



SAFETY DATA SHEET

Liquid Release Agent

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758 and SI 2020/1577

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

1.1 Product identifier

Product Name Liquid Release Agent
CAS No. -
EC No. 919-164-8
Registration number(s)

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

Identified Use(s) Professional use .
Uses Advised Against Not known.

1.3 Details of the supplier of the safety data sheet

Manufacturer

Company Identification Multicrete Products Limited
Address of Manufacturer Units 1-2 Commerce Street
Carrs Industrial Estate
Haslingden
Rossendale
Lancashire
Postal code BB4 5JT
Telephone: 01706 212135
Fax 01706 217642
E-mail sales@multicreteproducts.co.uk
Office hours 08.30-16.30

Supplier

Company Identification Multicrete Products Limited
Address of Supplier Units 1-2 Commerce Street
Carrs Industrial Estate
Haslingden
Rossendale
Lancashire
Postal code BB4 5JT
Telephone: 01706 212135
Fax 01706 217642
E-mail sales@multicreteproducts.co.uk
Office hours 08.30-16.30

1.4 Emergency telephone number

Emergency Phone No. 01706 212135
Contact Christopher Barrientos

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture



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GB CLP Regulation, UK SI 2019/720 and UK SI 2020/1567

Asp. Tox. 1 : May be fatal if swallowed and enters airways.
STOT RE 1 : Causes damage to the central nervous system through prolonged or repeated exposure if inhaled.
Aquatic Chronic 3 : Harmful to aquatic life with long lasting effects.

2.2 Label elements

Product Name According to GB CLP Regulations, UK SI 2019/720 and UK SI 2020/1567
Liquid Release Agent

Hazard Pictogram(s)



GHS08

Signal Word(s)

Danger

Hazard Statement(s)

H304: May be fatal if swallowed and enters airways.
H372: Causes damage to the central nervous system through prolonged or repeated exposure if inhaled.
H412: Harmful to aquatic life with long lasting effects.

Precautionary Statement(s)

None.

2.3 Other hazards

None known.

2.4 Additional Information

For full text of H/P Statements see section 16.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

HAZARDOUS INGREDIENT(S)	CAS No.	EC No. / Registration number(s)	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)		919-164-8	>98	Asp. Tox. 1 H304 STOT RE 1 H372 Aquatic Chronic 3 H412	GHS08

3.2 Mixtures

Not applicable.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation

If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

Skin Contact

Wash with plenty of water.



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Eye Contact Flush eyes with water for at least 15 minutes while holding eyelids open.
Ingestion Do NOT induce vomiting. Immediately call a POISON CENTRE/doctor.

4.2 Most important symptoms and effects, both acute and delayed

May be fatal if swallowed and enters airways. Causes damage to the central nervous system through prolonged or repeated exposure if inhaled.

4.3 Indication of any immediate medical attention and special treatment needed

Unlikely to be required but if necessary treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing media Extinguish with carbon dioxide, dry chemical, foam or waterspray.
Unsuitable extinguishing media Do not use water jet.

5.2 Special hazards arising from the substance or mixture

Decomposes in a fire giving off toxic fumes: Carbon monoxide, Carbon dioxide, Hydrocarbons, Aldehyde

5.3 Advice for firefighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Wear suitable protective clothing, gloves and eye/face protection.

6.2 Environmental precautions

Avoid release to the environment.

6.3 Methods and material for containment and cleaning up

Adsorb spillages onto sand, earth or any suitable adsorbent material. Transfer to a container for disposal.

6.4 Reference to other sections

See Also Section 8, 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Provide adequate ventilation. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection. Wash hands and exposed skin thoroughly after handling.

7.2 Conditions for safe storage, including any incompatibilities

Storage temperature Store locked up.
Storage life Ambient.
Storage life Stable under normal conditions.
Incompatible materials Strong oxidising agents.

7.3 Specific end use(s)



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Professional use .

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational Exposure Limits No Occupational Exposure Limit assigned.

8.2 Exposure controls

8.2.1. Appropriate engineering controls Use with ventilation, local exhaust ventilation or breathing protection.

8.2.2. Personal protection equipment



Eye Protection

Wear protective eye glasses for protection against liquid splashes.



Skin protection

Wear suitable gloves if prolonged skin contact is likely. Breakthrough time of the glove material: refer to the information provided by the gloves' producer.



Respiratory protection

Wear respiratory protection.



Thermal hazards

Not applicable.

8.2.3. Environmental Exposure Controls Avoid release to the environment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Liquid. Colour : Pale yellow.
Odour	Missing Phrase
Odour threshold	Not known.
pH	Not known.
Melting point/freezing point	Not known.
Initial boiling point and boiling range	160-247°C
Flash Point	>61°C
Evaporation rate	Not known.
Flammability (solid, gas)	Not known.
Upper/lower flammability or explosive limits	Flammable Limits (Lower) (%v/v) : 0.6 Flammable Limits (Upper) (%v/v) : 7
Vapour pressure	0.05kPa @ 20
Vapour density	Not known.
Density (g/ml)	Not known.
Relative density	0.76-0.85@ 15°C
Solubility(ies)	Solubility (Water) : Insoluble in water. Solubility (Other) : Not known.



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Partition coefficient: n-octanol/water	Not known.
Auto-ignition temperature	>200°C
Decomposition Temperature (°C)	Not known.
Viscosity	1.3-2.2mm ² /s @ 20°C
Explosive properties	Not explosive.
Oxidising properties	Not oxidising.

9.2 Other information

None.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Stable under normal conditions.

10.2 Chemical Stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose.

10.4 Conditions to avoid

Heat and direct sunlight.

10.5 Incompatible materials

Strong oxidising agents.

10.6 Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity - Ingestion	Not classified. LD50 (oral) (rat) : 15000mg/kg
Acute toxicity - Skin Contact	Not classified. LD50 (Dermal) (rabbit) : 3400mg/kg
Acute toxicity - Inhalation	Not classified. LC50 (Inhalation) (rat) : 13.1mg/l
Skin corrosion/irritation	Not classified.
Serious eye damage/irritation	Not classified.
Skin sensitization data	Not classified.
Respiratory sensitization data	Not classified.
Germ cell mutagenicity	Not classified.
Carcinogenicity	Not classified.
Reproductive toxicity	Not classified.
Lactation	Not classified.



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STOT - single exposure	Not classified.
STOT - repeated exposure	Causes damage to the central nervous system through prolonged or repeated exposure if inhaled.
Aspiration hazard	May be fatal if swallowed and enters airways.

11.2 Other information

Not known.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Harmful to aquatic life with long lasting effects.

Toxicity - Aquatic invertebrates	LC50 (Daphnia magna) : 10-22mg/l
Toxicity - Fish	LC50 (96 hour) (Rainbow trout) : <1mg/l
Toxicity - Algae	EC50 (72 hour) : 0.22-0.76mg/l
Toxicity - Sediment Compartment	Not classified.
Toxicity - Terrestrial Compartment	Not classified.

12.2 Persistence and degradability

Readily biodegradable.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

Insoluble in water. The substance is predicted to have low mobility in soil.

12.5 Results of PBT and vPvB assessment

Not classified as PBT or vPvB.

12.6 Other adverse effects

Not known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Dispose of this material and its container as hazardous waste.

13.2 Additional Information

Disposal should be in accordance with local, state or national legislation.

SECTION 14: TRANSPORT INFORMATION

Not classified as hazardous for transport.

14.1 UN number

Not applicable

14.2 UN proper shipping name

Not applicable



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14.3 Transport hazard class(es)

Not applicable

14.4 Packing group

Not applicable

14.5 Environmental hazards

Not classified as a Marine Pollutant.

14.6 Special precautions for user

Not known

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not known

SECTION 15: REGULATORY INFORMATION

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

United Kingdom Regulations - Authorisations and/or Restrictions On Use

UK REACH Candidate List of Substances of Very High Concern for Authorisation Not listed

UK REACH Authorisation List (Annex XIV) list of substances subject to authorisation Not listed

UK REACH Restrictions List (Annex XVII) Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%) ()

The Persistent Organic Pollutants Regulations 2007 (SI 2007/3106) as amended Not listed

The Ozone-Depleting Substances and Fluorinated Greenhouse Gases (Amendment etc.) (EU Exit) Regulations 2019 (SI 2019/583) Not listed

The Prior Informed Consent (PIC) Regulations concerning the export and import of hazardous chemicals SI2008/2108 as amended Not listed

European Regulations - Authorisations and/or Restrictions On Use

Community Rolling Action Plan (CoRAP) Not listed

15.2 Chemical Safety Assessment

United Kingdom A REACH chemical safety assessment has not been carried out.

SECTION 16: OTHER INFORMATION



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The following sections contain 1-16
revisions or new statements:

LEGEND

Hazard Pictogram(s)



GHS08

Hazard classification

Asp. Tox. 1 : Aspiration hazard, Category 1
STOT RE 1 : Specific target organ toxicity — repeated exposure, Category 1
Aquatic Chronic 3 : Hazardous to the aquatic environment, Chronic, Category 3

Hazard Statement(s)

H304: May be fatal if swallowed and enters airways.
H372: Causes damage to the central nervous system through prolonged or repeated exposure if inhaled.
H412: Harmful to aquatic life with long lasting effects.

Precautionary Statement(s)

P260: Do not breathe vapour.
P264: Wash hands and exposed skin thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.
P273: Avoid release to the environment.
P301+P310: IF SWALLOWED: Immediately call a POISON CENTRE/doctor.
P314: Get medical advice/attention if you feel unwell.
P331: Do NOT induce vomiting.
P405: Store locked up.
P501: Dispose of contents in accordance with local, state or national legislation.

Acronyms

ATE : Acute Toxicity Estimate
CAS : Chemical Abstracts Service
DNEL : Derived No Effect Level
EC : European Community
EINECS : European Inventory of Existing Commercial Chemical Substances
LTEL : Long term exposure limit
PBT : Persistent, Bioaccumulative and Toxic
PNEC : Predicted No Effect Concentration
REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals
STEL : Short term exposure limit
STOT : Specific Target Organ Toxicity
vPvB : very Persistent and very Bioaccumulative

Key literature references and
sources for data used to compile
the SDS

GB CLP Regulation, UK SI 2019/720 and UK SI 2020/1567

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