MATERIAL SAFETY DATA SHEET

IDENTITY: YUCCA EXTRACT

SECTION I: Identification of Substance

Trade Name : Yucca Extract

SECTION II: Composition Information

Definition/Botanical Origin: A extract of Yucca Schidigera Root Extract in a glycerin solution.

INCI Name	**CAS No.**	**%**
Yucca Schidigera Root Extract	90147-57-2	20
Glycerin	56-81-5	60
Water	7732-18-5	20

SECTION III: Hazard Identification

Concentrated product. Observe good housekeeping procedures.

SECTION IV: First Aid Measures

Inhalation: No vapors present at normal temperatures.

Eye Contact: Rinse immediately with plenty of water for at least 15 minutes. If irritation persists seek medical advice.

Skin Contact: Wash thoroughly with soap & water, flush with plenty of water.

Ingestion: Not considered dangerous.

Other: When assessing action take Risk & Safety Phrases into account.

SECTION V: - Fire Fighting Measures

Extinguishing Media: Use CO2, Dry Powder or Foam type Extinguishers, spraying extinguishing media to base of flames. Do not use direct water jet on burning material.

Special Measures: Avoid vapor inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus & protective clothing.

Extinguishing Procedures: Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

SECTION VI: - Accidental Release Measures

Personal Precautions:	Avoid contact with skin eyes and clothes. Note that spillages constitute a slipping hazard. Use individual protective equipment (safety glasses, water-proof boots, protective clothing) in case of major spillages.
Environmental Precautions:	Keep away from drains, soils, surface and groundwaters.
Clean Up Methods:	Remove all potential ignition sources. Contain spoiled material. Cover with an inert or non-combustible inorganic absorbent material, sweep up and remove to an approved disposal container. Clean with hot water & detergents. Observe state, federal & local disposal regulations.

SECTION VII: Handling & Storage

Precautions In Handling:	Apply good manufacturing practice & industrial hygiene practices. Observe state, federal & local disposal regulations.
Storage Conditions:	Store in tightly closed original container, in a cool & dry area away from heat sources & protected from light. Keep air contact to a minimum.
Fire Protection:	Keep away from ignition sources & naked flames. Take precautions to avoid static discharges in working area.

SECTION VIII: Exposure Controls / Personal Protection

Respiratory Protection:	No special measures under normal conditions.
Hand Protection:	No special measures under normal conditions.
Eye Protection:	Use safety glasses if there is a risk of splashing.
Work/Hygiene Practices:	Wash hands with soap & water after handling.

SECTION IX: Physical & Chemical Properties

Color - dark yellow to light brown

Appearance - Liquid at ambient temperatures

Odor - Free from rancid and foreign odors; characteristic

Flash Point –> 200 oF

Solubility in Water - Soluble

Solubility in Alcohol - Soluble

SECTION X: Stability & Reactivity

Reactivity: It presents no significant hazards, by itself or in contact with water. Avoid contact with strong acids, alkali or oxidizing agents.

Decomposition: None

SECTION XI: Toxicological Information

No known data

SECTION XII: Ecological Information

Biodegradability: Readily biodegradable

Precautions: Prevent surface contamination of soil, ground & surface waters

SECTION XIII: Disposal Considerations

Avoid disposing to drainage systems and into the environment. Seek expert advice.

SECTION XIV: Transport Regulations

Road: (ADR/RID)

Air: (IATA)

Sea: (IMDG)

SECTION XV: Regulatory Information

Hazards n/a

Symbols n/a

Risk Phrases n/a

Safety Phrases n/a

SECTION XVI: Other Information

Packaging:

Type	Suitability
Lacquer lined steel/tin	Yes
Aluminum	Yes
HPPE	Yes
F/HDPE	Yes
Other Plastic	Yes

To the best of our knowledge, the information provided is correct. We reserve the right to make changes and improvements as necessary.