

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

**1.1. Product identifier**

Product name Supa Yucca

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

Identified uses Agriculture/Amenity Turf

**1.3. Details of the supplier of the safety data sheet**

**Company name:**

Origin Amenity Solutions Ltd

1-3 Freeman Court,

Jarman Way,

Orchard Road,

Royston,

Hertfordshire,

SG8 5HW

Tel: 0800 138 7222

Email: sales.symbio@originamenity.com

**1.1 Emergency phone number**

Emergency phone No. 0800 138 7222 (09.00 – 17.00 GMT Monday – Friday)

National emergency telephone number 111

**2: Hazards identification**

**2.1 Classification of the substance or mixture**

Not a hazardous mixture according to Regulation (EC) No. 1272/2008

Physical hazards Not Classified

Health hazards Not Classified

Environmental hazards Not Classified

**2.2. Label elements**

Pictogram None

Signal Word None

Hazard Statement(s): None

**2.3. Other hazards**

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

**3: Composition/information on ingredients**

**3.2. Mixtures**

CAS No. 223749-05-1 *Yucca schidigera*

CAS No. 90147-57-2 Yucca extract

CAS No. 532-32-1 Sodium Benzoate

**4: First aid measures**

**4.1. Description of first aid measures**

**Inhalation**

Move affected person to fresh air at once. Get medical attention if any discomfort continues.

**Ingestion**

Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention immediately.

**Skin contact**

Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if symptoms are severe or persist after washing.

**Eye contact**

Rinse open eye immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

**General information**

No further relevant information

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

**Notes for the doctor**

No specific recommendations.

**5: Firefighting measures**

**5.1. Extinguishing media**

Suitable extinguishing media      Use fire-extinguishing media suitable for the surrounding fire. Treat as a Class A fire  
Unsuitable extinguishing media      Not applicable.

**5.2. Special hazards arising from the substance or mixture**

**Specific hazards**

No further relevant information

**5.3. Advice for firefighters**

Protective actions during firefighting:      No specific firefighting precautions known.  
Special protective equipment for firefighters:      Use protective equipment appropriate for surrounding materials.

**6: Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

**Personal precautions**

Ensure adequate ventilation  
Avoid contact with eyes and skin  
Wash hands thoroughly after handling  
Wear suitable protective clothing.  
No smoking, sparks, flames or other sources of ignition near spillage.

**6.2. Environmental precautions**

**Environmental precautions**

Do not discharge into drains or watercourses.

**6.3. Methods and material for containment and cleaning up**

**Methods for cleaning up**

Keep combustible materials away from spillage. Eliminate all sources of ignition. Provide adequate ventilation. Contain and absorb spillage with sand, earth or other non-combustible material. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Wash thoroughly after dealing with a spillage.

**6.4. Reference to other sections**

**7: Handling and storage**

**7.1. Precautions for safe handling**

**Usage precautions**

Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact with skin, eyes and clothing.

**Advice on general occupational hygiene**

Do not eat, drink or smoke when using this product. Wash at the end of each work shift and before eating, smoking and using the toilet.

**7.2. Conditions for safe storage, including any incompatibilities**

**Storage precautions**

Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flame. Protect from freezing and direct sunlight.

**7.3. Specific end use(s)**

**8: Exposure Controls/personal protection**

**8.1. Control parameters**

**8.2 Occupational exposure limits**

**Ingredient comments**

No exposure limits known for ingredient(s).

**8.3. Exposure controls**

**Protective equipment**



**Appropriate engineering controls** Provide adequate ventilation.

**Eye/face protection**

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.

#### Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

#### Other skin and body protection

Wear appropriate clothing to prevent any possibility of skin contact. Wear apron or protective clothing in case of contact.

#### Hygiene measures

No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.

#### Respiratory protection

No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs.

#### Environmental exposure controls

Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

## 9: Physical and Chemical Properties

### 9.1. Information on basic physical and chemical properties

General Information *Yucca schidigera* liquid concentrate 50 Brix

Appearance: Dark Brown Liquid

Form: Liquid

Color: Dark brown

Odor: Sweet

Odour threshold: Characteristic

pH (10% AQ solution) at 20°C: 4.0 ± 0.5

Change in condition

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: Undetermined.

Flash point: Not applicable.

Flammability (solid, gaseous): Not determined.

Ignition temperature: Not determined

Decomposition temperature: Not determined.

Self-igniting: Product is not self-igniting.

Danger of explosion: Product does not present an explosion hazard.

Explosion limits:

Lower: Not determined.

Upper: Not determined.

Vapour pressure at 20°C: Not applicable.

Density at 20°C: 1.20 ± 0.05 g/cm<sup>3</sup>

Relative density: Not determined.

Vapour density: Not applicable.

Evaporation rate: Not applicable.

Solubility in / Miscibility with water: 99.9 % Soluble.

Segregation coefficient (n-octanol/water): Not determined.

Viscosity:

Dynamic: Not applicable.

Kinematic: Not applicable.

Solvent content:

Organic solvents: 0.0 %

VOC (EC) 0.00 %

Soluble Solids content: 50.0 %

**9.2. Other information**

No further relevant information available.

**10: Stability and reactivity**

**10.1. Reactivity**

No test data specifically related to reactivity available for this product or its ingredients.

**10.2. Chemical stability**

**Stability**

Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

None known

**10.4. Conditions to avoid**

No further relevant information

**10.5. Incompatible materials**

None known

**10.6. Hazardous decomposition products**

None known

**11: Toxicological information**

**11.1. Information on toxicological effects**

Not a hazardous mixture according to Regulation (EC) No. 1272/2008

**Acute toxicity:**

No acute toxicity No LD50 data available for the product

**Primary irritant effect:**

on the skin: Slight transient irritation may occur

on the eye: An eye irritant.

**Sensitization:** No sensitizing effects known.

**Chronic effects:** No information available for the product

**Mutagenicity:** No information available.

**Carcinogenicity:** No information available.

**Reproductive toxicity:** No information available.

**Specific Target Organ Toxicity (STOT) - single exposure:** May cause respiratory irritation.

**Specific Target Organ Toxicity (STOT) - repeated exposure:** No information available.

**Aspiration hazard:** Not classified

**12: Ecological Information Ecotoxicity**

**12.1. Toxicity**

Aquatic toxicity: No further relevant information

**12.2. Persistence and degradability**

No further relevant information

**12.3. Bioaccumulative potential**

No further relevant information

**12.4. Mobility in soil**

No further relevant information

**12.5. Results of PBT and vPvB assessment**

This product does not contain any substances classified as PBT or vPvB.

**13: Disposal considerations**

**13.1. Waste treatment methods**

**Disposal methods**

Dispose of waste product or used containers in accordance with local regulations

**14: Transport information**

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

**14.1. UN number**

Not applicable.

**14.2. UN proper shipping name**

Not applicable.

**14.3. Transport hazard class(es)**

No transport warning sign required.

**14.4. Packing group**

Not applicable.

**14.5. Environmental hazards**

Environmentally hazardous substance/marine pollutant No.

**14.6. Special precautions for user**

Not applicable.

**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not applicable.

**15: Regulatory information**

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

REACH – Exempted in accordance with Annex V.7

Not classified: according to Regulation (EC) No. 1272/2008

**16: Other information Key literature references and sources for data**

**Revisions:** This version supersedes all previous versions

Section 2: No longer classified

Minor editorial changes through

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