



## AHA FRUIT ACID

|   |  |
|---|--|
| <b>Batch Number</b>                     | 4358609  |
| <b>Best before End</b>                  | May 2022   |
| <b>Animal Testing</b>                   | This product has never been tested on animals either by us, or on our behalf |
| <b>Derivation</b>                       | Vegetable / synthetic  |
| <b>APPEARANCE</b>                       | Conforms   |
| <b>ODOUR</b>                            | Conforms   |
| <b>SPECIFIC GRAVITY @ 20°C</b>          | 1.180  |
| <b>SOLUBILITY IN WATER (5g/100ml)</b>   | Conforms   |
| <b>pH (10% AQUEOUS SOLUTION @ 20°C)</b> | 2.30   |
| <b><u>MICROBIOLOGICAL DATA</u></b>      |  |
| <b>TOTAL PLATE COUNT (CFU/g)</b>        | < 10   |
| <b>TOTAL FUNGI COUNT (CFU/g)</b>        | Conforms   |



VERSION: 1.2, 12/02/2018

## **GENETICALLY MODIFIED/ ENGINEERED MATERIALS**

### **AHA FRUIT ACIDS**

Whilst the above product supplied by MADAR Corporation is considered GM free, no assurances can be given to this effect due to the possibility of cross-contamination or inadvertent contact with GM materials, which is beyond our control.



# Material Safety Data Sheet

DATE OF ISSUE: 16/02/2005

## SECTION 1: PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME: **AHA FRUIT ACIDS**  
PRODUCT CODE:  
COMPANY NAME: MADAR Corporation Limited  
ADDRESS: 19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA  
APPROVED SELLERS: Mystic moments, New Directions, World of Moulds

## SECTION 2: COMPOSITION

INCI LISTING: Pyrus malus, Citrus medica limonum, Vaccinium myrtillus, Saccharum officinarum, Vitis vinifera, Propylene Glycol, Aqua, Lactic acid, Citric acid, Glycolic acid, Malic acid, Tartaric acid

## SECTION 3: HAZARDS IDENTIFICATION

HAZARD SUMMARY: No specific human or environmental hazards.

## SECTION 4: FIRST AID

INHALATION: Not considered a hazard under normal conditions of use.  
SKIN CONTACT: Wash with soap and water and seek medical advice if irritation persists.  
EYE CONTACT: Wash with copious amounts of water. Seek medical advice if irritation/redness/swelling persists.  
INGESTION: Wash out mouth with water if conscious. Seek urgent medical advice.

## SECTION 5: FIRE FIGHTING MEASURES

USE: Standard firefighting media.  
AVOID: No known firefighting media to be avoided.  
COMBUSTION PRODUCTS: None known.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Wear suitable protective clothing (see section 8).  
ENVIRONMENTAL PRECAUTIONS: Use appropriate containment to avoid environmental contamination.  
METHODS FOR CLEANING UP: Contain and collect by absorbing in inert material. Dispose of to an authorised waste collection point.

## SECTION 7: HANDLING & STORAGE

HANDLING PRECAUTIONS: Wear suitable protective clothing (see section 8).  
STORAGE CONDITIONS: Keep container tightly closed. Store in a cool, dry place.

## SECTION 8: EXPOSURE CONTROLS

EXPOSURE CONTROLS: Avoid excessive exposure to material.  
RESPIRATORY PROTECTION: Not considered a hazard under normal conditions of use.  
SKIN PROTECTION: Wear gloves and protective clothing.  
EYE PROTECTION: Wear protective goggles.

# Material Safety Data Sheet

## AHA FRUIT ACIDS

### SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE: Amber yellow liquid.  
ODOUR: Fruity.  
SPECIFIC GRAVITY: 1.16 to 1.21  
pH VALUE: 1.6 to 2.4  
SOLUBILITY: Soluble in water.

*This is not a sales specification.*

### SECTION 10: STABILITY & REACTIVITY

STABILITY: Stable under normal conditions.  
REACTIVITY: Possibly explosive in air after considerable heating.

### SECTION 11: TOXICOLOGICAL INFORMATION

LD50 (ORAL): > 10,000 mg/kg (Rat)

### SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL COMMENTS: No known ecotoxicological effects.

### SECTION 13: DISPOSAL CONSIDERATIONS

GENERAL DISPOSAL ADVICE: Dispose of in accordance with local regulations.

### SECTION 14: TRANSPORT INFORMATION

UN NUMBER: N/A  
CLASS: N/A  
UN PACKING GROUP: N/A

### SECTION 15: REGULATORY INFORMATION

HAZARD SYMBOLS: None  
RISK PHRASES: None  
SAFETY PHRASES: None

### SECTION 16: ADDITIONAL INFORMATION

REVISION DATE: 16/02/2005

THE INFORMATION CONTAINED HEREIN IS PROVIDED IN GOOD FAITH BUT DOES NOT CONSTITUTE A SPECIFICATION. SINCE THE USE OF THIS INFORMATION AND THE CONDITIONS OF USE OF THE PRODUCT ARE NOT WITHIN THE CONTROL OF MADAR CORPORATION LTD IT IS THE USER'S OBLIGATION TO DETERMINE CONDITIONS OF SAFE USE OF THIS PRODUCT.

# Product Data Profile Sheet

REVISION: 30/05/2018

## AHA FRUIT ACIDS

|                           |   |   |
|---------------------------|---|---|
| <b>Function</b>           | : | Cosmetic ingredient for topical use   |
| <b>Shelf Life</b>         | : | 18 months (when unopened and stored correctly)  |
| <b>Animal Testing</b>     | : | This product has never been tested on animals either by us, or on our behalf  |
| <b>Derivation</b>         | : | Vegetable / Synthetic   |
| <b>REACH</b>              | : | Herbs: Exempt under Annex V (paragraph 8)<br>Solvent: Registered (01-2119456809-23-xxxx)<br>Acids: Registered*                                      |
| <b>CMR</b>                | : | Carcinogenic, mutagenic or reprotoxic components listed on MSDS (where applicable)  |
| <b>SVHC</b>               | : | Substances of Very High Concern (as defined by CLP) listed on MSDS (where applicable)   |
| <b>Allergens</b>          | : | Relevant levels of the 26 EC-specified fragrance allergens not expected   |
| <b>Additives</b>          | : | All ingredients listed on technical data sheet  |
| <b>Nuts / derivatives</b> | : | No testing is carried out to determine an absolute absence but, unless listed as an ingredient, nuts are not expected to be present in this product |
| <b>Gluten</b>             | : | Not derived from wheat, rye or barley and gluten protein is therefore not expected to be present  |
| <b>BSE/TSE</b>            | : | N/A (product contains no animal-derived materials)  |
| <b>CITES</b>              | : | Pyrus malus, Citrus limon, Vaccinium myrtillus, Saccharum officinarum and Vitis vinifera are not currently listed on any CITES appendices           |

|   | <u>Component</u> | <u>Detail</u>         |
|---|------------------|-----------------------|
| * | Citric Acid      | 01-2119457026-42-xxxx |
| * | Lactic Acid      | 01-2119548400-48-xxxx |
| * | Glycolic Acid    | 01-2119485579-17-xxxx |
| * | Tartaric Acid    | 01-2119537204-47-xxxx |
| * | Malic Acid       | 01-2119906954-31-xxxx |



## Product Specification

REVISION: 16/02/2005

### AHA FRUIT ACIDS

The hydroglycolic extract from *Pyrus malus* (Apple), *Citrus medica limonum* (Lemon), *Vaccinium myrtillus* (Bilberry), *Saccharum officinarum* (Sugar Cane) and *Vitis vinifera* (Red Grape Leaves) blended with Alpha Hydroxy Acids (Malic, Citric, Lactic, Glycolic and Tartaric)

|   |                |
|---|----------------|
| <b>APPEARANCE</b>                       | Limpid, liquid |
| <b>ODOUR</b>                            | Characteristic |
| <b>SPECIFIC GRAVITY @ 20°C</b>          | 1.16 to 1.21   |
| <b>SOLUBILITY IN WATER (5g/100ml)</b>   | Soluble        |
| <b>pH (10% AQUEOUS SOLUTION @ 20°C)</b> | 1.6 to 2.4     |
| <b><u>MICROBIOLOGICAL DATA</u></b>      |                |
| <b>TOTAL PLATE COUNT (CFU/g)</b>        | 100 max        |
| <b>TOTAL FUNGI COUNT (CFU/g)</b>        | 10 max         |
| <b><u>TYPICAL ACID CONTENT (%)</u></b>  |                |
| <b>LACTIC ACID</b>                      | > 13           |
| <b>CITRIC ACID</b>                      | > 13           |
| <b>GLYCOLIC ACID</b>                    | > 10           |
| <b>MALIC ACID</b>                       | > 4            |
| <b>TARTARIC ACID</b>                    | > 4            |

| <b>INCI NAME</b>      | <b>PROPORTIONS</b> |         | <b>OVERALL % w/w</b> |
|-----------------------|--------------------|---------|----------------------|
| Pyrus malus           | ~ 41.3%            |         |                      |
| Citrus medica limonum | ~ 41.3%            |         |                      |
| Vaccinium myrtillus   | ~ 8.3%             | ~ 50.0% |                      |
| Saccharum officinarum | ~ 8.3%             |         | ~ 56.0               |
| Vitis vinifera        | ~ 0.8%             |         |                      |
| Propylene Glycol      | ~ 55.0%            | ~ 50.0% |                      |
| Aqua                  | ~ 45.0%            |         |                      |
| Lactic acid           |                    | ~ 30.0% |                      |
| Citric acid           |                    | ~ 30.0% |                      |
| Glycolic acid         |                    | ~ 22.0% | ~ 44.0               |
| Malic acid            |                    | ~ 9.0%  |                      |
| Tartaric acid         |                    | ~ 9.0%  |                      |