

Safety Data Sheet (SDS)



1. Product Identification

- Product Name: OPTiX D-Bug
- Synonyms: D-Bug
- Uses: ALKALINE DETERGENT

1.3 Supplier Information

- Supplier Name: OPTiX Nano Technologies
- Address: Unit 21/5 Hines Road, O'Connor WA, AUSTRALIA
- Telephone: (08) 61808767
- Fax: Not available
- Email: info@autofxwa.com.au
- Website: <http://www.optix.net.au>

1.4 Emergency Telephone Numbers

- Poison Information Centre: 13 11 26

2. Hazards Identification

2.1 Classification of the Substance or Mixture

- Classified as Hazardous according to Safe Work Australia Criteria
- Physical Hazards: Not classified as a Physical Hazard
- Health Hazards: Carcinogenicity Category 2
- Environmental Hazards: Not classified as an Environmental Hazard

2.2 GHS Label Elements

- Signal Word: WARNING
- Pictograms: None
- Hazard Statements:
 - H351: Suspected of causing cancer.
- Prevention Statements:

- 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.
- Response Statements:
 - P308 + P313: IF exposed or concerned: Get medical advice/attention.
- Storage Statements:
 - P405: Store locked up.
- Disposal Statements:
 - P501: Dispose of contents/container in accordance with relevant regulations.

2.3 Other Hazards: No information provided.

3. Composition/Information on Ingredients

3.1 Substances/Mixtures

- 2-BUTOXYETHANOL: <10%
- TRISODIUM NITRILOTRIACETATE: <5%
- SODIUM HYDROXIDE: <3%
- WATER: Remainder
- NON HAZARDOUS INGREDIENTS: 10 to <30%

4. First Aid Measures

4.1 Description of First Aid Measures

- Eye: Flush continuously with running water for at least 15 minutes. Seek medical advice.
- Inhalation: Remove from contaminated area. Apply artificial respiration if not breathing.
- Skin: Remove contaminated clothing and flush skin and hair with running water. Seek medical advice if needed.
- Ingestion: Do not induce vomiting. Contact a Poison Information Centre or doctor immediately.
- First Aid Facilities: Eye wash facilities and normal washroom facilities should be available.

4.2 Most Important Symptoms and Effects: May cause irritation to the eyes, skin, and respiratory system.

4.3 Immediate Medical Attention: Treat symptomatically.

5. Fire Fighting Measures

5.1 Extinguishing Media: Use an extinguishing agent suitable for the surrounding fire.

5.2 Special Hazards: Non-flammable. May release carbon oxides and hydrocarbons when heated.

5.3 Advice for Firefighters: Wear full protective equipment, including Self Contained Breathing Apparatus (SCBA). Use water fog to cool containers.

6. Accidental Release Measures

6.1 Personal Precautions: Wear Personal Protective Equipment (PPE) as detailed in section 8.

6.2 Environmental Precautions: Prevent product from entering drains and waterways.

6.3 Methods of Cleaning Up: Mop up if spilled. Caution: Spill site may be slippery.

6.4 Reference to Other Sections: See Sections 8 and 13 for exposure controls and disposal.

7. Handling and Storage

7.1 Precautions for Safe Handling: Follow product label instructions. Use safe work practices to avoid contact and inhalation. Prohibit eating, drinking, and smoking in contaminated areas.

7.2 Conditions for Safe Storage: Store in a cool, dry, well-ventilated area. Keep away from incompatible substances. Ensure proper labelling and sealing of containers.

8. Exposure Controls/Personal Protection

8.1 Control Parameters: See specific exposure standards for ingredients in section 8.1.

8.2 Exposure Controls: Use in well-ventilated areas. Wear appropriate PPE as described in section 8.

9. Physical and Chemical Properties

- Appearance: ORANGE COLOURED LIQUID

- Odor: CITRUS ODOUR

- Flammability: NON FLAMMABLE

- Flash Point: NOT RELEVANT

- Boiling Point: 105°C to 110°C

- Melting Point: NOT AVAILABLE

Version 1

4-10-2023

- pH: 10.2 to 10.9
- Solubility (water): SOLUBLE
- Relative Density: 1.10 to 1.20

10. Stability and Reactivity

- 10.1 Reactivity: Stable under recommended conditions of storage.
- 10.2 Chemical Stability: Polymerization is not expected to occur.
- 10.4 Conditions to Avoid: Avoid heat, sparks, open flames, and other ignition sources.
- 10.5 Incompatible Materials: Incompatible with oxidizing agents and acids.
- 10.6 Hazardous Decomposition Products: May evolve carbon oxides and hydrocarbons when heated.

11. Toxicological Information

- See section 11.1 for information on toxicological effects.

12. Ecological Information

- No information provided.

13. Disposal Considerations

- 13.1 Waste Treatment Methods: Reuse if possible. Dispose of according to relevant local legislation.

14. Transport Information

- Not classified as a dangerous good.

15. Regulatory Information

- No specific regulatory information provided.

16. Other Information

- Additional information: Refer to respirator guidelines, workplace controls, and practices.
- Abbreviations and Definitions: Provided in the document.

END of SDS