



SAFETY DATA SHEET

Product Name: Yucca Wetter

Revision number: 003 (Replaces 002 Dated 21/06/17)
Dated: 10/10/17

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier:

Product Name: Yucca Wetter

Product Number: L/YUCCA/...

1.2 Relevant Identified Uses: Horticultural fertiliser

1.3 Details of the Supplier of SDS:

GreenBest Ltd, Unit 2 The Marsh, Henstridge, Somerset, BA8 0TF
TEL: +44 (0) 1963 364788 Fax: +44 (0) 1963 364789
info@greenbest.co.uk

1.4 Emergency Telephone Number:

+44 (0) 1963 634788 – Normal hours are 07:30-16:30 Mon-Fri.
+44 (0) 7801 644405 – Out of normal hours only.

SECTION 2. HAZARDS IDENTIFICATION

2.1 Classification of the substance of mixture according to Regulation (EC) No.1272/2008:

Physical hazards: None

Health hazards: None

Environmental hazards: Not Classified

2.2 Label elements:

Pictogram: None

Signal word: None

Hazard statements: Not required for label (see section 3) *

H code	Statement
H302	Harmful if swallowed
H312	Harmful in contact with skin
H318	Causes serious eye damage
H314	Causes severe skin burns and eye damage
H331	Toxic if inhaled
H371	May cause damage to organs

Precautionary statements:

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P code	Statement
P280	Wear protective gloves/clothing/eye protection/face protection
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so
P264	Wash contaminated skin thoroughly after handling

Supplementary precautionary statements:

Code	Statement
P337+P313	If eye irritation persists: Get medical attention/advice.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P303+P361+P353	IF ON SKIN(or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P403+P235	Store in a well ventilated place. Keep cool.
P501	Dispose of contents/container in accordance with national regulations.
P233	Keep container tightly closed
P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P301+P330+P331	IF SWALLOWED: rinse mouth. Do not induce vomiting.
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Hazardous components which must be listed on the label- Formaldehyde, Methanol.

2.3 Other hazards:

This product is not classified as PBT or vPvB according to current EU criteria.

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SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS.

Substance	CAS Number	EC Number	REACH Registration Number	%	Classification according to Regulation (EC) No 1278/2008 (CLP)
Saponins	8047-15-2	232-462-6	N/A	N/A	Not classified
Ammonium Laureth Sulphate	32612-48-9	N/A	N/A	<1	Skin Irrit. 2 - H315 Eye Dam. 1 - H318
Alcohol	64-17-5	200-578-6	N/A	<0.1	Flam. Liq. 2 - H225
Methanol	67-56-1	200-659-6	N/A	<1	Flam. Liq. 2 - H225 Acute Tox. 3 - H301 Acute Tox. 3 - H311 Acute Tox. 3 - H331 STOT SE 1 - H370
Formaldehyde	50-00-0	200-001-8	N/A	<0.1	Acute Tox. 2 - H331 Acute Tox. 3 - H311 Acute Tox. 3 - H301 Skin Corrosion 1B - H314 Skin Sensitisation 1 - H317
<i>All ingredients below classification levels for label. *</i>					
All other ingredients do not require classification according to Regulation (EC) No 1278/2008 (CLP)					

SECTION 4. FIRST AID MEASURES

4.1 Description of first aid measures:

General advice: First aider needs to protect themselves.

4.1.1 Inhalation: Move affected person to fresh air immediately. Keep warm and at rest in a position comfortable for breathing. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. If breathing is irregular or stopped, administer artificial respiration. Oxygen if needed. No artificial respiration, mouth-to-mouth or mouth-to-nose. Use suitable instruments/apparatus. Call a physician immediately.

4.1.2 Skin Contact: Rinse with plenty of water. Remove contaminated clothing and wash thoroughly with detergent before re-use. Call a physician immediately.

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4.1.3 Eye Contact: Irrigate thoroughly with water for at least 15 minutes. Obtain medical attention immediately. Go to an ophthalmic hospital if possible.

4.1.4 Ingestion: Wash out mouth with water. Do not induce vomiting. If patient is conscious, give water to drink. Do not induce vomiting. Seek medical attention immediately.

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

See section 11 for more detailed information on health effects and symptoms.

General Information: Persons suffering from asthma, eczema or skin problems should avoid contact, including dermal contact, with this product.

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

General information: Treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media:

Use CO₂, foam or dry powder. Do not use water.

5.2 Special hazards arising from the substance or mixture:

May give off fumes if heated to decomposition. Do not breathe fumes.

5.3 Advice for firefighters:

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Use water spray to cool unopened containers, Prevent run-off from fire control or dilution from entering streams, sewers or drinking water supply.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Provide adequate ventilation. Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. No smoking, sparks, flames or other sources of ignition near spillage.

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6.2 Environmental precautions:

Avoid pollution of sewers and watercourses.

SECTION 7. HANDLING AND STORAGE

Absorb with liquid-binding material(sand, universal binders). Keep combustible materials away from spillage. Contain and sweep up spillages. Place unusable material in clearly labelled containers or plastic bags for disposal. Wet residues are slippery, wash floors to remove all traces.

7.1 Precautions for safe handling:

Avoid spilling. Avoid contact with skin and eyes. Use mechanical ventilation if there is a risk of handling causing formation of airborne dust. Avoid inhalation of dust. Wash hands thoroughly after handling.

Do not eat, drink or smoke when using this product. Wash at the end of each work shift and before eating, drinking, smoking and using the toilet. Emergency eye wash stations and emergency showers should be available in the immediate vicinity.

Wear suitable protective equipment for prolonged exposure and/or high concentrations of vapours, spray or mist.

7.2 Conditions for safe storage, including any incompatibilities:

Keep dry. Packs should be stored closed to avoid moisture ingress. Avoid prolonged contact with metals. Do not use food containers for storage due to risk of mistake.

Conditions of collocated storage:

Storage class 10 - 13 (Other liquids and solids)

Only substances of the same storage class should be stored together.

Collocated storage with the following substances is prohibited:

- Pharmaceuticals, foods, and animal feeds including additives.
- Infectious, radioactive and explosive substances.
- Strongly oxidizing substances of storage class 5.1A.

7.3 Specific end uses: For use only as a horticultural fertiliser.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters:

Formaldehyde:

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EH40 WEL, Short Term Exposure Limit (STEL):
2 ppm, 2.5 mg/m³

EH40 WEL, Time Weighted Average (TWA):
2 ppm, 2.5 mg/m³

ELV (IE), Short Term Exposure Limit (STEL):
2 ppm, 2.5 mg/m³

ELV (IE), Time Weighted Average (TWA):
2 ppm, 2.5 mg/m³

Methanol:

EU ELV, Time Weighted Average (TWA):
200 ppm, 260 mg/m³
Indicative

EH40 WEL, Short Term Exposure Limit (STEL):
250 ppm, 333 mg/m³

EH40 WEL, Skin designation:
Can be absorbed through the skin.




EH40 WEL, Time Weighted Average (TWA):
200 ppm, 266 mg/m³

ELV (IE), Short Term Exposure Limit (STEL):
250 ppm, 310 mg/m³
Indicative OELV

ELV (IE), Skin designation:
Can be absorbed through the skin.

ELV (IE), Time Weighted Average (TWA):
200 ppm, 260 mg/m³
Indicative OELV

8.2 Exposure Controls: *

Protective equipment 	Wear suitable face shield to prevent inhalation of spray/vapour.
	Nitrile gloves may be worn for personal hygiene purposes
	Wear coverall and rubber boots when dealing with bulk spillages

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Appropriate Engineering controls	Provide adequate ventilation Avoid inhalation of vapour/spray Observe any occupational exposure limits for the product Mechanical ventilation or local exhaust ventilation may be required
Eye/face protection	Wear tight-fitting chemical splash goggles or face shield Personal protective equipment for eye and face protection should comply with European Standard EN166
Hand protection	Chemical resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. To protect hands from chemicals gloves should comply with European Standard EN374. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material.
Other skin and body protection	Provide eyewash station and safety shower. Wear appropriate clothing to prevent skin contact
Hygiene measures	Do not smoke in work area. Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke
Respiratory protection	Respiratory protection must be used if the airborne contamination exceeds the recommended exposure limit. If ventilation is inadequate, suitable respiratory protection must be worn.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid
Colour	Dark brown
Odour	Pungent
Odour threshold	Not determined
pH value	N/A
Initial melting point (°C)	N/A
Initial boiling point and boiling range(°C)	N/A
Flash point	N/A
Flammability(solid)	N/A
Ignition temperature(°C)	N/A
Decomposition	N/A

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temperature(°C)	
Self-flammability(°C)	N/A
Danger of explosion(°C)	N/A
Vapour pressure	N/A
Bulk density	N/A
Vapour density	N/A
Evaporation rate	N/A
Solubility in/miscibility with water at 20 °C	N/A
Partition coefficient(n-octanol/water)	N/A
Viscosity dynamic at 20 °C	N/A

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity:

Stable product under recommended storage and handling conditions.

10.2 Chemical stability:

Stable product under recommended storage and handling conditions.

10.3 Possible hazardous reactions:

Stable under recommended storage and handling conditions.

10.4 Conditions to avoid:

Keep away from heat and sources of ignition.

10.5 Incompatible materials:

Strong acids.
Strong oxidising agents.
Strong alkalis.

Nitrogen oxides
Chlorides

10.6 Hazardous decomposition products:

Carbon oxides and other toxic gases or vapours.

SECTION 11. TOXICOLOGICAL INFORMATION

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11.1 Information on toxicological effects:

Acute toxicity	Toxic if swallowed.
Skin corrosion/irritation	Toxic in contact with skin/corrosive effects
Serious eye damage/irritation	Corrosive effects-risk of serious damage to eyes.
Respiratory or skin sensitisation	Toxic by inhalation
Germ cell mutagenicity	Based on available data the classification criteria are not met
Carcinogenicity	Based on available data the classification criteria are not met
Reproductive toxicity	Based on available data the classification criteria are not met
STOT-single exposure	Based on available data the classification criteria are not met
STOT-repeated exposure	Based on available data the classification criteria are not met
Aspiration hazard	Not applicable
Inhalation	Prolonged inhalation of high concentrations may damage respiratory system
Ingestion	May cause discomfort if swallowed
Likely routes of exposure	Contact with skin and eyes. Inhalation of dust

SECTION 12. ECOLOGICAL INFORMATION

12.1 Toxicity:

Release to watercourses may cause effects downstream.

12.2 Persistence and degradability:

Product is biodegradable.

12.3 Bioaccumulative potential:

Product does not bioaccumulate.

12.4 Mobility in soil:

Not determined

12.5 Results of PBT and vPvB assessment:

Does not fulfil the criteria for classification as PBT or vPvB.

12.6 Other adverse effects:

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Do not flush into surface water or sanitary sewer system. Harmful effects to aquatic organisms due to pH-shift

SECTION 13. DISPOSAL CONSIDERATION

Product: Dispose of waste to licensed waste disposal site in accordance with the requirements of the local waste disposal authority. Residues should be taken care of as hazardous waste according to local and national provisions.

Packaging: Treat as industrial waste. Empty containers should be taken care of as hazardous waste according to local and national provisions.

SECTION 14. TRANSPORT INFORMATION

General information:

This product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID)

14.1 UN Number:

N/A

14.2 UN proper shipping name:

N/A

14.3 Transport hazard class(es):

No transport warning sign required.

14.4 Packing group:

N/A

14.5 Environmental hazards:

None

14.6 Special precaution for user:

N/A

14.7 Transport in bulk according to Annex II MARPOL 73/78 and the IBC code:

N/A

SECTION 15. REGULATORY INFORMATION

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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).

Guidance: Workplace Exposure Limits EH40.

15.2 Chemical Safety Assessment:

No Chemical Safety Assessment has been carried out for this substance by the supplier.

SECTION 16. OTHER INFORMATION

Key literature references and sources for data:

http://gestis.itrust.de/nxt/gateway.dll/gestis_en/000000.xml?f=templates&fn=default.htm&vid=gestiseng:sdbeng

<https://echa.europa.eu/>

<http://www.chcs.org.uk/>

Further information: The information contained in this leaflet is given in good faith. It is accurate to the best of our knowledge and belief and represents the most up-to-date information at the time of publication. Providing our products are handled and used in accordance with the label instructions, they should offer no hazard to health or safety.

***Denotes amendment from previous issue.**