

Safety Data sheet

According to Directive 1907/2006

0924 IRON (III) AND AMMONIUM SULPHATE 12-HYDRATE

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

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

Identification of the product

Catalogue No: 0924 Product name: IRON (III) AND AMMONIUM SULPHATE 12-HYDRATE 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

2. Hazards identification

Labelling in accordance with directive 1907/2006

Labelling in accordance with directive 1272/2008

Classified as not dangerous in accordance with directive 1999/45/CE
Product not dangerous according to Regulation (EC) 1272/2008

3. Composition/information on ingredients

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

CAS-No.: 7783-83-7

Molecular Weight: 482,19

Chemical formula: $\text{FeNH}_4(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$

EC-No.: 233-382-4

4. First aid measures

After inhalation:

Fresh air

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)

After swallowing:

Drink lots of water

To cause vomit

Call the doctor

5. Fire-fighting measures

Suitable extinguishing media:

Adapt the materials of the surroundings

Special risks:

Fireproof

Ambient fire may liberate hazardous vapours

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.

6. Accidental release measures

Person-related precautionary measures:

Avoid dust formation

Do not inhale dust

Procedures for cleaning/absorption:

Dry cleaning. Proceed to the elimination of any waste.

Rinse.

Environmental protection measures:

Do not send it to the sewerage system

7. Handling and storage

Handling:

Protect from light

Without other exigencies

Storage:

Well closed

Dry place.

Protected from light.

8. Exposure controls/personal protection

Personal protective equipment:

Respiratory protection:

Necessary respiratory protection in the presence of dust

Hand protection:

Protection gloves:
Nitrile rubber

Eye protection:

Needed

Skin and body protection:

Suitable protective clothing

Other protective equipment:

Change immediately contaminated clothes

Wash hands when work is finished

Fulfill the commitments under local environmental protection legislation

9. Physical and chemical properties

Physical state: Solid

Colour: Violet

Odour: Odourless

pH value: (100 g/l H₂O at 20°C) 1.8

Melting point: 40°C

Boiling point: 230°C

Solubility: Water 25°C:1240 g/l; 100°C:4000 g/l

10. Stability and reactivity

Substances to be avoided:

Strong oxidizing agents.

Further information:

Light-sensitive.

11. Toxicological information

After eye contact:

Slight irritation

After skin contact:

Slight irritation symptoms

After swallowing:

Acidosis

Further toxicological information:

Take the usual precautions for handling chemical products

12. Ecological information

Fishes: Toxic from 0.9 mg/l (Fe) at neutral pH. Toxic from 0.3 mg/l (NH₄)

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

14. Transport information

Overland transport ADR/RID

Sea transport IMDG

Air transport ICAO-IATA-DGR

15. Regulatory information

16. Other information

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.