1. Identification of the substance/preparation and of the company/undertaking

- **Product name:** Blue Sky Eco
- **Company/undertaking identification:** Brenntag Australia Pty Ltd
  262 Highett Road, Highett, VIC. 3190.
- **E-mail address of person responsible for this SDS:** john.watson@brenntag-asia.com
- **Emergency telephone number:** 1800 033 111

2. Hazards identification

Blue Sky Eco (AdBlue®) is not classified as dangerous according to the Australian standard NOHSC1008. There are no additional ingredients present which, within the current knowledge of Blue Sky Eco and in the concentrations applicable, are not classified as hazardous to health or the environment and hence require reporting in this section. **Occupational exposure limits, if available, are listed in section 8.**

3. First-aid measures

- **Ingestion:** If large quantities of this material are swallowed, call a physician immediately. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.
- **Eye contact:** In case of contact with eyes, rinse immediately with plenty of water. Get medical attention if irritation occurs.
- **Protection of first-aiders:** No action shall be taken involving any personal risk or without suitable training.

**See section 11 for more detailed information on health effects and symptoms.**

4. Fire-fighting measures

- **Extinguishing media:** In case of fire, use water spray (fog), foam, dry chemical or CO₂.
- **Suitable:** Use an extinguishing agent suitable for the surrounding fire.
- **Hazardous thermal decomposition products:** These products are carbon oxides (CO, CO₂), nitrogen oxides (NO, NO₂ etc.), (NH₃).
- **Special protective equipment for fire-fighters:** Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
5. Accidental release measures

**Personal precautions:** Follow all fire-fighting procedures (section 5).

**Environmental precautions and clean-up methods:**

Avoid contact of spilled material and runoff with soil and water courses.

Absorb with DRY sand or other non-combustible material. Use a suitable tool to scoop up solid or absorbed material and place into appropriate labeled waste container. Avoid creating dusty conditions and prevent wind dispersal. Keep out of waterways. See section 13 for waste disposal information.

Note: see section 8 for personal protective equipment and section 13 for waste disposal.

6. Handling and storage

**Handling:**

Avoid contact with eyes, skin and clothing. Ensure that eyewash stations and safety showers are close to the workstation location.

**Storage:**

Keep container tightly closed. Keep container in a cool, well-ventilated area. Keep away from heat and direct sunlight.

**Packaging materials Recommended:**

Use original container.

7. Exposure controls/personal protection

**Exposure controls**

**Respiratory protection:**

Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

**Hand protection:**

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. >8 hours (breakthrough time): butyl rubber, natural rubber (latex), nitrile rubber

**Eye protection:**

Recommended: Safety Glasses with side shields; Chemical Goggles or contact lenses. (Check lenses will not absorb concentrate irritants)

**Hands Feet protection:**

Use long sleeve shirts and gloves if regular exposure expected; Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Ensure eyewash and wash down facilities are located close to the working environment. Personal protective equipment for the body should be selected based on the task being performed and the risks involved.

**Other Coveralls:**

Barrier cream; Plastic Apron, Gumboots
8. Physical and chemical properties

**Stability:** Stable under recommended storage and handling conditions (see section 7).

**Conditions to avoid:** Urea reacts with calcium hypochlorite or sodium hypochlorite to form the explosive nitrogen trichloride.

**Materials to avoid:** Highly reactive or incompatible with the following materials: oxidizing materials, acids and alkalis.

**Hazardous decomposition products:** These products are carbon oxides (CO, CO₂), nitrogen oxides (NO, NO₂ etc.), ammonia (NH₃).


**Potential acute health effects (Source RTECS)**

Adverse health effects are considered unlikely, when the product is used according to directions.

- **Chronic effects:** No known significant effects or critical hazards.
- **Carcinogenicity:** No known significant effects or critical hazards.
- **Mutagenicity:** No known significant effects or critical hazards.
- **Teratogenicity:** No known significant effects or critical hazards.
- **Developmental effects:** No known significant effects or critical hazards.
- **Fertility effects:** No known significant effects or critical hazards.
- **Symptoms Inhalation:** No specific data.
- **Inhalation:** Intratracheal (Rat) LD₅₀: 567 mg /kg
- **Skin:** Human 22mg/3(I) - Mild.
- **Eyes:** No specific data.

10. Ecological information

**Environmental effects:** Readily biodegradable

**Other ecological information**

**Conclusion/Summary:** The product does not show any bioaccumulation phenomena.

**Product/ingredient name**

**Blue Sky Eco**

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<th>Aquatic half-life</th>
<th>Photolysis</th>
<th>Biodegradability</th>
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**Mobility:** Soluble in the following materials: water

**Other adverse effects:** No known significant effects or critical hazards.
11. Disposal considerations

Methods of disposal: Empty containers or liners may retain some product residues. Do not empty into drains; dispose of this material and its container in a safe way. Dispose of in accordance with all applicable local and national regulations.

Hazardous waste: Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by National Occupational Health and Safety Commission Australian Government Approved Criteria for Classifying Hazardous Substances, 3rd Edition.

12. Logistics (Transport) information

Not regulated as Per Australian ADG measures

Not classified as hazardous material according to UN Orange Book and international transport codes e.g. ADR (road), RID (rail), ADN (inland waterways) and IMDG (sea).

13. Regulatory information

EU regulations

Risk phrases: This product is not classified according to Australian legislation.

Product use: Commercial applications.

Australian Safety and Compensation Council

Australian inventory: All components are listed or exempted.

14. Other information

References: National Code of Practice Preparation of an MSDS sheet ASCC.gov.au

History

Date of printing: 05-12-2015

Notice to reader

To the best of our knowledge, the information provided in this Safety Data Sheet is accurate as at the date of its issue. The information it contains is being given for safety guidance purposes and relates only to the specific material and uses described in it. This information does not necessarily apply to that material when combined with other material(s) or when used otherwise than as described herein. Final determination of the suitability of any material is the sole responsibility of the user. All materials may represent unknown hazards and should be used with caution. Blue Sky Eco disclaims any liability for loss or damage resulting from the use of any data, information or recommendations set out in this Safety Data Sheet.

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