
Material Safety Data Sheet (MSDS)

Product Name: FSS Royal Jelly Extract
Code Number: FSS20478
CAS #'s: 107-88-0 & 1679-53-4 & 111-20-6 & 112-47-0
EINECS #'s: 203-529-7 & 216-848-1 & 203-845-5 & 203-975-0
INCI Name: Butylene Glycol & 10-Hydroxydecanoic Acid & Sebacic Acid & 1,10-Decanediol

SECTION I – MATERIAL AND MANUFACTURING IDENTIFICATION

Chemical Family: Extract
Chemical Names: Butylene Glycol & 10-Hydroxydecanoic Acid & Sebacic Acid & 1,10-Decanediol

SECTION II – HAZARDS IDENTIFICATION

Main Hazards: None

SECTION III – COMPOSITION / PRODUCT DESCRIPTION

Hazardous Components: None

TWA: N/A

Hazard: None

HMIS Codes:

H	0
F	0
R	0

SECTION IV –FIRST AID MEASURES

Effects of Single Overexposure: None

EMERGENCY AND FIRST AID PROCEDURES

Skin Absorption: Rinse with soap and water.
Eye Contact: Rinse with water. Consult with a physician.
Inhalation: Remove from exposure area. Consult with a physician.
Skin Contact: Rinse with soap and water. Consult with a physician.
Swallowing: Consult with a physician.

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SECTION V – MEASURES IN CASE OF FIRE

Flash Point:	>200 ^o F
Extinguishing Media:	Water, foam, carbon dioxide, dry chemicals
Special Fire Fighting Procedures:	Self-contained breathing apparatus. Use water spray to cool down exposed recipients
Unusual Fire and Explosion Hazards:	None known

SECTION VI – MEASURES IN CASE OF ACCIDENTAL SPREADING

After Spillage or Leakage:

On Soil	Pick up free liquid for recycling or disposal. Residual liquid can be absorbed on an inert material.
On Water	Prevent entry into sewers and waterways.

Effect of Single Overexposure: None

EMERGENCY AND FIRST AID PROCEDURES

Skin Absorption:	Rinse with soap and water.
Eye Contact:	Rinse with water. Consult with a physician.
Inhalation:	Remove from exposure area. Consult with a physician.
Skin Contact:	Rinse with soap and water. Consult with a physician.
Swallowing:	Consult with a physician.

SECTION VII – HANDLING AND STORAGE

Precautions to be taken in handling and storage:

Labeling:	Keep out of the reach of children. For industrial use, only as directed.
Handling Conditions:	Wash hands after use. Avoid storage near feed or food stuffs.
Storage Conditions:	Keep container closed. Store in a cool, dry place.

SECTION VIII – CONTROL EXPOSURE – PERSONAL PROTECTION

Respiratory Protection:	Dust mask or equivalent
Ventilation:	Local exhaust
Protective Gloves:	Rubber or neoprene
Other Protective Equipment:	Protective clothing to avoid skin contact and eye protection

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SECTION IX – PHYSICAL AND CHEMICAL DATA

Vapor Pressure: 20C N/A
Specific Gravity: 1.00 – 1.04
Solubility in Water: Insoluble
Appearance and Odor: Colorless to light yellow liquid; Characteristic odor

SECTION X – STABILITY AND REACTIVITY

Stability: Stable
Conditions to Avoid: Avoid extreme heat
Incompatibility: Avoid contact with strong oxidizers
Hazardous Decomposition: None known
Hazardous Polymerization: Will not occur

SECTION XI – INFORMATION ON TOXICITY

Ingestion: Not determined
Dermal: Not determined
Ocular: Not determined
Inhalation: Not determined

SECTION XII – INFORMATION ON ECOLOGICAL EFFECT

Biodegradation: Not determined

SECTION XIII – DISPOSAL CONSIDERATION

Recover if possible. In so doing, comply with local and national regulations currently in force.

SECTION XIV- INFORMATION ON TRANSPORT

Road (ADR) - Not dangerous for conveyance. Sea transport (IMO/IMDG) - Not dangerous for conveyance. Air transport (ICA/IATA) – Not dangerous for conveyance. Rail (RID) - Not dangerous for conveyance.

SECTION XV - REGULATORY INFORMATION

This product is not classified as dangerous according to 67/548/ECC or 99/45/EC as amended.

TSCA Status: All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

This product contains the following non-hazardous components:

	CAS Number
Butylene Glycol	107-88-0



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OSHA:

Contents of this MSDS comply with OSHA Hazard Communication Standard 29 CFR 1910.1200.

Clean Air Act Section 112:

This product contains the following components present at or above the OSHA de minus level and listed as Hazardous Air Pollutants:

None

SECTION XV - REGULATORY INFORMATION

SARA Section 302 Extremely Hazardous Materials:

This product contains the following components listed as Extremely Hazardous Substances:

None

SARA Section 304 CERCLA Hazardous Substances:

None

SARA Section 312 Hazard Class:

Acute:	NO
Chronic:	NO
Fire:	NO
Pressure:	NO
Reactive:	NO

SARA Section 313 Toxic Chemicals:

None present or none present in regulated quantities.

STATE REGULATIONS:

This product contains the following non-hazardous components subject to disclosure under North Carolina Right-To-Know legislation:

	CAS Number
Butylene Glycol	107-88-0

SECTION XVI - OTHER INFORMATION

Prepared by: Formulator Sample Shop