



UNITECH SCIENTIFIC LLC

Anthocyanin Reagent SDS Antho-F

SAFETY DATA SHEET (HCS - 29 CFR 1910.1200(g))

1. CHEMICAL IDENTIFICATION and COMPANY CONTACT INFORMATION

| | | | |
|----------------------|---------------------|-----------------------------------|---------------------------------|
| Product trade name: | Anthocyanin Reagent | Supplier: | Unitech Scientific LLC |
| Product No. : | Antho-F | | 12026 Centralia Rd, Ste H |
| Recommended Use: | Food analysis | | Hawaiian Gardens, CA 90716, USA |
| Restrictions on Use: | N/A | | |
| Date of Issue: | 2011-03-01 | Information, Operations: | 562 924-5150 |
| Date of Revision: | 01 Aug 2015 | Information in case of Emergency: | 562 924-5150 |

2. COMPOSITION/INFORMATION ON INGREDIENTS

See the package insert.

3. HAZARD IDENTIFICATION

Based on the concentrations in the composition it is not a hazardous product in terms of directive 99/45/EC. The product could be harmful for ingestion.

4. FIRST AID MEASURES

| | |
|------------------------------------|---|
| Symptoms: | No symptoms expected |
| If inhaled: | Remove to fresh air. |
| In case of skin contact: | Flush with copious amount of water. |
| In case of contact with eyes: | Flush with copious amount of water while separating the eyelids with fingers. |
| If irritations appear and persist: | call a physician. |
| If swallowed: | Flush with copious amount of water. Call a physician. |

5. FIRE FIGHTING

Extinguishing media: water, CO₂, foam, powder

6. SPILLAGE, ACCIDENTAL RELEASE

| | |
|-------------------------------------|--|
| Personal precautions: | Avoid swallowing; do not store together with food. |
| Environment precautions: | Avoid release into sewerage. |
| Procedures for clean-up/absorption: | Sweep up with cellulose and hold for waste disposal. |

7. HANDLING AND STORAGE

| | |
|-----------|---|
| Handling: | No special requirements |
| Storage: | Dry at room temperature (recommendation: from +15° at +25° C) |

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Threshold value for maintenance of industrial health and safety standards:
Application of minimum protective standards is mandatory.
Personal protection: Protection wear according to national laboratory regulations are sufficient for personal safety (coat, safety goggles, shoes, disposable gloves (latex)). Wash hands after finishing work.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|-----------------------|-----------|
| Appearance - Reagent: | Liquid |
| Color - Reagent: | white |
| Odor- Reagent 2: | no odor |
| pH- Reagent: | 0.7 – 1.3 |

10. STABILITY AND REACTIVITY

| | |
|-----------------------------------|--|
| Avoidable conditions: | Drying the product in presence of heavy metals and acids, because unstable azoture can be formed which may be explosive after simple rubbing |
| Avoidable substances: | as above |
| Dangerous decomposition products: | as above |
| Further declarations: | none |

11. TOXICOLOGICAL INFORMATION

Toxicity data: Quantitative data for toxicity of this product are not available.

12. ECOLOGICAL INFORMATION

Ecotoxicological effects: Quantitative data of the ecological impact of this composition are not yet known. The product should not get into environmental waters, sewage or soil. In case of accidental release flush or dilute with copious amounts of water.

13. DISPOSAL CONSIDERATIONS

Product: There are no uniform regulations for disposal of chemicals within the member states of the EC. Contact a licensed professional waste disposal service for dispose of this material. Observe all federal, state and local environmental regulations.

Packaging: Dispose according to the regulations of the public authorities. Contaminated packaging has to be treated like the composition. If not otherwise regulated by public authorities, non-contaminated packaging can be treated like household waste or brought to recycling procedures.

14. TRANSPORT INFORMATION

No contraindications for transport for hearth way, sea way, fluvial way is known for this product.

15. REGULATORY INFORMATION

Indication following the HCS directives:

Symbols: --- none

Risk regulations: --- none

Safety Regulations: --- none

Note: This product must be labeled in accordance with HCS - 29 CFR 1910.1200(g).

16. OTHER INFORMATION

Unitech Scientific LLC provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose. Unitech Scientific makes no presentations or warranties, either express or implied, including without limitation any warranties of merchantability, fitness for a particular purpose with respect to the information set forth herein or the product to which the information refers. Accordingly, Unitech Scientific will not be responsible for damages resulting from use of or reliance upon this information.

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Unitech Scientific shall not be held liable for any damage resulting from handling or from contact with the above product. Copyright 2015, Unitech Scientific. License granted to make unlimited paper copies for internal use only.