

Updated August 24, 2009

Licorice Extract

Material Safety Data Sheet (MSDS)

1. PRODUCT IDENTIFICATION

Product Name: Licorice Extract INCI Name: Licorice Extract

Synonyms: CAS Number: n/a EINECS Number: n/a

2. PHYSICAL & CHEMICAL PROPERTIES

Melting Point: not applicable

Boiling Point: n/a >1.000 Density:

% Volatile by Volume: not determined not determined Specific Gravity: Solubility in water: soluble pH Value: <7.5

Appearance & Odor: brown transparent liquid

3. STABILITY & REACTIVITY

Chemical Stability: Stable under normal conditions

Incompatibility: Avoid contact with strong oxidizing and acid

Hazardous Decomposition: Will not occur. Hazardous Polymerisation: Will not occur.

4. HANDLING & STORAGE

Avoid contact with eyes. Wash thoroughly after handling. As with all chemicals, good industrial hygiene practices should be followed when handling this material.

Store protected from light in tightly closed containers at room temperature (15-25°C).

5. ACCIDENTAL RELEASE MEASURES

Avoid letting liquid enter the sewer or public water ways. Absorb small overflows with inert solids. Notify environmental authorities in case of large leaks.

6. EXPOSURE CONTROLS & PERSONAL PROTECTION

Respiratory Protection: Not needed. Protective Clothing: Not needed.

Other Protective Measures: Employees must practice good personal hygiene, washing exposed areas of skin several times daily and laundering contaminated clothing before re-use.

7. HAZARDS IDENTIFICATION

General: No risk implied when handled under normal conditions. Inhalation: No risk implied when handled under normal conditions.

Eye Contact: No risk implied when used under normal conditions. Skin Contact: No risk implied when used under normal conditions.

Ingestion: Do not ingest.

8. FIRST AID MEASURES

Eyes: Irrigate eyes thoroughly with water for at least 15 minutes. Skin: Wash exposed areas of the body with plenty of water. Re-

move contaminated clothing immediately.

Inhalation: Remove from area of exposure. If breathing is difficult, give oxygen. Seek medical attention if symptoms persist. Ingestion: If large amount is swallowed or symptoms develop obtain medical attention...

9. FIRE FIGHTING MEASURES

Flash Point: 105℃

Extinguishing Media: water spray, dry chemical, co2, alcohol

Fire Fighting Procedures: No special requirements.

10. TOXICOLOGICAL INFORMATION

Acute LD50: not available

Dermal and Eye Irritation Test: not available

Carcinogenicity: no data available Mutagenicity: no data available

11. DISPOSAL CONSIDERATIONS

Storage and disposal must be in accordance with applicable local, state & federal disposal regulations. Characterization and compliance with applicable laws are the responsibility solely of the generator. Product or contaminated water should not be considered dangerous.

12. TRANSPORT INFORMATION

General Information: not regarded as hazardous material DOT Shipping Name: Refer to corresponding hazard class ADR/RIC Code: Refer to corresponding hazard class Sea Transport IMDG Code: Refer to corresponding hazard class Air Transport IATA: Refer to corresponding hazard class

13. DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitableness & completeness of such information for his own particular use.

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