

AMMONIUM CARBONATE, AR GRADE

SECTION 1: CHEMICAL PRODUCT IDENTIFICATION

Product Name: AMMONIUM CARBONATE, AR GRADE

Product Code: 053

CAS#: 506-87-6

Synonym: Not available

Chemical Formula: $(\text{NH}_4)_2\text{CO}_3$

Molecular Weight: 96.09

SECTION 2: COMPOSITION AND INFORMATION ON INGREDIENTS

Composition:

Name: : AMMONIUM CARBONATE, AR GRADE

Chemical Formula: $(\text{NH}_4)_2\text{CO}_3$

Molecular Weight: 96.09

SECTION 3: HAZARDS IDENTIFICATION

Classification of the substance or mixture: Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008

Other hazards: This substance/mixture contains no components considered to be either persistent, bio accumulative and toxic (PBT), or very persistent and very bio accumulative (vPvB) at levels of 0.1% or higher

SECTION 4: FIRST AID MEASURES

Description of first-aid measures:

General advice: Show this material safety data sheet to the doctor in attendance.

If inhaled: After inhalation: fresh air.

In case of skin contact: In case of skin contact: Take off immediately all contaminated clothing. Rinse skin with water/shower.

In case of eye contact: After eye contact: rinse out with plenty of water. Immediately call in ophthalmologist. Remove contact lenses.

If swallowed: After swallowing: immediately make victim drink water (two glasses at most). Consult a physician

SECTION 5: FIRE AND EXPLOSION DATA

Suitable Extinguishing media: Water Foam Carbon dioxide (CO_2) Dry powder

Unsuitable extinguishing media: For this substance/mixture no limitations of extinguishing agents are given.

Special hazards arising from the substance or mixture: Carbon oxides Nitrogen oxides (NO_x) Combustible.

Development of hazardous combustion gases or vapours possible in the event of fire

Advice for firefighters: In the event of fire, wear self-contained breathing apparatus

Further information: Suppress (knock down) gases/vapors/mists with a water spray jet. Prevent fire-extinguishing water from contaminating surface water or the ground water system

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Advice for non-emergency personnel: Avoid inhalation of dusts. Avoid substance contact. Ensure adequate ventilation. Evacuate the danger area, observe emergency procedures, consult an expert.

Environmental precautions: Not available



Methods and materials for containment and cleaning up: Not available

SECTION 7: HANDLING AND STORAGE

Precautions:

Advice on protection against fire and explosion: Provide appropriate exhaust ventilation at places where dust is formed.

Storage conditions: Keep container tightly closed in a dry and well-ventilated place. Store in cool place.

Storage class: Storage class (TRGS 510): 11: Combustible Solids.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure controls:

Appropriate engineering controls: Not available.

Personal protective equipment:

Eye/face protection: Not available

Skin protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection: Not available

Respiratory protection: Required when dusts are generated. Our recommendations on filtering respiratory protection are based on the following standards: DIN EN 143, DIN 14387 and other accompanying standards relating to the used respiratory protection system

Control of environmental exposure: Not available

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance Form	: White Powder or Crystals
Colour	: Not available
Odour	: Not available
Odour Threshold	: Not available
pH	: Not available
Melting point/freezing point	: Not available
Initial boiling point and boiling range	: Not available
Flash point	: Not available
Evaporation rate	: Not available
Flammability (solid, gas)	: Not available
Upper/lower flammability or explosive limits	: Not available
Vapour pressure	: Not available
Vapour density	: Not available
Relative density	: Not available
Water solubility	: Not available
Partition coefficient	: Not available
Auto-ignition temperature	: Not available

SECTION 10: STABILITY AND REACTIVITY DATA

Reactivity: The following applies in general to flammable organic substances and mixtures: in correspondingly fine distribution, when whirled up a dust explosion potential may generally be assumed

Chemical stability: The product is chemically stable under standard ambient conditions (room temperature)

Possibility of hazardous reactions: Violent reactions possible with: Strong oxidizing agents

Conditions to avoid: Not Available



Incompatible materials: Not Available

SECTION 11: TOXICOLOGICAL INFORMATION

Information on toxicological effects:

Acute toxicity: Not Available

Skin corrosion/irritation: Not Available

Serious eye damage/eye irritation: Not Available

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: Not available.

Special Remarks on other Toxic Effects on Humans: Not available.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity: Not Available

Persistence and degradability: The methods for determining biodegradability are not applicable to inorganic substances.

Bio accumulative potential: No data available

Mobility in soil: No data available

Results of PBT and vPvB assessment: This substance/mixture contains no components considered to be either persistent, bio accumulative and toxic (PBT), or very persistent and very bio accumulative (vPvB) at levels of 0.1% or higher

Toxicity of the Products of Biodegradation: Not available.

Special Remarks on the Products of Biodegradation: Not available.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods Waste must be disposed of in accordance with federal, state and local environmental control regulations

SECTION 14: TRANSPORT INFORMATION

UN number:

ADR/RID:

IMDG:

IATA:

UN proper shipping name

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

Transport hazard class (es):

ADR/RID:

IMDG:

IATA:

Packaging group:

ADR/RID:

IMDG:

IATA:

Environmental hazards:

ADR/RID: No

IMDG Marine pollutant: No

IATA: No

SECTION 15: OTHER REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture: This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

Other regulations: Observe work restrictions regarding maternity protection in accordance to Dir 92/85/EEC or stricter national regulations where applicable



SECTION 16: OTHER INFORMATION

References: Not available

Other Special Considerations: Not available

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