



# SAFETY DATA SHEET

## AMMONIUM BICARBONATE

---

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY:

---

**PRODUCT NAME:** AMMONIUM BICARBONATE  
**PART No.:** RM012  
**SUPPLIER:** J M Loveridge plc  
Southbrook Road, Southampton  
Hampshire  
SO15 1BH  
Tel: 023 8022 2008  
Fax: 023 8022 2117

---

### 2. COMPOSITION/INFORMATION ON INGREDIENTS:

---

**EEC (EINECS) No.** 213-911-5  
**CAS No.:** 1066-33-7

---

### 3. HAZARDS IDENTIFICATION:

---

Not regarded as a health or environmental hazard under current legislation.

---

### 4. FIRST AID MEASURES:

---

**GENERAL:** IN ALL CASES OF DOUBT OR WHEN SYMPTOMS PERSIST, ALWAYS SEEK MEDICAL ATTENTION

**INHALATION:** Remove affected person from exposure, rest and keep warm. If recovery not rapid or complete seek medical attention.

**INGESTION:** DO NOT INDUCE VOMITING. In case of spontaneous vomiting, be sure that vomit can freely drain because of danger of suffocation. Only when conscious, rinse mouth with plenty of water and give plenty of water to drink - (approx 500ml). Keep patient at rest and obtain medical attention.

**SKIN:** Remove contaminated clothing. Wash affected area with plenty of soap and water. If irritation persists, seek medical attention.

**EYES:** Rinse immediately with plenty of water for at least 5 minutes while lifting the eye lids. Seek medical attention. Continue to rinse.

---

### 5. FIRE FIGHTING MEASURES:

---

**EXTINGUISHING MEDIA:** Use extinguishing media suitable against surrounding fire or the cause of fire.

---



**SOLUBILITY VALUE (g/100g H<sub>2</sub>O  
20°C):** 18

---

## 10. STABILITY AND REACTIVITY:

---

**STABILITY:** Stable under normal conditions of use. Slowly decomposes on exposure to air to ammonium hydrogen carbonate.

**CONDITIONS TO AVOID:** Avoid excessive heat.

**MATERIALS TO AVOID:** Acids, alkalis, nitrites.

**HAZARDOUS DECOMP. PRODUCTS:** Thermal decomposition or burning may release oxides of carbon and other hazardous gases or vapours. (ammonia).

---

## 11. TOXICOLOGICAL INFORMATION:

---

**HEALTH HAZARDS, GENERAL:** May cause transient respiratory tract irritation at high exposures. May cause mild transient irritation to skin or eyes.

---

## 12. ECOLOGICAL INFORMATION:

---

**ECOLOGICAL INFORMATION:** Discharge to aquatic environments should be avoided as it may lead to localised adverse effects.

**MOBILITY:** Soluble in water.

**BIO ACCUMULATION:** Not expected to bio-accumulate.

**DEGRADABILITY:** Readily biodegradable.

---

## 13. DISPOSAL CONSIDERATIONS:

---

**DISPOSAL METHODS:** Via authorised/licenced waste disposal contractor to an approved waste disposal site, observing all local and national regulations.

---

## 14. TRANSPORT INFORMATION:

---

**GENERAL:** Not classified as hazardous for transport.

---

## 15. REGULATORY INFORMATION:

---

**UK REGULATORY REFERENCES:** This product is not classed as dangerous substance under the classification, packaging and labelling of dangerous substances regulations.

---

**16. OTHER INFORMATION:**

---

**INFORMATION SOURCES:** This product has been classified in accordance with CHIP3 regulations.

**REVISION COMMENTS:** Edition 01; Revised item(s):

**ISSUED BY:** MK

**SDS No.:** 019

**DATE:** 12/07/02

**DISCLAIMER:** The foregoing data has been compiled for safety information only and does not form part of any selling specification. Information contained in this Data Sheet is to the best of JMLs knowledge correct at the time of publication. Customers should always satisfy themselves, that the product which they have selected is entirely suitable for their purpose under their conditions of use and in compliance with current regulations. For any further information, please contact the supplier.