensure adequate ventilation.

**Personal protective equipment:** Respiratory Protection: If risk of inhalation dusts exists, wear a particulate respirator complying with AS/NZS 1715/1716.

Eye Protection: Tightly sealed safety glasses (do not wear contact lenses) (Refer AS 1337).

Hand protection PVC, neoprene or nitrile rubber gloves.

Body protection Overalls or similar protective apparel.

**Hygiene measures:** Wash hands and face before smoking, eating, drinking or using the toilet.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** White powder

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**Odour:** Odourless  
**pH:** Not applicable  
**Vapour pressure:** Not applicable  
**Vapour density:** Not applicable  
**Boiling point / range:** Not applicable  
**Melting point:** Above 300 °C (Softening point)  
**Solubility (water):** Approximately 55% at 20°C  
**Flash Point:** Not applicable.  
**Flammability:** Not flammable.  
**Self-ignition temperature:** Not self-igniting.  
**Oxidising properties:** Not an oxidiser.

## **SECTION 10. STABILITY AND REACTIVITY**

**Chemical stability:** Stable at normal temperature and pressure.  
**Incompatible materials:** Strong acids, bases and oxidizing agents.

## **SECTION 11. TOXICOLOGICAL INFORMATION**

**Inhalation:** Dusts may irritate mucous membrane and respiratory tract.  
**Ingestion:** May be harmful if swallowed in quantity.  
**Skin:** May be mildly irritating to the skin when in contact with perspiration.  
**Eye:** Data suggest that this product should be classified as a transient eye irritant. However, permanent eye damage should not be expected.

## **SECTION 12. ECOLOGICAL INFORMATION**

**Ecotoxicity:** Pimephalates promelas (Fathead minnow) LC50/96hr: 484mg/L  
**Persistence/Degradability:** Result: 84% - Readily Biodegradable  
**Mobility:** No information is available on the mobility of this product. Soluble in water  
**Environmental Fate:** Do not allow this product reach waterways, drains and sewers

## **SECTION 13. DISPOSAL CONSIDERATIONS**

**Product:** Must not be disposed of together with household garbage.  
**Uncleaned packaging:** Dispose of according to local regulations.

## **SECTION 14. TRANSPORT INFORMATION**

**Land transport ADR/RID and GGVS/GGVE (cross border / domestic):** Not restricted  
**ADR/RID and GGVS/GGVE Class:** Not applicable.  
**Road and Rail Transport: [Australian Dangerous Goods (ADG) Code]** Not classified  
**International Air Transport Association (IATA ) :** **NOT DANGEROUS /NOT RESTRICTED**

## **SECTION 15. REGULATORY INFORMATION**

**Labelling according to EC directives and NOHSC (Australia):**  
**Symbol:**None  
**R Phrases:** None  
**S phrases:** None

## **SECTION 16. OTHER INFORMATION**

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