
SAFETY DATA SHEET

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

1.1 Product identifier

- Product Name: SMARTSEAL - XTREME WEED KILLER
- UFI:

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

- Use of the substance/mixture: Removes organic matter

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: SMARTSEAL UK LTD
- Address of Supplier: UNIT 3
65-67 CUTLERS ROAD
SOUTH WOODHAM FERRERS
CHELMSFORD
ESSEX
CM3 5WA
- Telephone: 01268722500
- Responsible Person: Nick Giannotti
- Email: Contactus@smartseal.co.uk

1.4 Emergency telephone number

- Emergency Telephone: 01268722500

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

- CLP: Not classified as hazardous for users

2.2 Label elements

- Signal Word: None assigned

2.2.1 Hazard statements

None assigned

2.2.2 Precautionary statements

P103 - Read label before use.

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

P102 - Keep out of reach of children.

P270 Do not eat drink or smoke when using this product.

P234 keep only in original container.

P501 Dispose of contents/ container in accordance with national regulations.

EUH401 - To avoid risks to human health and the environment, comply with the instructions for use.

2.3 Other hazards

SECTION 3: Composition/information on ingredients**3.2 Mixtures****3.2.1 acetic acid 99.9%**

CAS Number:	64-19-7
EC Number:	200-580-7
Concentration:	0-10%
Specific Concentration Limits:	None assigned
M factor:	
Acute toxicity estimate:	
Categories:	Flam. Liq. 3, Skin Corr. 1A
Symbols:	GHS02;GHS05
H Statements:	H226;H314

SECTION 4: First aid measures**4.1 Description of first aid measures**

- IF IN EYES: 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.
- IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- Get medical attention if symptoms occur.
- After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water
- Get medical attention if symptoms occur.
- If swallowed, rinse mouth with water (only if the person is conscious)
- Get medical attention if symptoms occur.

4.2 Most important symptoms and effects, both acute and delayed

- There are no known reactivity hazards associated with this product.

4.3 Indication of any immediate medical attention and special treatment needed

- Treat symptomatically.
 - Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
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SECTION 5: Firefighting measures**5.1 Extinguishing media**

- Use an extinguishing agent suitable for the surrounding fire.

5.2 Special hazards arising from the substance or mixture

- In a fire or if heated, a pressure increase will occur and the container may burst.
- Decomposition products may include the following materials:
carbon dioxide
carbon monoxide

5.3 Advice for firefighters

SECTION 5: Firefighting measures (....)

- Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
 - Fire-fighters should wear appropriate protective equipment and self contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
- For emergency responders : If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

6.2 Environmental precautions

- Do not discharge into drains or watercourses or onto the ground. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

6.3 Methods and material for containment and cleaning up

- No special precautions are required for this product

6.4 Reference to other sections

- Wear protective clothing as described in Section 8 of this safety data sheet. For waste disposal, see section 13.
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SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Protective measures : Put on appropriate personal protective equipment (see Section 8).
Advice on general occupational hygiene
: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

SECTION 7: Handling and storage (....)

- Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

7.3 Specific end use(s)

- The identified uses for this product are detailed in Section 1.2.
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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

- No exposure limits have been set for this substance

8.2 Exposure controls

Individual protection measures

Hygiene measures : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

Skin protection

Hand protection : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Body protection : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other skin protection : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection : Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Environmental exposure controls : Emissions from ventilation or work process equipment should be

SECTION 8: Exposure controls/personal protection (....)

checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

- Physical state: Liquid
- Colour: Colourless
- Odour: Irritating odour
- Melting point/Range: No information available
- Boiling Point/Range: >100°C
- Flammability: Not flammable
- pH: 2.4
- Solubility in water: Completely soluble in water
- Density: 1.01
- Flashpoint: Not applicable

9.2 Other information

- No data available
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SECTION 10: Stability and reactivity**10.1 Reactivity**

- No hazardous reactions known if used for its intended purpose

10.2 Chemical stability

- Stable

10.3 Possibility of hazardous reactions

- No hazardous reactions known if used for its intended purpose

10.4 Conditions to avoid

- No special precautions are required for this product

10.5 Incompatible materials

- None

10.6 Hazardous decomposition products

- No hazardous decomposition products known
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SECTION 11: Toxicological information**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008****11.1.1 Acute toxicity****11.1.2 Skin corrosion/irritation**

Skin irritation should not occur when used as recommended.

SECTION 11: Toxicological information (....)

11.1.3 Serious eye damage/irritation

May cause skin irritation.

11.1.4 Respiratory or skin sensitisation

May cause respiratory irritation.

11.1.5 Germ cell mutagenicity

Not classified

11.1.6 Carcinogenicity

Not classified

11.1.7 Reproductive toxicity

Not classified

11.1.8 STOT (specific target organ toxicity) - single exposure

Not classified

11.1.9 STOT (specific target organ toxicity) - repeated exposure

Not classified

11.1.10 Aspiration hazard

Not classified

11.2 Information on other hazards

SECTION 12: Ecological information

12.1 Toxicity

- No information available

12.2 Persistence and degradability

- No information available

12.3 Bioaccumulative potential

- No information available

12.4 Mobility in soil

- miscible with water

12.5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII

12.6 Endocrine disrupting properties

- Not classified

12.7 Other adverse effects

- Pesticide

SECTION 13: Disposal considerations

13.1 Waste treatment methods

SECTION 13: Disposal considerations (....)

- No special precautions are required for this product
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SECTION 14: Transport information

14.1 UN number or ID number

- UN No.: Not applicable

14.2 UN proper shipping name

- Proper Shipping Name: Not applicable

14.3 Transport hazard class(es)

- Hazard Class:

14.4 Packing group

- Packing Group:

14.5 Environmental hazards

- On available data, substance is not harmful to the environment

14.6 Special precautions for user

14.7 Maritime transport in bulk according to IMO instruments

- Not applicable
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SECTION 15: Regulatory information

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

- EU legislation 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) (as amended).
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 (as amended).
Commission Regulation (EU) No 2015/830 of 28 May 2015.
This product may impact SEVESO storage regulations.

15.2 Chemical safety assessment

- A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.
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SECTION 16: Other information

**Text not given with phrase codes where they are used elsewhere in this safety data sheet:-
H226: Flammable liquid and vapour. H314: Causes severe skin burns and eye damage.**

o the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should

SECTION 16: Other information (....)

be used with
caution. Although certain hazards are described herein, we cannot guarantee that these are
the only
hazards that exist.

--- end of safety datasheet ---
