

MATERIAL SAFETY DATA SHEET

AMYRIS OIL (HAITI)

1 Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Trade Name

AMYRIS OIL HAITI

1.2 Details of the Supplier of the Safety Data Sheet

G. Baldwin & Co.

173 Walworth Road,

LONDON, ENGLAND. SE17 1RW.

Telephone: +44 (0) 207 703 5550 Fax: +44 (0)207 252 6264

E-mail: info@baldwins.co.uk

Web: www.baldwins.co.uk

1.4. Emergency telephone number

Emergency tel: +44 (0) 207 703 5550

(office hours only)

2 Hazards Identification

2.1 Classification of the Substance or Mixture:

Classification According to

Regulation (EC) No. 1272/2008

Physical and Chemical Hazards Not classified.

Human Health Skin Irrit. 2 – H315

Eye Irrit. 2 – H319

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P313 Get medical advice/attention.

P264 Wash contaminated skin thoroughly after handling.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P321 Specific treatment (see ... on this label).

P332+P313 If skin irritation occurs: Get medical advice/attention.

P337 If eye irritation persists:

P362 Take off contaminated clothing and wash before reuse.

Environment: Not classified.

The full text of all Hazard Statements is displayed in Section 16.

2.2 Label Elements:

Labelling According to Regulation (EC) No. 1272/2008:

Hazard Pictograms:

Signal Word WARNING

Hazard Statements:

H315 Causes skin irritation.

H319 Causes serious eye irritation.

3 Composition/Information on Ingredients

3.1 Identification Number(s)

EC (EINECS) Number 291-076-6

CAS Number 8015-65-4

4 First Aid Measures

4.1 Inhalation

Remove victim immediately from source of exposure. Get medical attention if any discomfort continues.

4.2 Ingestion

DO NOT INDUCE VOMITING! If conscious, rinse mouth with water then drink a glass of water. Get medical attention if any discomfort continues.

4.3 Skin Contact

Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

4.4 Eye Contact

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if any discomfort continues.

5 Fire-fighting Measures

5.1 Extinguishing Media

Use as appropriate: Carbon dioxide (CO₂), dry chemical or foam.

5.2 Special Fire Fighting Procedures

Smother to exclude air. Handle as an oil fire.

6 Accidental Release Measures

6.1 Personal Precautions

Wear protective clothing as described in Section 8 of this safety data sheet.

6.2 Environmental Precautions

Do not discharge into drains, water courses or onto the ground.

6.3 Spill Clean Up Methods

Use protective gloves. Minimise inhalation. Wipe up small spills. Large spills can be absorbed by earth, sand and suitable absorbents. Do not flush down drains. Move leaking drum to well ventilated area. Eliminate all sources of ignition.

7 Handling and Storage

7.1 Usage Precautions

Use in a ventilated area, away from sources of ignition. DO NOT SMOKE. Avoid spilling, skin and eye contact. Keep away from heat, sparks and open flames.

7.2 Storage Precautions

Store in tightly closed original containers in a dry, cool and well-ventilated place.

8 Exposure Controls/Personal Protection

8.1 Process Conditions

Provide eyewash station.

8.2 Engineering Measures

Provide adequate ventilation.

8.3 Respiratory Equipment

None required for normal usage, but if vapour becomes high then use approved respirator.

8.4 Hand Protection

Chemical resistant gloves (PVC).

8.5 Eye Protection

Wear approved safety goggles.

8.6 Other Protection

Oil resistant apron, eyewash and safety shower recommended.

Wash contaminated clothing before reuse.

8.7 Hygiene Measures

Good personal hygiene practices are always advisable, especially when working with chemicals.

8.8 Personal Protection

Avoid inhalation and contact with skin and eyes.

8.9 Skin Protection

Wear apron or protective clothing in case of splashes.

9 Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties:

Appearance Liquid.

Colour Pale to dark yellow.

Odour Woody.

Solubility Insoluble in water.

Relative Density 0.946 to 0.978 d₂₀/20

Vapour Pressure 0.001 mm Hg

Refractive Index 1.500 to 1.512

10 Stability and Reactivity

10.1 Stability

Stable for one year provided material is stored as recommended.

10.2 Conditions to Avoid

Avoid heat, flames and other sources of ignition.

10.3 Materials to Avoid

Strong oxidising agents.

11 Toxicological Information

11.1 Toxic Dose 1

LD 50 4540mg/kg (oral rat)

12 Ecological Information

12.1 Ecotoxicity

We have no data regarding ecotoxicity but it must be considered that this product may be dangerous for the environment.

13 Disposal Considerations

13.1 Disposal Methods

Dispose of in compliance with all local and national regulations.

14 Transport Information

14.1 Road Transport

Notes Not regulated.

14.2 Rail Transport

Notes Not regulated.

14.3 Sea Transport

Notes Not regulated.

14.4 Air Transport Notes

Not regulated.

15 Regulatory Information

16 Other Information

WARNING/DISCLAIMER:

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated.

However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.



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