



Fertiliser Services

SAFETY DATA SHEET

Date of issue / date of revision: 29 November 2024
Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II/ Regulation (EU), as amended by UK REACH Regulation SI 2019/758 - United Kingdom: Great Britain

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name:

Product code:

Product type: liquid

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses

Industrial distribution.

Industrial USE to formulate fertilisers product mixtures.

Professional USE as fertiliser at Farm – loading and spreading.

Professional formulation of fertiliser products.

Uses advised against: None identified.

1.3 Details of the supplier of the Safety Data Sheet

Billericay Fertiliser Services Ltd

Ilgars Fertiliser Works, Willow Grove, Woodham Ferrers, Essex CM3 8RD

Telephone number 01245 325849, email fertilisers@bfs.uk.com

1.4 Emergency telephone number 01245 325849

1.5 National advisory body/Poison Centre: Not available.

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Product definition: Mixture.

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]: Not classified. The product is not classified as hazardous according to Regulation (EC) 1272/2008 as amended.

2.2 Label elements

Signal word: No signal word.

Hazard statements: Not applicable.

Precautionary statements

General: Not applicable.

Supplemental label elements: Safety data sheet available on request.

EU Regulation (EC) No.1907/2006 (REACH) Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances mixtures and articles: One or more of the following entries are applicable, 3, 58 and 65.

2.3 Other hazards

Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII:
Not Applicable.

Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII:
Not applicable.

Section 3: Composition/Information on ingredients

3.1 Mixtures: Mixture.

There no ingredients present which, within the current knowledge of the supplier and in the concentrations available, are classified as hazardous to health or the environment, are PBTs, vPvBs or substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

Occupational exposure limits, if available, are listed in section 8.

Section 4: First aid measures

4.1 Description of first aid measures

Eye contact: Rinse with plenty of running water. Check for and remove any contact lenses. Blink frequently. Get medical treatment if irritation occurs.

Inhalation: Avoid inhalation of vapour, spray or mist. If inhaled, remove to fresh air. Get medical attention if you feel unwell.

Skin contact: Take off contaminated clothing and wash exposed skin areas with mild soap and water. Rinse with warm water. Consult a doctor if irritation develops.

Ingestion: Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Get medical attention if adverse health effects persist or are severe.

Protection of first-aiders: No action shall be taken involving any personal risk or without suitable training.

4.2 Most important symptoms and effects, both acute and delayed

Potential acute health effects

Eye contact: No known significant effects or critical hazards.

Inhalation: No known significant effects or critical hazards.

Skin contact: No known significant effects or critical hazards.

Ingestion: No known significant effects or critical hazards.

Over-exposure signs/symptoms

No specific data.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

Specific treatments: No specific data.

Section 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing media: None identified.

5.2 Special hazards arising from the substance or mixture

Hazards from the substance or mixture: No particular dangers in normal use.

Hazardous thermal decomposition products: Decomposition products may include the following materials: carbon dioxide, carbon monoxide, nitrogen oxides, ammonia, halogenated compound. Avoid breathing dusts, vapours or fumes from burning materials. In case of inhalation of decomposition products in a fire, symptoms may be delayed.

5.3 Advice for firefighters

Special precautions for firefighters: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Special protective equipment for firefighters: Firefighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive mode. Clothing for firefighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

Additional information: None

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: No action shall be taken involving personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Avoid all contact with skin, eyes and clothing. Put on appropriate personal protective equipment.

For emergency responders: If specialised clothing is required to deal with the spillage, take note of information in Section 8. See also information in "For non-emergency personnel".

6.2 Environmental precautions: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution. Clean up any spills as soon as possible, using an absorbent material to collect it. waters. Assure conformity with the local regulations before discharging into sewage treatment facilities.

6.3 Methods and materials for containment and cleaning up

Clean up any spills as soon as possible, using an absorbent material to collect it.

Small spill: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water soluble. If water insoluble absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large spill: Stop leak if without risk. Prevent entry into sewers, water courses, basements or confined areas. Contain and collect spillage with non-combustible absorbent material e.g. sand, earth. Wash spillage into an effluent treatment plant or; contain and collect spillage with non-combustible absorbent material and place in container for disposal via the local regulations. Contaminated absorbent material may pose the same hazard.

6.4 Reference to other sections

See section 1 for emergence contact information. See section 8 for information on appropriate personal protective equipment. See section 13 for additional waste treatment information.

Section 7: Handling and storage

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

7.1 Precautions for safe handling

Not for human or animal consumption.

Protective measures: Put on appropriate personal protective equipment (see Section 8).

Advice on general occupational hygiene: Eating, drinking and smoking should be prohibited in area where this material is handled, stored and processed. Workers should wash hands and faces before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

Recommendations: Assure general extraction or ventilation of the premises in order to reduce the concentration of vapours, away from direct sunlight, food, drink and incompatible materials. Keep container tightly sealed until ready to use, if opened must be resealed to prevent any leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. Bund storage facilities to prevent soil and water pollution in the event of spillage.

Section 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits: In general avoid any unnecessary exposure.

8.2 Exposure controls

Good ventilation should be sufficient to control worker exposure to airborne contaminants.

Process conditions: A washing facility or water for eye and skin cleaning purposes should be present. Wash hands at end of each work shift and before eating, smoking or using the toilet. Wash contaminated clothing before reusing.

Engineering measures: Provide adequate ventilation.

Hand protection: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. For general applications, we recommend gloves with a thickness typically greater than 0.35 mm. It should be emphasized that glove thickness is not necessarily a good predictor of glove resistance to a specific chemical, as the permeation efficiency of the glove will be dependent on the exact composition of the glove material.

Eye protection: Wear safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashed, mists, gases or dusts.

Other protection: Wear suitable protective clothing as protection against splashing or contamination. Appropriate footwear and additional skin protection measures should be selected based on the task being performed and the risks involved should be approved by a specialist before handling this product.

Hygiene measures: A washing facility or water for eye and skin cleaning purposes should be present. Wash hands at end of each work shift and before eating, smoking or using the toilet. Wash contaminated clothing before reusing.

Personal protective equipment

(Pictograms)



Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state: Liquid.

Colour: Colourless / Pale straw.

Odour: Odourless or slight ammoniacal.

Ph: 7-9

Density: 1.11 +- g/cm³

Melting point/freezing point: <-5°C

Flammability (solid, gas): Non-flammable.

9.2 Other information

No additional information.

Section 10: Stability and reactivity

10.1 Reactivity: No specific test data related to reactivity available for this product or its ingredients.

10.2 Chemical stability: The product is chemically stable under the recommended storage conditions.

10.3 Possibility of hazardous reactions: Under normal conditions of storage and use, hazardous reactions will not occur.

10.4 Conditions to avoid: Avoid contamination by any source including metals, dust and organic materials.

10.5 Incompatible materials: Urea reacts with calcium hypochlorite or sodium hypochlorite to form the explosive nitrogen trichloride.

10.6 Hazardous decomposition products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Conclusion/Summary: Not toxic.

Irritation/Corrosion: Non-irritating.

Sensitisation: Not sensitising.

Mutagenicity: No mutagenic effect.

Carcinogenicity: No carcinogenic effect.

Reproductive toxicity: Not considered to be toxic to the reproductive system.

Teratogenicity: No teratogenic.

Potential acute health effects

Inhalation: Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.

Ingestion: No known significant effects or critical hazards.

Skin contact: No known significant effects or critical hazards.

Eye contact: No known significant effects or critical hazards.

Section 12: Ecology information

12.1 Toxicity

Conclusion/summary: No known significant effects or critical hazards.

12.2 Persistence and degradability

Conclusion/summary: No known significant effects or critical hazards.

12.3 Bio accumulative potential

Conclusion/summary: No known significant effects or critical hazards.

12.4 Mobility in soil: Not available.

12.5 Results of PBT and vPvB assessment: Not applicable.

12.6 Other adverse effects: No known significant effects or critical hazards.

Section 13: Disposal considerations

13.1 Waste treatment methods

Methods of disposal: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

Hazardous waste: Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 2008/98/EC.

Section 14: Transport information

14.1 General: This product is not hazardous for transportation.

14.2: Special precautions for user: Transport within users premises. Ensure that persons transporting the product know what to do in the event of an accident or spillage

Section 15: Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

EU Regulation (EC) No. 1907/2006 (REACH) Annex XIV – List of substances subject to authorisation Annex XIV: None of the components are listed.

EU Regulation (EC) No. 1907/2006 (REACH) Annex XVII – Restrictions on the manufacture, placing market and the use of certain dangerous substances mixture and articles: Not applicable.

National regulations

Notes: To our knowledge no other country or state specific regulations are applicable.

15.2 Chemical safety assessment: This product contains substances for which Chemical Safety Assessments are still required.

Section 16: Other information

16.1 Procedure used to derive the classification according to Regulation (EC) No 1272/2008 (CLP/GHS)

Full text of abbreviated H statements: Not applicable.

Full text of classification (CLP/GHS): Not applicable.

General information: Only trained personnel should use this product

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Prepared by: Billericay Fertiliser Services Ltd

NB: To the best of our knowledge, the information provided in this Safety Data Sheet is accurate as at the date of its issue. The information it contains is being given for safety guidance purposes and relates only to the specific material and uses described in it. This information does not necessarily apply to that material when combined with other material(s) or when used otherwise than as described herein, since all materials may represent unknown hazards and should be used with caution. Final determination of the suitability of any material is the sole responsibility of the user.