

## Material Safety Data Sheet

### Product & Manufacturer Information

Product name: Dora Tea Saponin Liquid

Manufacturer : SUZHOU DORA AGRI-TECH CO., LTD

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### 1. Chemical Product Identification

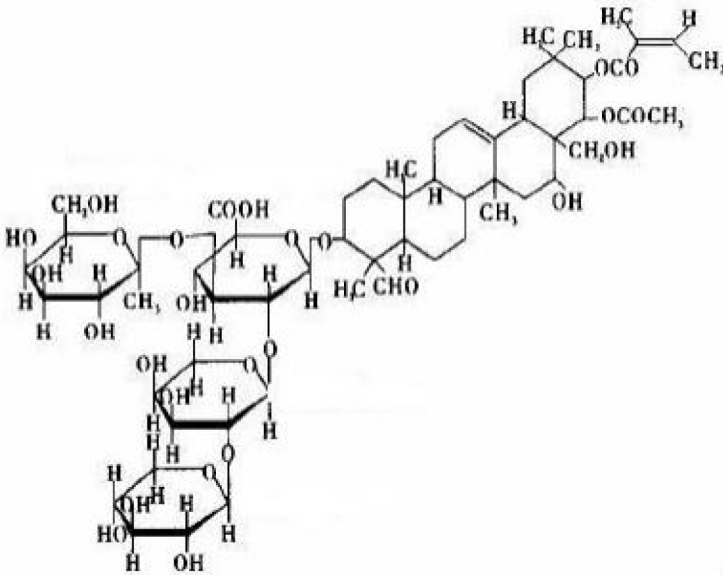
Product Name: Dora Tea Saponin Liquid

CAS Number: 8047-15-2

Molecular Formula: C<sub>57</sub>H<sub>90</sub>O<sub>2</sub>

Molecular Weight: 1200

Structural Formula:



Form: Liquid

Color: brown liquid Odor & Taste: Pungent taste and irritative odor

### 2. Composition / Information On Ingredients

Composition	Content %
Saponin	35.0
Surface Tension	30-40mN/m
Foamy Height	160-190mm
Solid Contents	≥45%
No dissolve with water	≤0.5%

### 3. Hazards Identification

Material may be irritating to the nasal mucous membranes and upper respiratory tract.

#### **4. First Aid Measures**

If swallowed: Call a poison control center or doctor immediately for treatment advice. Do not give any liquid to the person. Do not induce vomiting unless told to do so after calling a poison control center or doctor. Do not give anything by mouth to an unconscious person.

Eye Contact: If in eyes: Hold eyes open and rinse slowly and gently with water. Remove contact lenses, if present, and then continue rinsing eyes.

#### **5. Fire-Fighting Measures**

Special fire and explosion dangers: None. This is a non-combustible article.

In Case of Fire: Use dry chemical, foam or CO<sub>2</sub> extinguishing media. Wear full protective clothing and self-contained breathing apparatus. Evacuate nonessential personnel from the area to prevent human

exposure to fire, smoke, fumes. Prevent use of contaminated buildings, area, and equipment until decontaminated. Water runoff can cause environmental damage. If water is used to fight fire, dike and collect runoff.

#### **6. Accidental Release Measures**

In Case of Spill or Leak: Wear respirator and rubber gloves for self-protection. Clean up spills immediately, and sweep up material and place in a compatible disposal container. Pick up wash liquid with additional absorbent and place into compatible disposal container. After removal, rinse the area thoroughly with water.

#### **7. Handling And Storage**

Handling: Wear respirator and gloves in handling, and avoid eye contact. Wash thoroughly after handling.

Storage: Store the material in a well-ventilated, secure area out of reach of children and domestic

animals. Do not store food, beverages or tobacco products in the storage area. Prevent eating, drinking, tobacco use, and cosmetic application in areas where there is a potential for exposure to the material.

#### **8. Exposure Controls/Personal Protection**

Ingestion: Prevent eating, drinking, tobacco usage and cosmetic application in areas where there is a potential for exposure to the material. Wash thoroughly with soap and water after handling.

Eye Contact: Where eye contact is likely, use safety goggles. Facilities storing or utilizing this material

should be equipped with an eyewash facility and a safety shower.

#### **9. Physical and Chemical Properties**

Melting Point: 224°C

Water Solubility: water-soluble

Solubility in Other Solvents: water-contained methanol, water-contained ethanol, glacial acetic acid, acetic anhydride and pyridine

Foaming Height: 160-

190mm PH: 5.0-6.0

**10. Stability and Reactivity**

Stability: Stable under standard conditions.

Conditions to Avoid: No data available

**11. Toxicological Information**

The substance does not belong to toxic substances.

**12. Ecological and Ecotoxicological Information**

Runoff from fire control or dilution water may cause pollution.

**13. Disposal Considerations**

Dispose of product containers, waste containers, and residues according to local health and environmental regulations.

**14. Transport Information**

Non-hazardous for transport.

Transport in accordance with local, state, and federal regulations.

**15. Regulatory Information**

Not Applicable.

**16. Other Information**

All information and instructions provided in this Material Safety Data Sheet (MSDS) are based on the current state of scientific and technical knowledge at the date indicated on the present MSDS and are presented in good faith and are believed to be correct. This information applies to the product as such.

In case of new formulations or mixes, it is necessary to ascertain that a new danger will not appear. It is the responsibility of persons on receipt of this MSDS to ensure that the information contained herein is properly read and understood by all people who may use, handle, dispose or in any way

come in contact with the product. Users should make their own investigations to determine the suitability of the information for their particular purposes.

If the recipient subsequently produce formulations containing this product, it is the recipients sole responsibility to ensure the transfer of all relevant information from this MSDS to their own MSDS.

