

SAFETY DATA SHEET



1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: SODIUM BICARBONATE PN352

Synonyms: Baking soda; Bicarbonate of soda.

Use: pH buffer for pools.

Supplier: Advance Chemicals

ABN: 61 005 625 025

Street Address: 4 – 8 Malton Court Altona, 3018

Telephone Number: (03) 9398 4444

Emergency Telephone: Ted Powell (03) 9398 4444 (Business Hours)
0425 800 022 (After Hours)

2. HAZARDS IDENTIFICATION

Not classified as hazardous according to criteria of the Globally Harmonised System of Classification and Labelling of Chemicals 7th Revised Edition.

Hazard Category: None allocated

Hazard Classification: NON-HAZARDOUS SUBSTANCE, NON-DANGEROUS GOODS

Risk Phrases: None allocated

Safety Phrases: None allocated

Poison Schedule (Australia): None allocated

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Entity	C.A.S. No.	Proportion
Sodium Bicarbonate	144-55-8	100%

4. FIRST AID MEASURES

Inhalation: If inhaled, remove from contaminated area. If symptoms develop seek medical attention.

Skin Contact: Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash before reuse or discard. If symptoms develop seek medical attention.

Eye Contact: If contact with eye(s) occurs, wash with copious amounts of water holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. Seek immediate medical attention.

SAFETY DATA SHEET

Ingestion: Do NOT induce vomiting. Wash out mouth with water and give plenty of water to drink. Seek medical attention.

Notes to Doctor: Treat symptomatically.

5. FIRE FIGHTING MEASURES

Specific Hazards: Non-combustible material

Fire-fighting advice: No particular fire or explosion hazard

Suitable Extinguishing Media: All extinguishing agents can be used (water, dry chemical, carbon dioxide, foam and sand).

Hazchem Code: None allocated

Flammability: This product is not flammable.

6. ACCIDENTAL RELEASE MEASURES

Minor spills should be contained and mopped up quickly to prevent an accident. For large spills, contain using sand or soil. Absorb using sand, soil, vermiculite or some other inert material. Collect and seal in properly labelled containers for disposal. Refer to State Land Waste Authority for disposal. Flush area with water.

7. HANDLING AND STORAGE

Handling advice: Not classified as a Dangerous substance for the purpose of transport, storage or handling. No special requirements.

Storage advice: Keep dry and avoid spillage.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Occupational Exposure Limits: None specified for this product however exposure standard for dust is specified at 10 mg/m^3 (for inspirable dust) and 3 mg/m^3 (for respirable dust)

Engineering Controls: Use with good ventilation. If dusts are produced local exhaust ventilation should be used.

Personal Protection Equipment: If ventilation not adequate then respiratory equipment should be used suitable for protecting against airborne contaminants. Safety glasses with side shields, goggles or full face shield as appropriate recommended. Wear gloves of impervious material and wear appropriate clothing including chemical resistant apron where clothing is likely to be contaminated.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White crystalline powder.

Boiling Point: Not available

Melting Point: Not available

Flash Point: Not applicable

Vapour Pressure: Not applicable

Vapour Density (Air = 1): Not applicable

Flammability Limits: Not applicable

Specific Gravity: 2.16

pH: 8.4

Solubility in water: Soluble

Corrosiveness: Non corrosive.

10. STABILITY AND REACTIVITY

Stability: Stable when stored in sealed container at room temperature.

11. TOXICOLOGICAL INFORMATION

Oral Lowest Toxic Dose (human) 1260 mg/kg

LD50/Oral/rat: 4220 mg/kg

No adverse health effects are expected, if the product is handled in accordance with this material safety data sheet and label. Symptoms and effects that may arise if the product is mishandled and overexposure occurs are:

Acute Health Effects:

Ingested: Ingestion of this product may irritate the gastric tract causing nausea and vomiting.

Eye: Eye contact may cause mechanical irritation. May result in mild abrasion.

Skin: Skin contact may cause mechanical irritation resulting in redness and itching.

Inhaled: Inhalation of this product may irritate the respiratory system.

Chronic: Not expected to cause chronic effects.

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

SAFETY DATA SHEET



13. DISPOSAL CONSIDERATIONS

Refer to Waste Management Authority.

14. TRANSPORT INFORMATION

UN Number: None allocated

Proper Shipping Name: SODIUM BICARBONATE PN352

Dangerous Goods Class: None allocated

Subsidiary risk: None allocated

Packing Group: None allocated

Hazchem Code: None allocated

Road and Rail Transport:

Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code) for transport by road and sail.

15. REGULATORY INFORMATION

Not Classified as hazardous according to criteria of the Globally Harmonised System of Classification and Labelling of Chemicals 7th Revised Edition.

Poisons Schedule: None allocated.

16. OTHER INFORMATION

This S.D.S. is valid for 5 years from the date of issue but may be withdrawn and revised anytime prior to that date. Please ensure that you are using the latest issue.

All information contained in this Safety Data Sheet is as accurate and up-to-date as possible. Since ADVANCE CHEMICALS can not anticipate or control the conditions under which this information can be used, each user should review this information in the specific context of the intended application.

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