



Sophix Natural

And Agro Products Ltd

RC-1615742

SAFETY DATA SHEET

Section 1: Identification of the Substance/Preparation and of the Company/Undertaking

Identification of the substance or preparation

1.1 Product identifiers

Product : DL-Mandelic Acid

Name INCI

Name : Mandelic Acid

CAS# : 90-64-2

EINECS# : 202-007-6

REACH No. : A registration number is not available for this substance as the substance or its uses are exempted from registration; the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline.

1.2 Relevant identified uses of the substance or mixture and uses advised against Identified:

Antimicrobial in skin care products; Manufacturer of substances

uses

1.3 Details of the supplier of the safety data sheet

Distributor : SOPHIX NATURAL & AGRO PRODUCTS, LTD

Address : 5, Olayinka Owodunni Street, Off Sule Abore, Behind NNPC Filling Station, Ojodu Berger, Lagos.

Phone

: 0706-1111-838

Web

: www.sophixnatural.com

Section 2: Hazards Identification

Emergency Overview

OSHA Hazards

No known OSHA hazards

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

This substance is not classified as dangerous according to Directive 67/548/EEC.

Label elements

The product does not need to be labeled in accordance with EC directives or respective national laws.

HMIS Classification



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Health hazard: 0
Flammability: 0
Physical hazards: 0

NFPA Rating

Health hazard: 0
Fire: 0
Reactivity Hazard: 0

Potential Health Effects

Inhalation May be harmful if inhaled. May cause respiratory tract irritation.
Skin May be harmful if absorbed through skin. May cause skin irritation.
Eyes May cause eye irritation.
Ingestion May be harmful if swallowed.

Section 3: Composition and Information on Ingredients

Synonyms : (±)-α-Hydroxyphenylacetic acid;
 Benzeneacetic acid, .alpha.-hydroxy-

Formula : C8H8O3

Molecular Weight : 152.15 g/mol

CAS-No.	EC-No.	Concentration (%)
DL-Mandelic Acid		
90-64-2	202-007-6	100

Section 4: First Aid Measures

4.1 Description of first aid measures

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration.

In case of skin contact

Wash off with soap and plenty of water.

In case of eye contact

Flush eyes with water as a precaution.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water.



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4.2 Most important symptoms and effects, both acute and delayed

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

4.3 Indication of any immediate medical attention and special treatment needed no

data available

Section 5: Fire Fighting Measures

5.1 Extinguishing media

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture Carbon

oxides

5.3 Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

5.4 Further information no

data available

Section 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures Avoid

dust formation. Avoid breathing vapors, mist or gas.

6.2 Environmental precautions

Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up

Sweep up and shovel. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections For

disposal see section 13.

Section 7: Handling and Storage

7.1 Precautions for safe handling



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Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

7.2 **Conditions for safe storage, including any incompatibilities**

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

Light sensitive.

7.3 **Specific end uses**

no data available

Section 8: Exposure Controls/Personal Protection

8.1 **Control parameters**

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

8.2 **Exposure controls**

Appropriate engineering controls

General industrial hygiene practice.

Personal protective equipment

Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.

Wash and dry hands.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Body Protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.



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Respiratory protection

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Section 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

a) Appearance	Form: Solid
b) Odour	Colour: White No dataavailable
c) Odour Threshold	No dataavailable
d) pH	No dataavailable
e) Melting point/freezing point	Melting point/range: 118°C-121°C
f) Initial boiling point and boiling range	No dataavailable
g) Flash point	No dataavailable
h) Evaporation rate	No dataavailable
i) Flammability (solid, gas)	No dataavailable
j) Upper/lower flammability or explosive limits	No data available
k) Vapour pressure	No dataavailable
l) Vapour density	No dataavailable
m) Relative density	No dataavailable
n) Water solubility	No dataavailable
o) Partition coefficient: n-octanol/water	No dataavailable
p) Auto-ignition temperature	No dataavailable
q) Decomposition temperature	No dataavailable
r) Viscosity	No dataavailable
s) Explosive properties	No dataavailable
t) Oxidizing properties	No data available

9.2 Other safety information

No data available

Section 10: Stability and Reactivity

10.1 Reactivity no

data available

10.2 Chemical stability no

data available



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10.3 Possibility of hazardous reactions no

data available

10.4 Conditions to avoid no

data available

10.5 Incompatible materials

Strong bases, Strong oxidizing agents, Strong reducing agents

10.6 Hazardous decomposition products Other

decomposition products - no data available

Section 11: Toxicological Information

11.1 Information on toxicological effects

Acute toxicity

LD50 Intraperitoneal - rat - 4,100 mg/kg

Skin corrosion/irritation

no data available

Serious eye damage/eye irritation

no data available

Respiratory or skin sensitization

no data available

Germ cell mutagenicity

no data available

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.



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OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity

no data available

Specific target organ toxicity - single exposure

no data available

Specific target organ toxicity - repeated exposure

no data available

Aspiration hazard

no data available

Potential health effects

Inhalation May be harmful if inhaled. May cause respiratory tract irritation.

Ingestion May be harmful if swallowed.

Skin May be harmful if absorbed through skin. May cause skin irritation.

Eyes May cause eye irritation.

Signs and Symptoms of Exposure

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Additional Information

RTECS: 006300000

Section 12: Ecological Information

12.1 Toxicity

no data available

12.2 Persistence and degradability

no data available

12.3 Bio accumulative potential

no data available



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12.4 Mobility in soil

no data available

12.5 PBT and vPvB assessment no

data available

12.6 Other adverse effects

no data available

Section 13: Disposal Considerations

Waste treatment methods

Product

Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging

Dispose of as unused product.

Section 14: Transport Information

14.1 UN number

ADR/RID: -

IMDG: -

IATA: -

14.2 UN proper shipping name

ADR/RID:

Not dangerous goods

IMDG:

Not dangerous goods

IATA:

Not dangerous goods

14.3 Transport hazard class(es)

ADR/RID: -

IMDG: -

IATA: -

14.4 Packaging group

ADR/RID: -

IMDG: -

IATA: -

14.5 Environmental hazards

ADR/RID: no

IMDG Marine pollutant: no

IATA: no

14.6 Special precautions for user

No data available

Section 15: Regulatory Information

EINECS: This product is on the European Inventory of Existing commercial Chemical Substances.



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Safety, health and environmental regulations/legislation specific for the substance or mixture no data available

OSHA Hazards

No known OSHA hazards

DSL Status

All components of this product are on the Canadian DSL list.

SARA 302 Components

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

No SARA Hazards

Massachusetts Right To Know Components

No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know Components

	CAS-No.	Revision Date
DL-Mandelic Acid	90-64-2	

New Jersey Right To Know Components

	CAS-No.	Revision Date
Mandelic Acid	90-64-2	

California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Section 16: Other Information

Other Special Considerations: Not available.

Disclaimer

The information above is based on our present knowledge. 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. Users should make their own investigations to determine the suitability of the information for their particular purposes.