

## Safety Data sheet

According to Directive 1907/2006

### 0206 AMMONIUM FORMATE

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Creation Date: 01/12/2010 Revision date: 31/05/2017

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

### Identification of the product

Catalogue No: 0206 Product name: AMMONIUM FORMATE Use of the substance: Analysis and chemical-pharmaceutical production.

### Company/undertaking identification

QUALITY CHEMICALS, SL - C/Fornal 35. Pol. Ind. Can Comelles Sud 08292 ESPARREGUERA ESPAÑA Tel. 937709730 Fax. 937709337 e-mail: dtecnica@qualitychemicals.com

### Emergency telephone No.

Quality Chemicals S.L. Tel. +34 937709730 Only in business hours. Instituto Nacional de Toxicología \*Madrid\* Tel:915620420  
Chemtrec: 800-424-9300

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## 2. Hazards identification

Labelling in accordance with directive 1907/2006



#### R-phrases

36 Irritating to eyes.

#### S-phrases

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Labelling in accordance with directive 1272/2008



#### H-phrases

319 Causes serious eye irritation.

#### P-phrases

305+351 If in eyes: Rinse cautiously with water for several minutes.

338 Remove contact lenses, if present and easy to do. Continue rinsing.

309+311 IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.

Signal word : WARNING  
IRRITANT  
R-phrases:  
Irritating to eyes.

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### 3. Composition/information on ingredients

For the full text of the R phrases mentioned in this section, see Section 16.

CAS-No.: 540-69-2

Molecular Weight: 63,06

Chemical formula:  $\text{HCOONH}_4$

EC-No.: 208-753-9

R-phrases 36

For more information about the R-Phrases text you can consult the paragraph 16

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### 4. First aid measures

**After inhalation:**

Fresh air

If necessary, artificial respiration

Call the physician

After skin contact:

Rinse with abundant water (or have a shower)

Get rid of the contaminated clothes

**After eye contact:**

Rinse with abundant water, keeping eyelids open (at least 10 min)

Call the ophthalmologist

**After swallowing:**

Drink lots of water

Great amounts: call the physician if sickness persists

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### 5. Fire-fighting measures

**Suitable extinguishing media:**

Adapt the materials of the surroundings

**Special risks:**

Combustible

Ambient fire may liberate hazardous vapours

The following may develop in event of fire nitrogen oxides

**Special protective equipment for fire fighting:**

Remain in the risk area only if provided with independent artificial respiratory systems.

**Other information:**

Avoid the penetration of the extinction water in superficial or subterranean aquifers.

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### 6. Accidental release measures

**Person-related precautionary measures:**

Avoid contact with the substance

Avoid dust formation

Do not inhale dust

**Procedures for cleaning/absorption:**

Dry cleaning. Proceed to the elimination of any waste.

Rinse.

To avoid the inert dust formation

**Environmental protection measures:**

Do not send it to the sewerage system

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## 7. Handling and storage

Handling: Do not inhale the substance

**Storage:**

Well closed

In well-ventilated place

Dry place.

Storage temperature: without limits

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## 8. Exposure controls/personal protection

**Personal protective equipment:**

**Respiratory protection:**

Necessary respiratory protection in the presence of dust

**Hand protection:**

Needed

Protection gloves:

Nitrile rubber

**Eye protection:**

Needed

**Other protective equipment:**

Change immediately contaminated clothes

Recommendable preventive protection of the skin

Wash hands and face when the work is finished

Fulfill the commitments under local environmental protection legislation

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## 9. Physical and chemical properties

Physical state: Solid

Colour: White

Odour: Slightly of ammonia

pH value: 7 (10 g/l H<sub>2</sub>O)

Melting point: 116°C

Boiling point: 180°C

Solubility: soluble (water) soluble (methanol)

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## 10. Stability and reactivity

**Substances to be avoided:**

Oxidizing agents.

**Hazardous decomposition products:**

Nitrogen oxides.

Ammonia.

**Further information:**

Heat-sensitive.

Sensitive to moisture.

## 11.Toxicological information

### Acute toxicity:

LD50 (oral, mouse): 2250 mg/kg

#### After eye contact:

Irritation

#### After skin contact:

Irritations

#### After inhalation:

Irritations of the mucous membranes

Irritation of: respiratory tract

#### After swallowing:

Irritations of mucous membranes in the mouth

Gastrointestinal disorders

Diarrhoea

Nausea

Vomiting

#### Further toxicological information:

Other dangerous characteristics are not discarded

Take the usual precautions for handling chemical products

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## 12.Ecological information

No information available

#### Other harmful effects:

Do not allow to enter waters, waste water, or soil

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## 13.Disposal considerations

### Product:

Dispose as regulated in the community countries by local regulations.

Please contact with the suitable authority in each case (Public Administration or company specialized in

### Packaging:

Product packaging disposal must be disposed of in compliance with the respective local regulations.

For contaminated packaging the same measures must be adopted as for the contaminated product.

Not contaminated packaging must be disposed of as domestic residues or recycled material.

European Directive 94/62/EC of 20 December 1994 on packaging and packaging waste

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## 14.Transport information

Overland transport ADR/RID

Sea transport IMDG

Air transport ICAO-IATA-DGR

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## 15.Regulatory information

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## 16. Other information

Full text of R phrases mentioned in sections 2 and 3

36 Irritating to eyes.

The information contained herein is based on the present state of our knowledge.

It characterizes the product with regard to appropriate safety precautions. It does not represent a guaranty of the properties of the product.