



IRIS NATURALS

INTERNATIONAL

Your Reliable Global Supplier

Material Safety Data Sheet for Acerola Dry Extract

1. IDENTIFICATION OF THE COMPANY:

IRIS NATURALS INTERNATIONAL

123-35 82nd Road, Suite 6J

Kew Gardens, NY 11415 - Website: www.irisradeinc.com

2. IDENTIFICATION OF THE MATERIAL:

Commercial name: Acerola Dry Extract Soluble Min 17% Vit.C Nat. Organic

INCI name: Malpighia Glabra Linne

Compounds: Organic Unripe Fruit

Aspect: Clear yellow to golden yellow fine higroscopic powder.

Usage: Pharmaceutical and Alimentary Use

Function: Skin conditioning, according to CAS List

Solubility: Soluble in water

Flash Point: 39°C +/- 2

% Volatile / weight: Essentially zero

3. HAZARDOUS OVERVIEW

None present. While this material is not classified as hazardous under OSHA regulations, this MSDS contains valuable information critical to safe handling and proper use of this product. This MSDS should be retained and available for employees and other users of this product.

POTENTIAL HEALTH EFFECTS AND FIRST AID MEASURES

Inhalation: Breathing should not cause any effect. No specific treatment is required, since the material is not considered dangerous to inhalation. If exposed to excessive levels of dust or fumes, remove the person to fresh air and look for medical attention if coughs or other symptoms develop.

Skin contact: Contact with skin does not cause irritation, may cause minor irritation when operator is sensitive to ethanol. Wash affected areas with abundant water.

Eye Contact: Exposure may cause irritation; this is not likely to occur under occupational exposure conditions. Remove contact lenses. Wash the eyes immediately with abundant water. In the event the irritation persists, contact a medical doctor.

Ingestion: Wash mouth and throat abundantly with water. Do not induce vomit. If necessary, look for medical attention.

4. FIRE FIGHTS MEASURES

Flash Point: 39° +/- 2,0 Astm D56,87.

Extinguishing media: Water; Dry Chemical; Carbon Dioxide; Foam

Special fire fighting procedures: In case of fire, please use chemical powder, CO2, halon, water fog, or foam. Cool down the recipients that were exposed to the flames after fire extinguishing. If possible, isolate the recipients carrying the products. Fire might provoke emission of irritant or poisonous gases.

5. ACCIDENTAL RELEASE MEASURES

Spillage: In case of spillage, remove the product with shovel and plastic bag just to

avoid dirtiness upon local. If a large volume is spilled, use a dust mask when cleaning and disposing of material to minimize inhalation. Eliminate all ignition sources. Remove to ventilate area. Large spill: Dike far ahead of liquid spill for later disposal. Remove contaminated clothing and shoes. Avoid inhalation of vapor. Wash thoroughly after handling. This product is a non hazardous waste when spilled or disposed of, as defined in RCRA regulation (40 CFR261)

6. HANDLING AND STORAGE

Storage: Keep container closed. Store in a clean and dry place protected

against light with temperature between 15°C(59°F) and 40°C (104°F).

Sensitivity with heat and humidity. Always keep away from any source or ignition. Use NIOSH-OSHA approved self-contained breathing apparatus.

Shelf life: 2 years in original, sealed container.

7. EXPOSURE CONTROLS / PERSONAL PROTECTION

Eye: Use glasses for eyes protection

Skin: Appropriate to conditions of use

Respiratory: Material is stable

Exposure limits: Not established

8. REACTIVITY

Stability: This is a stable material

Hazardous polymerization: Will not occur

Incompatibilities: None known

Decomposition products: None known

Contraindications: None known

9. TOXICOLOGICAL INFORMATION

Ingestion: Only toxic effects known are for caffeine; insomnia; irritation and stimulation may result from large doses, including increased urinations; could advance to slight delirium. Not use during pregnancy (dosage of extract: 50mg to 1g per day)

10. ECOLOGICAL INFORMATION

Degradation: Totally biodegradable – Natural Product

Aquatic Toxicity: No data available

11. DISPOSAL CONSIDERATIONS

Disposal should be made according to the existing disposal practices. Consult local, State and Federal environmental regulations.

If this product becomes a waste, it does not meet the criteria of a hazardous waste as defined under the RCRA.

12. OTHER INFORMATION

For more information about the use and safety of botanical extracts (such as this one for medical purposes, see the following references:

McGuffin, M.; C. Hobbs; R. Upton; and A Goldberg (eds.) 1997. The Botanical Safety Handbook. The American Herbal Products Association.