

Section 1: Identification of the substance/mixture and of the company/undertaking
1.1. Product identifier

Product name: ROLLER
Product code: AG004

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

Use of substance / mixture: Adjuvant

1.3. Details of the supplier of the safety data sheet

Company name: Agrovista U K Ltd
 Cambridge House
 Nottingham Road
 Stapleford
 Nottingham
 NG9 8AB
 United Kingdom
Tel: +44 (0) 1159 390 202
Fax: +44 (0) 1159 398 031
Email: enquires@agrovista.co.uk

1.4. Emergency telephone number

Emergency tel: +44 (0) 1865 407 333 (For Emergency ONLY)

Section 2: Hazards identification
2.1. Classification of the substance or mixture

Classification under CHIP: -: R52/53

Most important adverse effects: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

2.2. Label elements
Label elements under CHIP:

Hazard symbols: Symbol not required.

Risk phrases: R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety phrases: S13: Keep away from food, drink and animal feeding stuffs.
 S24/25: Avoid contact with skin and eyes.
 S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 S37/39: Wear suitable gloves and eye / face protection.
 S61: Avoid release to the environment. Refer to special instructions / safety data sheets.

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:

POLYETHER MODIFIED TRISILOXANE

EINECS	CAS	CHIP Classification	CLP Classification	Percent
-	134180-76-0	Xn: R20/21; Xi: R36; N: R51/53	-	10-25%

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. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Consult a doctor.

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Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

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. Consult a doctor.

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 irritation and redness. The eyes may water profusely. The vision may become blurred. There may be severe pain.

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

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

Delayed / immediate effects: No data available.

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.

5.2. Special hazards arising from the 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: Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. 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. Do not handle in a confined space. 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. The floor of the storage room must be impermeable to prevent the escape of liquids.

Suitable packaging: Must only be kept in original packaging.

Storage quantity limits: -

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: Not applicable.

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8.2. Exposure controls

- Engineering measures:** Ensure there is sufficient ventilation of the area. The floor of the storage room must be impermeable to prevent the escape of liquids.
- Respiratory protection:** Self-contained breathing apparatus must be available in case of emergency.
- Hand protection:** Impermeable gloves. BS EN 374:2003
- Eye protection:** Safety glasses. Ensure eye bath is to hand.
- Skin protection:** Impermeable protective clothing.
- Environmental:** Refer to specific Member State legislation for requirements under Community environmental legislation.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

- State:** Liquid
- Colour:** Colourless
- Odour:** Odourless
- Evaporation rate:** Negligible
- Oxidising:** Non-oxidising (by EC criteria)
- Solubility in water:** Miscible in all proportions
- Also soluble in:** No data
- Viscosity:** Viscous
- Kinematic viscosity:** No data
- Boiling point/range°C:** > 250
- Flammability limits %: lower:** No data
- Flash point°C:** No data
- Autoflammability°C:** > 450
- Relative density:** 1.020 - 1.040
- VOC g/l:** No data
- Melting point/range°C:** < 0
- upper:** No data
- Part.coeff. n-octanol/water:** No data
- Vapour pressure:** No data
- pH:** 6.0 - 8.0

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.

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 effects

Toxicity values: Not applicable.

Symptoms / routes of exposure

- Skin contact:** There may be irritation and redness at the site of contact.
- Eye contact:** There may be irritation and redness. The eyes may water profusely. The vision may become blurred. There may be severe pain.
- Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.
- Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.
- Delayed / immediate effects:** No data available.
- Other information:** Not applicable.

[cont...]

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: Not applicable.

12.2. Persistence and degradability

Persistence and degradability: Not biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: Bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

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

12.6. Other adverse effects

Other adverse effects: Harmful to aquatic organisms. Harmful to soil organisms.

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: Use principally as a fuel or other means to generate energy.

Disposal of packaging: Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.

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/legislation specific for the substance or mixture

Specific regulations: This product is a registered adjuvant and as such subject to regulatory controls. Follow instructions for use on labels, for more information go to the Chemicals Regulation Directorate.

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: R20/21: Harmful by inhalation and in contact with skin.
R36: Irritating to eyes.
R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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.