

MATERIAL SAFETY SHEET
Annexe II directive (CE) 1907 - 2006
AMMONIUM SULFATE

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Ind. Rev.: 1

1. PRODUCT AND COMPANY IDENTIFICATION

- Product : AMMONIUM SULFATE
- Usage : Activator for alcoholic fermentation..
- Supplier : LAMOTHE-ABIET Z.A. ACTIPOLIS AVENUE FERDINAND DE LESSEPS 33610 CANEJAN
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Emergency phone : contact your local doctor or hospital. Anti-Poison Center in Bordeaux: 05.56.96.40.80.
ORFILA 01 45 42 59 59

2. COMPOSITION – INFORMATION ON INGREDIENTS

Chemical name: Technical ammonium sulphate CAS n°: 7783-20-2
%(P/P): > 99.5%

3. HAZARD IDENTIFICATION

Physical/chemical hazards: Slightly irritating.
Exposure effects: Slightly irritating to the skin. > to 10 mg/m³: Irritating to eyes and respiratory system.
Exposure symptoms: (Excess exposure): Inhalation: Throat ache, cough
Ingestion: >10g (solid form): Throat ache, abdominal pain, nausea, vomiting – in case of skin and eye contact: Redness.

4. FIRST AID

Ingestion: Rinse mouth with water. Give large amounts of water to casualty. In case of ingestion > to 10g (solid form), induce vomiting: Seek medical attention.
Inhalation: Bring casualty to fresh air and give him/her complete rest. If casualty complains, seek medical attention.
Skin contact: Remove contaminated clothes. Rinse with large amounts of water.
Eye contact: Flush eyes with large amounts of water and seek medical attention if casualty complains.

5. FIRE FIGHTING MEASURES

Particular fire or explosion hazards: Ammonium sulphate; acid, corrosive, toxic fumes.
Thermal decomposition products or hazardous combustion products, toxic fumes, SO₂.
Firefighter's protection: Self contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal protection: Wear adapted and protective clothing (see section 8).
Cleaning procedures: Collect spilled product and place it in hermetic containers.
Flush residues with copious amounts of water.
Remarks: Avoid dust dispersal.

7. HANDLING AND STORAGE

Handling: Avoid dust dispersal
Storage: Keep away from strong bases and heat. Solid form: Keep in a dry place.
Corrosive to metals..

8. EXPOSURE CONTROL – PERSONAL PROTECTION

Technical measures: Local exhaust ventilation recommended.
Hygiene measures: Do not eat, drink or smoke while working with the substance. Avoid dust dispersal.
Personal protective equipment
Respiratory tract: In case of concentrations superior to MAC, wear an anti-dust mask.
Hand protection: Gloves
Eye protection: Safety glasses
Occupational exposure limits:
TLV: According to TLV (MAC) of toxic dust 10 mg/m³ of total dust, 5 mg/m³ of breathable dust
MAC (Nederland): According to MAC of breathable dust 10 mg/m³ of total dust, 5 mg/m³ of breathable dust.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Solid form
Color: White
Odor: Odorless sans
Odor detection threshold: unknown
Melting point: Decomposes above 235°C.
Density: 1.769 g/cm³ (50°C)
Solubility in water: 76g/100 ml/
Octanol/Water partition coefficient: Highly water soluble.

10. STABILITY AND REACTIVITY

Stability: Stable, Material to avoid: Strong bases.
Hazardous decomposition products: When the substance is heated strongly, it decomposes without melting, releasing ammonia.
It then transforms slowly into acid sulphate, which melts at 145-147°C.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:
Oral: LD50 rat: > 3000 mg/Kg
Eye irritation: Slight irritation
Skin irritation: Slight irritation
Chronic toxicity: No harmful effects.
Carcinogenesis: NTP, IARC: No data available OSHA: Not registered as carcinogenic

12. ECOLOGICAL INFORMATION

Mobility: Strongly water soluble.
Persistence and degradability: Substance easily biodegradable.
Bioaccumulation potential: None
Ecotoxicity: 96 hr CL 50 (fish): > 10 mg/l, 48h EC 50 (daphnia): >10 mg/l, EC 50 (algae): > 10 mg/l, low toxicity to aquatic organisms.

13. DISPOSAL CONSIDERATIONS

It is the consignee's responsibility to know local and national regulations
Disposal methods: Dispose of the product in accordance with local legislation.
Burn in incinerator.

14. TRANSPORT INFORMATION

No restrictions.

15. REGULATORY INFORMATION

It is the consignee's responsibility to know local and national regulations.
Ec Classification: No labeling: Non classified as hazardous substance according to the EC criteria.
National regulations: KG (Germany): 1, is included in the lists TSCA, DSL, AICS, MITI.

16. OTHER INFORMATION

The information provided in this MSDS is considered, at the date of publication, as true and correct.
Nevertheless, the accuracy and the exhaustiveness of this information, as well as the regulations, are provided without warranty. Because Lamothe-Abiet does not control the conditions of use of the products it remains the responsibility of users to determine the best use for these products.