

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

1.1 Product Identifier

Product name: CODACIDE

Product code: MC001

**1.2 Use of the substance/
mixture**

Adjuvant

**1.3 Company / undertaking
Identification**

Microcide Ltd
Shepherds Grove
Stanton
Bury St Edmunds
Suffolk
IP31 2AR
Tel. +44(0)1359 251 077
Fax. +44(0)1359 251 545

1.4 Emergency telephone

+44(0)1359 251 077

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Not hazardous substances or mixture according to Regulation (EC) No 1272/2008

Not classified as dangerous according to Directive 67/548/EEC.

All substances are REACH exempt. Not a hazardous product according to Globally Harmonized System (GHS).

2.2 Label elements

The product does not need to be labelled in accordance with EC directives Regulation (EC) No 1272/2008 or respective national laws.

2.3 Other hazards

None

SECTION 3: Compostion/information on ingredients

3.1 Mixtures

Canola Oil (Food Grade Low Erucic acid content >5%max) 95% and Polyethoxylated Ester Emulsifier 5%.

Contains: No substance meeting the criteria for classification as hazardous under EU Directives (DSD 67/548/EC or CLP 1272/2008 EC).

All substances are REACH exempt. Not a hazardous product according to Globally Harmonized System (GHS).

SECTION 4: First aid measures

4.1 Description of first aid measures

Skin contact:	Wash with plenty of soap and water.
Eye contact:	Bathe the eye with running water for 15 minutes
Ingestion:	Wash out mouth with water
Inhalation:	Consult a doctor

4.2 Most important symptoms and effects, both acute and delayed

Skin contact:	No symptoms known
Eye contact:	No symptoms known
Ingestion:	No symptoms known
Inhalation:	No symptoms known

Delayed/ immediate effects: N/A

4.3 Indication of any immediate medical attention and special treatment needed

Show this safety data sheet to the doctor in attendance. Eye bathing equipment should be available on the premises

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media for the surrounding fire should be used
Use water spray to cool containers. Carbon dioxide. Do not use water

5.2 Special hazards arising from the substance or mixture

None known

5.3 Advice for fire-fighters

Wear self-contained breathing apparatus. Wear protective clothing.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2 Environmental precautions

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

6.3 Methods and material for containment and cleaning up

Absorb into dry earth or sand. Transfer to a closable labeled salvage container for disposal by an appropriate method.

SECTION 7: Handling and storage

7.1 Handling

Ensure there is sufficient ventilation of the area. Smoking is forbidden.

7.2 Storage

Store in cool, well ventilated area. Keep container tightly closed. Must only be kept in original packaging.

SECTION 8: Exposure controls/personal protection

8.1 Exposure controls

8.1a) Control measures

Ensure there is sufficient ventilation of the area. Ensure all engineering Measures mentioned in section 7 of SDS are in place.

8.1b) Personal protective equipment

Respiratory protection
Hand protection
Eye protection
Skin protection

Respiratory protection not required
Protective gloves
Safety glasses. Ensure eye bath is to hand.
Protective clothing

8.1c) Environmental exposure controls

Refer to specific Member State legislation for requirements under Community environmental legislation.

SAFETY DATA SHEET – CODACIDE

according to Regulation (EC) No. 1907/2006

Revision: 8.00 EU (EN)

Issuing date: 24.9.17

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

State:	Liquid
Colour:	Yellow-gold
Odour:	Characteristic odour
Evaporation rate:	Slow
Oxidising:	Non-oxidising (by EC criteria)
Solubility in water:	Miscible in all proportions
Also soluble in:	Organic non-polar solvents
Viscosity:	Oily
Boiling point/range°C:	> 240
Flammability limits %: lower:	No Data
Flash point°C:	> 193
Autoflammability°C:	> 246
Relative density:	0.9115
VOC g/l:	No Data
Melting point/range°C:	- 15
upper:	No Data
Part.coeff. n-octanol/water:	No Data
Vapour pressure:	No Data
pH:	7.2

9.2 Other information

Not applicable

SECTION 10: Stability and reactivity

10.1 Reactivity

Stable under recommended transport or storage conditions

10.2 Chemical stability

Stable under normal conditions

10.3 Possibility of hazardous reactions

Hazardous reactions will not occur under normal transport or storage conditions.

10.4 Conditions to avoid

Heat. Flames

10.5 Incompatible materials

Strong oxidizing agents. Strong acids.

10.6 Hazardous decomposition products

No thermal decomposition if used according to specifications.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Toxicity values:

Route	Species	Test	Value	Units
ORAL	RAT	LD50	> 5000	mg/kg
DERMAL	RAT	LD50	> 5000	mg/kg

Excluded effects for mixture:

Effect	Route	Basis
Acute toxicity (harmful)	-	Based on available data the classification criteria are not met
Irritation	-	Based on available data the classification criteria are not met

Symptoms/routes of exposure:

Skin contact:	No symptoms known.
Eye contact:	No Symptoms known
Ingestion	No symptoms known
Inhalation:	No symptoms known.
Delayed / immediate effects:	Not applicable.
Other information:	Not applicable.

SECTION 12: Ecological information

12.1 Ecotoxicity

Ecotoxicity values:

Species	Test	Value	Units
BROOK TROUT (<i>Salvelinusfontinalis</i>)	96H LC50	> 100	mg/l
Daphnia magna	48H EC50	354	mg/l
Earthworm	96H LC50	> 8000	mg/kg
Honey Bee	LD50	> 100	µg/kg

12.2 Mobility in soil

Readily absorbed in soil

12.3 Persistence and degradability

Rapidly biodegradable

12.4 Bioaccumulative potential

No bioaccumulation potential

12.5 Results of PBT and vPvB assessment

This substance is not identified as a PBT substance

12.6 Other adverse effects

Negligible ecotoxicity

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Transfer to a suitable container and arrange for collection by a specialized disposal company.

13.2 Advice on cleaning and disposal of packaging

Dispose of as normal industrial waste. N.B There may be regional or national regulations regarding disposal

Recovery operations – Use principally as a fuel or other means to generate energy

SECTION 14: Transport information

This product is not classified for transport

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SECTION 15: Regulatory information

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

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

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

SECTION 16: Other information

16.1 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. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Microcide Ltd and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.