

Cucumber Fruit Extract

Material Safety Data Sheet (MSDS)

1. PRODUCT IDENTIFICATION

Product Name: Cucumber fruit extract
INCI Names: Glycerin (and) Water (and) Cucumis Sativus (Cucumber) Fruit Extract (and) Cucumis Sativus (Cucumber) Oil
CAS Numbers: 56-81-5, 7732-18-5, 89998-01-6
EINECS Numbers: 200-289-5, 231-791-2, 289-738-4

2. PHYSICAL & CHEMICAL PROPERTIES

Boiling Point: 340°F, 171°C
Melting Point: not applicable
Specific Gravity: 1.04 - 1.10 at 25°C
Refractive Index: 1.4450 - 1.4570 at 25°C
Vapor Density, Air=1: 3.1
Relative Density: 1.05 - 1.1
pH-Value: not determined
Solubility in Water: miscible with water
Appearance: clear yellowish liquid,
Odor: characteristic

3. STABILITY & REACTIVITY

Chemical Stability: stable under normal conditions; best stability at cool temperatures
Incompatibility: Avoid strong oxidizing agents
Hazardous Decomposition: none known
Hazardous Polymerisation: none known

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. Avoid freezing or excessive heat. Do not handle or store near an open flame, heat or other sources of ignition. Keep the container closed in a cool, well-ventilated place.

5. ACCIDENTAL RELEASE MEASURES

Isolate spill or leak area immediately. Keep unauthorized personnel away. Stay upwind. Keep out of low areas. Ventilate closed spaces before entering. Do not touch or walk through spilled material. Wear appropriate personal protective equipment during cleanup. Small spills: dike ahead of liquid spill for later disposal. Prevent entry into waterways, sewers, basements or confined areas. Surface may become slippery after spillage.

6. EXPOSURE CONTROLS & PERSONAL PROTECTION

Respiratory Protection: Usually not required. If vapors or mists are generated, wear a NIOSH approved vapor/mist respirator.
Protective Clothing: Safety glasses, goggles, or face shield recommended to protect eyes from mists or splashing. PVC coated gloves recommended to prevent skin contact.
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

Specific Risks:

8. FIRST AID MEASURES

Eyes: Upon eye contact, immediately flush eyes with cool water for at least 15 minutes. Do not let victim rub eyes. Obtain emergency medical information if pain, blinking, tears or redness persist.
Skin: Wash exposed area of skin with soap and water. If skin irritation or an allergic skin reaction develops, get medical attention.
Inhalation: Immediately remove victim to fresh air. If victim has stopped breathing, give artificial respiration, preferably by mouth-to-mouth. Get medical attention immediately.
Ingestion: For overexposure, call a physician or poison control center promptly.

9. FIRE FIGHTING MEASURES

Flash Point: not available
Flammable Limits: % LFL: No Information -UFL: No Information
Extinguishing Media: Dry chemical, foam, carbon dioxide, water spray. Water stream may splash burning liquid and spread fire.
Fire Fighting Procedures: Firefighters should wear full fire-fighting turn-out gear including NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand.

10. ECOLOGICAL INFORMATION

Persistence & Degradability: not determined
Bioaccumulative Potential: not determined
Ecotoxicity: not determined
Other information: product is composed of biodegradable compounds that are harmless when released in environment

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.

12. TRANSPORT INFORMATION

General: not regulated
DOT Shipping Name: not regulated
ADR/RIC Code: not regulated
Sea Transport IMDG Code: not regulated
Air Transport IATA Code: not regulated

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 suitability & completeness of such information for his own particular use.