



Yucca Ag-Aide®

OMRI Listed

SAFETY DATA SHEET

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

- 1.1. Identification** : Yucca *schidigera* Extract
Product name : Yucca Ag-Aide®
OMRI Listed : dki-7063
DKI PRODUCT CODE : **28-1-04**
CAS number : 223749-05-1
EINCS : 607-033-5
USA (FDA) : 21 CFR 172.510. FEMA GRAS NUMBER 3121.
- 1.2. Relevant identified uses of substance or mixture and uses advised against.**
 Recommended use of the chemical: Natural foaming, surfactant, Wetting agent.
 Restrictions on uses: Not available.

1.3. Details of supplier of the safety data sheet.

Supplier:		Manufacturer:
Desert king International LLC 7024 Manya Circle, San Diego, CA, 92154, USA Tel: 1+(619) 429 5222 Fax: 1+(619) 429 5001	Desert King Chile S.A. Avenida Industrial 1970 Quilpué, Chile Tel: (56-32) 292 5020 Fax: (56-32) 292 4221	DESERT KING DE MÉXICO, S. DE R.L. DE C.V. Camino Vecinal No. 11500, Col. La Cuestecita, Tijuana, Baja California, México. C.P. 22664, Tel: (664) 636 1124, Fax: (664) 636 1139

1.4. Emergency telephone number.

USA: 800-321-6742 (OSHA)
 CHILE CITUC: (02)635-3800
 MÉXICO: 01-800-681-9531

Section 2: Hazards identification

- 2.1. Product definition:**
 Yucca *schidigera* Extract water base.
- 2.2. Classification of the substance or mixture.**
 According to Directive criteria, Regulation (EU) No 1272/2008 (CLP/GHS):
Skin Irritation 2
Eye Irritation 2
 Labelling in accordance with Regulation (EU) No 1272/2008:



: Signal Word, Warning

GHS07

Precautionary Statements:

- P264 : Wash thoroughly after handling.
 P280 : Wear protective gloves/protective clothing/eye protection/face protection.



- P304+P330 : IF SWALLOWED. Rinse mouth.
P302+P353+P362 : IF ON SKIN. Rinse skin with water/shower, take off contaminated clothing and wash before reuse.
P305+P351+P338 : In case of contact with eyes, Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so, continue rinsing.
P314 : Get medical advice/attention if you feel unwell.
P501 : Dispose of contents/container in accordance with applicable regulations.

Special Provisions : None

Adverse physicochemical, human health and environmental effects:

No other hazards

2.3 Other hazards : None known by Desert King

SECTION 3: Composition/information on ingredients

3.1. Product name: Yucca *Ag-Aide*®

3.2. Identifier : **Yucca schidigera Extract**
CAS number: 223749-05-1
EINCS number: 607-033-5
USA FDA 21 CFR 172.510.
FEMA GRAS NUMBER 3121

Classification : Regulation criteria 1272/2008 (CLP/GHS): H315, skin Irritation 2; H319, Eye irritation 2.

Additives : None

Purity : 100 % w/w Yucca schidigera Extract

Section 4. First aid measures

4.1. Description of first aid measures

- In case of skin contact : Rinse skin with water/shower, take off contaminated clothing and wash before reuse.
In case of eyes : Rinse cautiously with water for several minutes. In case of contact irritation, seek medical advice.
In case of ingestion : If swallowed, wash out mouth with water; never give anything by mouth to an unconscious person.
In case of inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing.

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

- Skin contact : May cause irritation.
Eyes contact : Causes eye irritation.
Ingestion : May cause irritation to mouth, throat and stomach.

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



If after applying the first aid measures, the person feels unwell go to the doctor/physician.

Section 5: Fire-Fighting Measures

5.1 Extinguishing media

Suitable extinguishing media : Water, Carbon dioxide CO₂, Foam, Dry Chemical
Unsuitable extinguishing media : High pressure water

5.2 Special hazards arising from the substance or mixture

This product does not undergo spontaneous decomposition. Typical combustion products are carbon monoxide, carbon dioxide, nitrogen and water.

5.3 Advice for fire-fighters

Irritant, nonflammable, water soluble, upon contact with water pressure generates foam. Do not inhale gases created by fire.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear rubber gloves, mask and protective lens during spill containment. All clothes used during spill containment should be washed to prevent eye or skin contact.

6.2. Environmental precautions

Prevent discharge into environment.
Do not discharge into rivers, lakes or sea.

6.3. Methods and material for containment and cleaning up

Contain spills and leaks. Sweep up or vacuum up spillage and collect product in suitable container for disposal. Rinse residue with water.

Section 7: Handling and Storage

7.1. Precautions for safe handling

Use suitable protective clothing; wear rubber gloves and protective lens during product handling.

7.1.1. Instruction for fire-and explosion protection

No special actions necessary.

7.2. Conditions for safe storage including any incompatibilities

Avoid direct sunlight. Store in a dry place. Keep tightly closed.

7.2.1. Further instructions for stock-keeping

None

7.2.2. Storage class

12 (Non-flammable liquid in a non-flammable container; self-classification). Non- reactive and very stable.

Specific end use (s):

Natural foaming agent, surfactant, wetting agent.

Section 8: Exposure Controls/Personal Protection

8.1. Control parameters



Not listed in IFA database.

8.2. Exposure controls:

Eye protection	: Wear safety goggle
Protection for skin	: Use suitable protective clothing
Protection for hands	: Wear safety-gloves
Respiratory protection	: None
Thermal hazards:	: None
Environmental exposure controls:	: None known to Desert King International

Section 9: Physical and Chemical Properties

9.1. Information on basis physical and chemical properties

Appearance and color	: Liquid, reddish to dark brown
Odor	: Characteristic, sweet
Odor threshold	: Not available
pH	: 3.9 ± 0.2
Melting point/freezing point	: Not available
Initial boiling point and boiling range	: P = 1atm, the b.p. is 103 ° to 107 °C.
Solid/gas flammability	: Not applicable
Upper/lower flammability or explosive limits	: Not applicable
Vapor density	: Not available
Flash point	: Not available
Evaporation rate	: Not available
Vapor pressure	: Not available
Relative density	: ≥ 1.212
Solubility in water	: 100 %
Lipid solubility	: Not applicable
Partition coefficient (n-octanol/water)	: Not applicable
Auto-ignition temperature	: Not applicable
Decomposition temperature	: Not available
Viscosity	: 62.5 centipoise at 71 °F
Explosive properties	: Product does not explode
Oxidizing properties	: Not available

Other information

9.2

No additional information.

Section 10. Stability and Reactivity

10.1. Reactivity

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

10.2. Chemical stability

The product is stable under recommended storage conditions.



- 10.3. Possibility of hazard reactions**
None known to Desert King international.
- 10.4. Conditions to avoid**
Moisture, product is hygroscopic.
- 10.5. Incompatible materials**
None known to Desert King International.
- 10.6. Hazardous decomposition products**
None known to Desert King International.

Section 11: Toxicological Information

- 11.1. Information on toxicological effects**
There is no toxicological data available on the product.
- 11.2. Toxicological information on main components of the mixture:**
Not available.

Section 12: Ecological Information

- 12.1. Toxicity**
Not available.
- 12.2. Persistence and degradability**
Not known by Desert King International.
- 12.3. Bio accumulative potential**
Yucca Extract is expected to desorb fairly rapidly from soil and not bio accumulate.
- 12.4. Mobility in soil**
Yucca Extract Spray Dry is expected to desorb fairly rapidly from soil.
- 12.5. Results of PBT and vPvB assessment**
Substance not listed in ESIS PBT List.
- 12.6. Other adverse effects**
Not known by Desert King International.

Section 13: Disposal Considerations

- 13.1. Waste treatment methods**
Dispose of in accordance to all local regulations.

Section 14: Transport Information

- 14.1. UN number** : The product is not subject to ADR/RID/AND regulations.
- 14.2. UN proper shipping name** : The product is not subject to IMDG regulations.
- 14.3. Transport hazard class(es)** : The product is not subject to ICAO-TI/IATA regulations.
- 14.4. Packing group** : Product is not flammable, not radioactive, and not explosive.
Product is corrosive to iron.
- 14.5. Environmental hazards** : Information on environmental hazards, if relevant, please
14.1. - 14.3.



- 14.6. **Special precautions for user** : Keep the product in its original package.
- 14.7 **Transport in bulk according to Annex II of MARPOL73/78 and the IBC code:**
Not relevant.

Section 15: Regulatory Information

15.1. Regulatory status

Regulation classification, labeling and packaging of substances and mixtures, Regulation (EC) No 1272/2008 ("CLP Regulation" or "CLP").

<https://echa.europa.eu/es/information-on-chemicals/cl-inventory-database/-/discli/notification-details/135776/1492544>

<https://echa.europa.eu/es/registration-dossier/-/registered-dossier/30180/1>

<https://echa.europa.eu/es/brief-profile/-/briefprofile/100.133.770>

USA-FDA Title 21 CFR 172.510. Flavoring agents and related substances. FEMA GRAS number 3121.

15.2. Chemical safety assessment



Section 16: Other Information

This safety data sheet cannot cover all possible situations which the user may experience during handling. Each aspect of operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to employees or customers.

Abbreviations and acronyms

CAS	Chemical Abstract Service
CEN	European Committee for Standardization
CFR	Code of Federal Regulations
CLP	Classification, Labeling and Packaging
DPD	Dangerous Preparations Directive
DSD	Dangerous Substance Directive
EC	European Communities
EEC	European Economic Community
EINECS	European Inventory of Existing Commercial Chemical Substances
ESIS	European chemical Substances Information System
FDA	US Food and Drug Administration
FEMA	Flavor and Extract Manufacturers Association
GHS	Globally Harmonized System
GRAS	Generally Recognized as Safe
NIOSH	National Institute for Occupational Safety and Health
PBT	Persistent, Bio accumulative and Toxic

