

SAFETY DATA SHEET according to Regulation (EC) 2020/878

SECTION 1. IDENTIFICATION OF THE MIXTURE AND OF THE COMPANY

1.1 Product identifier

Trade name and/or other names and company product codes by which the mixture can be identified:

Product name: Ecofective Slug Defence Plant Spray RTU

Product code: ECF0067

1.2 Relevant identified uses of the mixture and uses advised against

1.2.1 Relevant identified uses

Home Garden plant treatment

1.2.2 Uses advised against

n/a

1.3 Details of the supplier of the safety data sheet

Sipcam Home & Garden Ltd,
4c Archway House, The Lanterns, Melborne Street, Royston, SG8 7BX
Tel: 01763 212103 Email: enquiries@sipcamhg.co.uk

1.4 Emergency telephone number

For advice on medical emergencies, fires or major spills:

Available: 9am – 5pm 01763 212103

National Emergency Telephone Numbers

UK National Poisons Information Service 0121 507 4123 / 24h (GMT) / English or NHS 111

SECTION 2. IDENTIFICATION OF THE MIXTURE AND OF THE COMPANY

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) no. 1272/2008 [CLP]

Not classified.

2.2 Label elements: Labelling according to Regulation (EC) no. 1272/2008 [CLP]

Hazard pictograms: Not required

Signal word: Not required

Hazard statements: Not required

Precautionary statements:

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

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2.3 Other hazards

This mixture does not meet the PBT criteria of REACH Regulation, Annex XIII.

This mixture does not meet the vPvB criteria of REACH Regulation, Annex XIII.

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

3.2 Mixtures

Chemical Name	CAS-No./ EC-No.	Conc. (w/w)	Classification according to Reg. 1272/2008
Silicic acid, potassium salt	CAS: 1312-76-1 EC: 215-199-1	>1.0%	Skin Corr 1B: H314 Causes severe skin burns and eye damage. Eye Damage 1: H318 Causes serious eye damage.

Additional information

For full text of H-phrases, see Section 16.

SECTION 4. FIRST AID MEASURES

4.1. Description of first aid measures

First-aid measures general: Call a poison centre or a doctor if you feel unwell.

First-aid measures after inhalation: Remove person to fresh air and keep comfortable for breathing.

Call a poison centre or a doctor if you feel unwell.

First-aid measures after skin contact: Rinse immediately with plenty of water. In case of a skin reaction, consult a physician.

First-aid measures after eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion: Do NOT induce vomiting. Obtain emergency medical attention.

4.2. Most important symptoms and effects, both acute and delayed

None reported.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5. FIRE FIGHTING MEASURES

5.1. Extinguishing media

Product is not flammable.

Suitable extinguishing media: Dry chemical powder, alcohol-resistant foam, carbon dioxide (CO₂).

Unsuitable extinguishing media: High volume water jet.

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5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire: Hazardous decomposition products may be released during prolonged heating like smokes, carbon monoxide and dioxide, nitrogen oxides (NO_x).

5.3. Advice for firefighters

Provide storage and work areas with suitable fire extinguishers.
Call the Fire Brigade at once to deal with all fires unless the fire is small and immediately controllable. Spray unopened containers with a mist spray to keep cool. If without risk, remove intact containers from exposure to fire. Contain fire-fighting water, bunding if necessary with sand or earth. Do not allow contamination of public drains or surface or ground waters. Dispose of fire debris and contaminated water according to all relevant national legislation.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel

Emergency procedures: Evacuate unnecessary personnel. Ventilate spillage area. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes.

Remove immediately any contaminated clothing. Call the emergency services if the release is not immediately controllable. If the release is localised and immediately controllable, wear a Self-Contained Breathing Apparatus (SCBA) and try and control the release at its source.

Protective equipment: Wear prescribed personal protective equipment to prevent inhalation and contact with eyes and skin. A Self-Contained Breathing Apparatus (SCBA) may be required if there is an elevated risk for exposure.

6.1.2. For emergency responders

Protective equipment: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

appropriate containment to avoid environmental contamination. Control the release at its source. Contain spills to prevent it from spreading, contaminating soil or entering sewage and drainage systems or any body of water. Inform the local water authorities if the release enters drains, surface or ground waters.

6.3. Methods and material for containment and cleaning up

For containment

Wear prescribed personal protective equipment to prevent inhalation and contact with eyes and skin. A Self-Contained Breathing Apparatus (SCBA) may be required if there is an elevated risk for exposure. Clean up spills immediately and place in a compatible disposal container. Contain spill by diking with earth, sand or absorbent material and place into a compatible marked disposal container.

For cleaning up

The mixture is a liquid emulsion concentrate. Scrub area with a hard water detergent. Soak up wash liquid with additional absorbent material and place into a compatible marked disposal container. Seal container and arrange for disposal.

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Other information

Not Applicable

6.4. Reference to other sections

Refer to Section 8 for personal protective equipment and to Section 13 for disposal instructions.

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Do not handle until all safety precautions have been read and understood. Provide suitable ventilation in the areas where the product is stored and used. Contaminated work clothing should not be allowed out of the workplace. Avoid all contact by mouth, with eyes and skin. Wear personal protective equipment as specified in Section 8. When using, do not eat, drink or smoke. Remove contaminated clothing and protective equipment before meals and after work. Wash hands and exposed skin before meals and after work. Wash all protective clothing thoroughly after use, especially the insides of gloves. Provide eyewash facilities when possible.

7.2 Conditions for safe storage, including any incompatibilities

The mixture is stable under normal ambient conditions. Keep in original container, in a dry, cool and safe place. Store in a locked, suitable store. Keep away from any source of ignition. Keep out of the reach of children and unauthorised personnel. Keep away from food, drink and animal feeding stuffs.

7.3 Specific end use(s)

Product for professional use only as directed by the product label.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

8.1 Control Parameters

Occupational Exposure limit values

Occupational Exposure limit values have been set for the following components:

None set for components in HSE document EH40/2005 (Fourth Edition 2020)

Derived No-Effect Levels (DNELs):

Not identified

8.2 Exposure controls

8.2.1 Appropriate engineering controls

Engineering controls and appropriate work processes must be used to eliminate or reduce worker and environmental exposure in the areas where the product is handled, transported, loaded, unloaded, stored and used. These measures must be adequate for the extent of the actual risk. Provide adequate local exhaust ventilation. Use specialized transfer systems if available.

8.2.2 Personal protection equipment

The product is considered unclassified according to regulation (EC) 1272/2008. The following PPE can be considered good working practice when handling chemical.

Eye and face protection:

Wear suitable eye protection (EN 166).

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Skin protection:

Hand protection: Wear suitable protective gloves against chemicals (EN 374 part 1, 2, 3). Nitrile rubber min. 0.5mm thick and 300mm long gloves are the ones proven to be the most suitable according to tests on chemical products.

Wash the gloves thoroughly after each use, especially the insides. Replace gloves if damaged and before exceeding the breakthrough time.

Body protection: Avoid contact with skin. If there is a significant potential for contact, wear suitable coveralls (ISO 13982-1, Type 5, EN 13034, Type 6).

Other skin protection: None specified.

Respiratory protection:

Wear suitable respiratory protection. If a risk assessment shows that engineering controls do not provide adequate respiratory protection to exposure, wear a Self-Contained Breathing Apparatus (SCBA).

Thermal hazards:

Not required under appropriate product use and storage.

8.2.3 Environmental exposure controls

Implement all applicable local and community environmental protection legislation. Refer to Section 15. Use appropriate containment to avoid environmental contamination. Do not empty into drains. Do not contaminate water with the product or used container. Do not clean application equipment near surface water. Avoid contamination via drains from farmyards and roads. Refer to Section 12 and 13.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

All the data contained in this section are derived from similar mixtures unless otherwise stated.

a)	Physical state:	liquid
	Colour:	No data available
b)	Odour:	No data available
c)	Odour threshold:	No data available
d)	Melting point/freezing point:	No data available
e)	Initial boiling point and boiling range:	No data available
f)	Flammability (gas, liquid, solid):	Not flammable
g)	Upper/lower explosion limits:	Not explosive
h)	Flash point:	Not applicable
i)	Auto-ignition temperature:	No data available
j)	Decomposition temperature:	No data available
k)	pH:	10.40 – 10.80
l)	Dynamic viscosity	No data available
m)	Solubility(ies)	Completely soluble
n)	Partition coefficient: n-octanol/water:	No data available
o)	Vapour pressure:	No data available
p)	Density/relative density	0.9 – 1.1
q)	Relative vapour density	No data available
r)	Particle characteristics	No data available

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9.2 Other information

9.2.1 Information with regard to physical hazard classes

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9.2.2 Other safety characteristics

None

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity

Not applicable.

10.2 Chemical stability

Stable when stored in original container under normal conditions of storage and use.

10.3 Possibility of hazardous reactions

No additional information available.

10.4 Conditions to avoid

No additional information available.

10.5 Incompatible materials

No additional information available.

10.6 Hazardous decomposition products

During decomposition evolves toxic and corrosive fumes which may including carbon oxides, nitrogen oxides, sulphur oxides.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

All the data contained in this section are derived from actual test data on a similar mixture unless otherwise stated.

(a) acute toxicity: Based on available data, the classification criteria are not met.

(b) skin corrosion/irritation: Based on available data, the classification criteria are not met.

(c) serious eye damage/irritation: Based on available data, the classification criteria are not met.

(d) respiratory or skin sensitisation: Based on available data, the classification criteria are not met.

(e) germ cell mutagenicity: Based on available data, the classification criteria are not met.

(f) carcinogenicity: Based on available data, the classification criteria are not met.

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- (g) reproductive toxicity:** Based on available data, the classification criteria are not met.
- (h) STOT-single exposure:** Based on available data, the classification criteria are not met.
- (i) STOT-repeated exposure:** Based on available data, the classification criteria are not met.
- (j) aspiration hazard:** Based on available data, the classification criteria are not met.

11.2 Information on other hazards:

Endocrine disrupting properties: None
Other information: None

SECTION 12. ECOLOGICAL INFORMATION

All the information and data contained in this section are derived from data on the active substance, unless indicated otherwise.

12.1 Toxicity

Sodium hypochlorite

12.2. Persistence and degradability: Readily biodegradable

12.3. Bioaccumulative potential: Bioaccumulation potential expected to be low.

12.4. Mobility in soil: Data not available.

12.5. Results of PBT and vPvB assessment

This substance is not considered to be persistent, bioaccumulating and toxic (PBT).

This mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6. Endocrine disrupting properties: None.

12.7. Other adverse effects: No additional information available.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

For the handling and management of accidental release, follow the information given under Section 6 and 7.

Do not contaminate ponds, waterways or ditches with chemical or used container.

Do not dispose of waste into sewer.

Disposal must be done according to official regulations.

Ecology - waste materials: Triple rinse containers.
Empty containers should be taken to an approved waste handling site for recycling or disposal.
Do not re-use empty containers.

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SECTION 15. TRANSPORT INFORMATION

14.1. UN number or ID number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Not applicable.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Not applicable.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to according to IMO instruments

Not applicable.

SECTION 15. REGULATORY INFORMATION

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

EU Regulations

REGULATION (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

REGULATION (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

National Regulations/legislation:

Refer to applicable national classification, packaging and labelling legislation.

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15.2 Chemical Safety Assessment

No Chemical Safety Assessment under Regulation (EC) 1907/2006 has been carried out.

SECTION 16. OTHER INFORMATION

(a) Abbreviations and acronyms:

Eye Dam. 1	Eye Damage Category 1
Skin Corr. 1A/B	Skin Corrosion Category 1A/B

(b) Key literature references and sources for data:

Safety Data Sheets for ingredients.
ECHA Database
ECHA Guidance on the compilation of safety data sheets
ECHA guidance on the Application of the CLP Criteria

(c) Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008:

Calculation based on methods in Regulation (EC) 1272/2008.

(d) Relevant H-statements and precautionary statements not written out in full under Sections 2 to 15:

n/a

(e) Training advice:

General occupational hygiene training recommended.

(f) Further information:

The information and recommendations in this publication are, to the best of our knowledge, information and belief, accurate at the date of publication. Nothing herein is to be construed as a warranty, expressed or implied. In all cases it is the responsibility of the user to determine the applicability of such information or the suitability of any products for their own particular purpose. This Safety Data Sheet was compiled in compliance with Regulation (EC) 1907/2006 as amended by 2020/878.