

RIGBY TAYLOR LTD

MICROFLOW CXS 26-0-0+TE

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

1.1 Product Identifier

Product information
Product name: MICROFLOW 26-0-0
Product Code : 0115174/020
Marketing Company Rigby Taylor Ltd
Rigby Taylor House
Crown Lane
Horwich
Bolton
BL6 5HP
Telephone : 01204 677777
Email : info@rigbytaylor.com

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

Use of substance / mixture: PC12: Fertilizers

1.3 Details of the supplier of the safety data sheet

Company Name: Rigby Taylor Ltd
Rigby Taylor House
Crown Lane
Horwich
Bolton
BL6 5HP
Telephone: 01204 677777
Email: info@rigbytaylor.com

1.4 Emergency telephone number

Emergency tel: +44(0) 7802844234

Section 2. Hazards Identification

2.1 Classification of the substance or mixture

Classification under CHIP: Xi: R36/38
Most important adverse effects: Irritating to eyes and skin.

2.2 Label elements

Label elements under CHIP:
Hazard symbols: Irritant.



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Risk phrases:
Safety phrases:

R36: Irritating to eyes.
S2: Keep out of the reach of children.
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36/37/39: Wear suitable protective clothing, gloves and eye / face protection.

2.3 Other hazards

PBT: This substance is not identified as a PBT substance.

Section 3. Composition/information on ingredients

3.2 Mixtures

Hazardous ingredients:
AMMONIUM NITRATE

EINICS	CAS	CHIP Classification	CLP Classification	Percent
229-347-8	6484-52-2	0;R8;Xi;R36	Eye Irrit. 2; H319; Ox. Sol.3; H272	25-50%

Section 4. First Aid Measures

4.1 Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water..

Eye contact: Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

Ingestion: Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so.

4.2 Most important symptoms and effects, both acute and delayed

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

4.3 Indication of any immediate medical attention and special treatment needed

Immediate / special treatment: Eye bathing equipment should be available on the premises.

Section 5. Fire-fighting measures

5.1 Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

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5.2 Special hazards arising from substance or mixture

Exposure hazards: In combustion emits toxic fumes

5.3 Advice for fire fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions: Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS. Refer to section 13 of SDS.

Section 7. Handling and storage

7.1 Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Avoid the formation or spread of mists in the air.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed.
Suitable packaging: Must only be kept in original packaging.
Storage quantity limits: N/a

7.3 Specific end use(s)

Specific end use(s): No data available.

Section 8. Exposure control/personal protection

8.1 Control parameters

Hazardous ingredients:

AMMONIUM NITRATE

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	-	-	5mg/m ³	-

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8.1 DNEL/PNEC Values

DNEL/PNEC No data available.

8.2 Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.
Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.
Hand protection: Protective gloves, Breakthrough time of the glove material >1 hour. BS EN374:208
Eye protection: Tightly fitting safety goggles. Ensure eye bath is to hand.
Skin protection: Protective clothing.
Environmental: No special requirement.

Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

State: Liquid
Colour: Brown
Odour: Sweet - smelling
Evaporation rate: Negligible
Oxidising: Non-oxidising (by EC criteria)
Solubility in water: Soluble
Viscosity: Non-Viscous
Boiling point/range°C: > 35
Melting point/range°C: No Data
Flammability limits %:
lower: No Data
upper: No Data
Flash point°C: >93
Part.coeff. n-octanol/water: No Data
Autoflammability°C: No Data
Vapour pressure: No Data
Relative density: 1.250 - 1.270
pH: Approx. 7
VOC g/l: No Data

9.2 Other information

Other information: Not applicable.

Section 10. Stability and reactivity

10.1 Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2 Chemical stability

Chemical stability: Stable under normal conditions.

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10.3 Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

10.4 Conditions to avoid

Conditions to avoid: Heat.

10.5 Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6 Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11. Toxicological information

11.1 Information on toxicological information

Relevant effects for mixture

Effect	Route	Basis
Irritation	OPT	Hazardous Calculated

Symptoms / routes of exposure

Skin contact:

There may be irritation and redness at the site of contact.

Eye contact:

There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

Ingestion:

There may be soreness and redness of the mouth and throat. Nauseas and stomach pain may occur.

Inhalation:

There may be irritation of the throat with a feeling of tightness in the chest.

Delayed / immediate effects:

Immediate effects can be expected after short-term exposure.

Other information:

Not applicable.

Section 12. Ecological information

12.1 Toxicity

Ecotoxicity values: Not applicable.

12.2 Persistence and degradability

Persistence and degradability: Biodegradable.

12.3 Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4 Mobility in soil

Mobility: Readily absorbed into soil.

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12.5 Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT substance.

12.6 Other adverse effects

Other adverse effects: Negligible ecotoxicity.

Section 13. Disposal considerations

13.1 Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.
Recovery operations: Not applicable
Waste code number: N/a
Disposal of packaging: Clean with water. Dispose of as normal industrial waste.
NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14. Transport information

Transport class: This product does not require a classification for transport.

Section 15. Regulatory information

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

Specific regulations: Not applicable.

15.2 Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16. Other information

Other Information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.
* indicates text in the SDS which has changed since the last revision.
Phrases used in s.2 and 3: H272: May intensify fire; oxidiser.
H319: Causes serious eye irritation.
R8: Contact with combustible material may cause fire.
R36: Irritating to eyes.
Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.