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MATERIAL SAFETY DATA SHEET (MSDS)

According to OSHA HCS (29 CFR 1910.1200) / UN GHS

BROWN SUGAR EXTRACT

(Fragrance & Flavor Ingredient)

SECTION 1: IDENTIFICATION

Product Name: Brown Sugar Extract

CAS: Mixture

Recommended Use:

Fragrance and flavor ingredient used in fragrance compounds and flavor formulations in accordance with applicable regulatory guidelines

Restriction:

For industrial and professional use only

Supplier:

AROMOLOGY

G05 Alghazal Building

Nadd Al Hamar

Dubai, United Arab Emirates

Email: info@aromology.com

Website: www.aromology.com

SECTION 2: HAZARD IDENTIFICATION

GHS Classification

- Not classified as hazardous

Signal Word:

Not applicable

Hazard Statements

- This mixture does not meet the criteria for classification
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Precautionary Statements

- Observe good industrial hygiene practices
 - Wash hands after handling
 - Avoid prolonged exposure
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SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

This product is a mixture of flavor and fragrance ingredients.

- No components are classified as hazardous according to OSHA criteria
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SECTION 4: FIRST AID MEASURES

Inhalation:

Move to fresh air and keep at rest. Seek medical attention if symptoms persist.

Skin Contact:

Wash thoroughly with soap and water.

Eye Contact:

Rinse cautiously with water for several minutes. Seek medical attention if irritation persists.

Ingestion:

Rinse mouth. Do not induce vomiting. Seek medical advice.

Key Symptoms

- May cause temporary eye irritation
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SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:

Water spray, foam, CO₂, dry chemical

Unsuitable:

Do not use solid water jet

Hazards:

Fire may produce irritating or toxic gases

Protection:

Use self-contained breathing apparatus

SECTION 6: ACCIDENTAL RELEASE MEASURES

- Eliminate ignition sources
 - Avoid inhalation and contact
 - Absorb with inert material (sand, clay)
 - Prevent entry into drains and environment
 - Dispose according to regulations
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SECTION 7: HANDLING AND STORAGE

Handling:

- Avoid breathing vapours
- Avoid contact with eyes, skin, and clothing
- Use grounded equipment to prevent static discharge
- Ensure adequate ventilation

Storage:

- Store in tightly closed container
 - Store in cool, well-ventilated area
 - Recommended storage: refrigerated (approx. 2–10°C)
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SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits:

No established occupational exposure limits

Engineering Controls:

Provide adequate ventilation

PPE:

- Safety glasses
- Chemical-resistant gloves
- Protective clothing



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Respiratory Protection:
Not required under normal conditions

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Physical State	Liquid
Odour	Characteristic (sweet, caramel-like)
Flash Point	>93.3 °C
Relative Density	~1.0
Vapour Pressure	~1 mm Hg @ 20°C
Solubility	Insoluble in water

(From physical properties section)

SECTION 10: STABILITY AND REACTIVITY

- Stable under normal conditions
 - Avoid excessive heat
 - Avoid strong oxidising agents
 - No hazardous decomposition expected
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SECTION 11: TOXICOLOGICAL INFORMATION

- Not expected to be harmful under normal conditions
- Prolonged exposure may cause mild irritation

Effects:

- Eye irritation (temporary)
 - Low toxicity profile
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SECTION 12: ECOLOGICAL INFORMATION



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- No specific ecotoxicity data available
 - Avoid release into environment
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SECTION 13: DISPOSAL CONSIDERATIONS

Dispose in accordance with local regulations.
Do not release into drainage systems or environment.

SECTION 14: TRANSPORT INFORMATION

Mode	Status
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ADR / IMDG / IATA	Not regulated
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✓ Not classified as dangerous goods

SECTION 15: REGULATORY INFORMATION

- Not regulated under major hazard classifications
 - Complies with flavor and fragrance ingredient standards
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SECTION 16: OTHER INFORMATION

This MSDS is based on supplier documentation and current knowledge.
No warranty expressed or implied.