

BauderGREEN DU UK slow-release fertiliser

safety data sheet

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758

Revision date: 31/05/2025

Supersedes : November 2024

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Trade name: 10-4-4 60% Onyx Graded

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

Relevant identified uses: Fertiliser
Uses advised against: All other uses.

1.3 Details of the supplier of the safety data sheet

Supplier Bauder Ltd
70 Landseer Road
Ipswich
Suffolk
IP3 0DH
Tel: +44 (0) 1473 257671
Email: info@bauder.co.uk

1.4 Emergency telephone number

+44 (0) 1963 364788 – Normal hours are 7.30-16.30 Mon-Fri.
+44 (0) 7779 987 041 – Out of normal hours only.

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

This product is classified as non-hazardous according to Regulation (EC) No 2020/878.

2.2 Label elements

This product does not require specific labelling according to Regulation (EC) No 2020/878.

2.3 Other hazards

None Known

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

10-4-4 60% Onyx Graded is not a mixture meeting the criteria for classification in accordance with Regulation (EC) No. 2020/878.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

General Notes:	Move to fresh air. If any signs or symptoms occur, seek medical advice.
Following inhalation:	Move to fresh air. If any signs or symptoms occur, seek medical advice.
Following skin contact:	Wash off with soap and plenty of water. Consult a physician.
Following eye contact:	Immediately flush eyes with copious amounts of water for at least 15 minutes. Check for contact lenses, and remove if present and easy to do so. Keep on flushing the eyes. If eye irritation occurs, seek medical advice.
Following ingestion:	Never give anything orally to unconscious persons. Do not induce vomiting unless directed so by medical personnel. Rinse mouth with water. If symptoms occur, seek medical advice.
Protection of first aider:	No data available.

4.2 Most important symptoms and effects, both acute and delayed

Following inhalation:	High inhalation exposure can exert mechanical irritations of the mucosa of the respiratory tract.
Following skin contact:	Contact may cause redness, itching.
Following eye contact:	Contact may cause redness, watering, stinging and swelling.
Following ingestion:	Nausea, vomiting, diarrhoea, abdominal pain, hypotension, haematemesis, fever. Lack of symptoms within the first 6 hours makes significant toxicity unlikely.

4.3 Indication of any immediate medical attention and special treatment needed

The physician may contact the national poison centre for advice

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media:	Dry chemical, CO ₂ , water spray or alcohol-resistant foam
Unsuitable extinguishing media:	No data available.

5.2 Special hazards arising from the substance or mixture

No data available.

5.3 Advice for fire fighters

Special protective equipment for firefighters:

As in any fire, wear self-contained breathing apparatus pressure-demand and full protective gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment, i.e. gloves, protective clothing and eye/face protection, and respiratory protection in poorly ventilated places or in case of dust/aerosol formation (see section 8). Minimize exposure.

6.2 Environmental precautions

Do not allow to enter drains or waterways. Waste or contaminated material must be adequately labelled and disposed of in accordance with the local/national regulations.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up: Contain the source of the spill if possible and safe to do so. Collect the spill using water and absorbent material. Clean the area of and around the spill thoroughly.

Large spills: Evacuate non-emergency personnel immediately from the affected area. Cleaning of larger spill should only be performed by properly trained personnel.

6.4 Reference to other sections

No data available,

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with skin, eyes and clothing by using personal protective clothing and equipment. Keep away from open flames and other sources of ignition. Avoid release into the environment. Avoid the formation of dust. Only use outside or in areas with local exhaust ventilation.

7.2 Conditions for safe storage, including any incompatibilities

Storage Conditions: Keep out of the reach of children. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from open flames, hot surfaces and sources of ignition. Keep away from direct sunlight.

Incompatible materials: See section 10.

7.3 Specific end use(s)

See section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Control parameters according to the local regulations should be taken into account.

8.2 Exposure controls

Engineering controls:

Avoid contact with skin, eyes and clothing. Wash hands before any interruption of work, and after using the product. Avoid the formation of dust. Only use outside or in areas with local exhaust ventilation.

Personal Protective equipment:

<u>Hand:</u>	Impervious gloves (e.g. nitrile rubber or PVC). Do not reuse gloves and dispose of immediately after contamination.
<u>Skin:</u>	Protective clothing (e.g. lab coats or uniforms). Take off contaminated clothing and wash before reuse.
<u>Eye:</u>	Safety glasses or goggles.
<u>Respiratory:</u>	In case of inadequate ventilation and/or risk of dust formation, respiratory protection is highly recommended.
<u>Other measures:</u>	No statement available.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information of basic physical and chemical properties

Appearance:	Granules
Colour:	No data available
Odour:	Possible slight ammonia
Odour threshold:	No data available
pH:	No data available
Melting point/range:	No data available
Boiling point/range:	No data available
Flash point:	No data available
Evaporation rate:	No data available
Flammability:	Product is non-flammable
Upper/lower flammability or explosive limits:	No data available
Vapour pressure:	No data available
Vapour density:	No data available
Relative Density:	No data available
Solubility(ies):	No data available
Partition coefficient (n-octanol/water):	No data available
Auto-ignition temperature:	Product is not self-igniting
Decomposition temperature:	No data available
Viscosity:	No data available
Explosive properties:	No data available
Oxidising properties:	No data available

9.2 Other information

No information available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Stable product under recommended storage and handling conditions.

10.2 Chemical stability

Stable product under recommended storage and handling conditions.

10.3 Possibility of hazardous reactions

Stable under recommended storage and handling conditions.

10.4 Conditions to avoid

Heating may generate the following products: Toxic gases or vapours.

10.5 Incompatible materials

Strong oxidising agents.

10.6 Hazardous decomposition products

In case of fire: see section 5.2

No other data available.

SECTION 11: TOXICOLOGICAL INFORMATION

General information:

The information in this section primarily refers to the potential hazards of the individual ingredients; the toxicological properties of the mixture have not been investigated. Unless indicated otherwise, toxicological effects were measured by the appropriate OECD methods. In cases where (a lack of) data excludes classification of one of the ingredients, this ingredient is left out of the (sub)sections below.

11.1 Information on toxicological effects

Acute Toxicity:

No statements available for any of the ingredients.

Skin corrosion/irritation:

No statements available for any of the ingredients.

Serious eye damage/irritation:

No statements available for any of the ingredients.

Respiratory or skin sensitisation:

No statements available for any of the ingredients.

Germ cell mutagenicity:

No statements available for any of the ingredients.

Carcinogenicity:

This product does not contain known human carcinogens.

Reproductive toxicity:

No statements available for any of the ingredients.

STOT – single exposure:

No statements available for any of the ingredients.

STOT – repeated exposure:

No statements available for any of the ingredients.

Aspiration hazard:

No statements available for any of the ingredients.

Likely route(s) of exposure:

Skin exposure and eye exposure are the most likely to occur. Accidental ingestion is also possible.

SECTION 12: ECOLOGICAL INFORMATION

General information:

No statements available for any of the ingredients

12.1 Toxicity

No statements available for any of the ingredients

12.2 Persistence and degradability

Physical- and photochemical elimination:

No statements available for any of the ingredients.

Biodegradation:

No statements available for any of the ingredients.

12.3 Bioaccumulative potential

No statements available for any of the ingredients

12.4 Mobility in soil

Known/Predicted environmental distribution:

No statements available for any of the ingredients

Surface tension:

No statements available for any of the ingredients.

Adsorption/Desorption:

No statements available for any of the ingredients.

12.5 Results of PBT and vPvB assessment

This product does not contain components which are considered to be persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Endocrine disrupting properties

No information available

12.7 Other adverse effects

No statements available for any of the ingredients

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product:

Dispose of the product in accordance with all applicable local, regional and national laws and regulations. European, International and Member State specific provisions must be considered. Taking into account the relevant (un)known environmental and human health hazards, take all necessary technical and procedural precautions to prevent occupational exposure and release into the environment.

Waste material:

Treat the disposal of any waste material in the same manner as that of the product.

SECTION 14: TRANSPORT INFORMATION

14.1 UN number

ADR/RID/IDMG/IATA: Non-regulated

14.2 UN proper shipping name

ADR/RID/IDMG/IATA: Non-regulated

14.3 Transport hazard class(es)

ADR/RID/IDMG/IATA: Non-regulated

14.4 Packing group

ADR/RID/IDMG/IATA: Non-regulated

14.5 Environmental hazards

ADR/RID/IDMG/IATA: Non-regulated

14.6 Special precautions for user

No statements available.

14.7 Maritime transport in bulk according to IMO instruments

Not applicable, as product is not shipped in bulk.

SECTION 15: REGULATORY INFORMATION

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

No restrictions applicable, according to appendix XVII of REACH.

15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

SECTION 16: OTHER INFORMATION

Further information

The information presented in this Safety Data Sheet (SDS) is accurate to the best of our knowledge at the date of publication. The information given within the SDS is meant solely as a guide for safe handling, use, transportation, processing, storage, release and disposal. In no means can the information within the SDS be considered as a warranty or specification for quality.

Bauder reserves the right to amend information and product specifications without prior notice. All reasonable care has been taken to ensure that all data is current at the time of print, however because Bauder pursues a policy of constant development we recommend ensuring that your copy of this information is current by contacting our Technical Department at technical@bauder.co.uk. Recommendations for use should be verified as to the suitability and compliance with actual requirements, specifications, installation techniques and any applicable laws and regulations.