

## MATERIAL SAFETY DATA SHEET

### YARROW OIL (BLUE)

<b>1 Identification of the Substance/Mixture and of the Company/Undertaking</b>
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#### 1.1 Trade Name

YARROW OIL BLUE ENGLISH

EC Number 282-030-6

EC Name Yarrow, Achillea millefolium, ext.

CAS Number (EC Inventory) 84082-83-7

#### 1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Used in the fragrance industry.

G. Baldwin & Co.

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LONDON, ENGLAND. SE17 1RW.

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

E-mail: [info@baldwins.co.uk](mailto:info@baldwins.co.uk)

Web: [www.baldwins.co.uk](http://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:

In Accordance with the Classification Labelling and Packaging Regulation EC No.  
1272/2008:

Signal Word DANGER

Hazard Statements:

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

P262 Do not get in eyes, on skin or on clothing.

P273 Avoid release to the environment.

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

P301+P310 IF SWALLOWED: Immediately call a POISON CENTRE or  
doctor/physician.

P331 Do NOT induce vomiting.

P391 Collect spillage.

H317 May cause an allergic skin reaction.

H411 Toxic to aquatic life with long lasting effects.

Precautionary Statements:

### 2.2 Label Elements:

## 3 Composition/Information on Ingredients

### 3.1 Substances

Substances Name YARROW OIL BLUE ENGLISH

Country of Origin England.

Latin Name Achillea millefolium.

Extraction Method Steam distillation of the herb.

Purity 100%

## **4 First Aid Measures**

### **4.1 Description of First Aid Measures**

**Skin Contact** Rinse with running water. Remove contaminated clothing. If irritation persists, seek medical attention.

**Eye Contact** Rinse with sterile water or an approved eyewash solution for 15 minutes. Seek medical attention if irritation or discomfort persists.

**Inhalation** Move to fresh air and rest. Seek medical attention if symptoms persist.

**Ingestion** If swallowed do not induce vomiting, seek medical advice immediately and show the label or container.

### **4.2 Most Important Symptoms and Effects, Both Acute and Delayed**

No further information available at this time.

### **4.3 Indication of Immediate Medical Attention and Special Treatment Needed**

Symptomatic treatment as required.

## **5 Fire-fighting Measures**

### **5.1 Extinguishing Media**

CO<sub>2</sub>, dry powder and foams may be used.

## **5.2 Special Hazards Arising from the Substance or Mixture**

Products of combustion are smoke, Carbon monoxide and Carbon dioxide.

## **5.3 Advice for Fire-fighters**

DO NOT USE water as extinguishing media. Avoid vapour inhalation. Closed containers need to be cooled if exposed to heat.

# **6 Accidental Release Measures**

## **6.1 Personal Precautions, Protective**

Equipment and Emergency Procedures

Wear clothing suitable for an emergency.

## **6.2 Environmental Precautions**

Contain the leak with earth or sand. Prevent from entering drains, sewers and water courses. If this cannot be done, advise the local authority.

## **6.3 Methods and Material for Containment and Cleaning Up**

Absorb spillage onto sand or earth. Transfer to a suitable container for disposal.

# **7 Handling and Storage**

## **7.1 Precautions for Safe Handling**

Handle in a well ventilated area, away from sources of ignition. Avoid spillage and eye contact (gloves and goggles recommended). Do not smoke.

## **7.2 Conditions for Safe Storage, Including any Incompatibilities**

Store at ambient temperature in a dark container. Store away from oxidizing substances e.g. Bleach. Store in full containers; stainless steel for bulk or glass for small quantities.

### **7.3 Specific End Use(s)**

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

### **8.1 Control Parameters**

No information available.

### **8.2 Exposure Controls**

Engineering Measures Use suitable handling equipment.

Respiratory Equipment Use only in well ventilated areas. Use protection in poor ventilation.

Hand Protection Wear gloves.

Eye Protection Wear safety goggles.

Skin Protection Wear suitable protective clothing.

## **9 Physical and Chemical Properties**

### **9.1 Information on Basic Physical and Chemical Properties**

State Viscous liquid.

Odour Characteristic of Yarrow.

Odour Threshold No data available.

pH Not applicable.

Melting Point Not applicable.

Boiling Point Not applicable.

Flash Point (Closed Cup) 54°C

Evaporation Rate No data available.

Flammability Flammable.

Upper/Lower Flammability Limits No data available.

Vapour Pressure No data available.

Vapour Density No data available.

Relative Density 0.910 to 0.952

Solubility in Water Sparingly soluble.

Solubility in Other Solvents Soluble.

Partition Coefficient (log Kow) No data available.

Auto-ignition Temperature No data available.

Decomposition Temperature No data available.

Viscosity No data available.

Explosive Properties No data available.

Oxidising Properties None.

## **9.2 Other Information:**

Particle Size Not applicable.

# **10 Stability and Reactivity**

## **10.1 Reactivity**

Will react with oxidising agents.

## **10.2 Chemical Stability**

Stable under proper storage conditions.

### **10.3 Possibility of Hazardous Reactions**

Not if stored correctly.

### **10.4 Conditions to Avoid**

Do not leave containers open to the air. Avoid storage at elevated temperatures and sources of ignition.

### **10.5 Incompatible Materials**

Oxidising agents.

### **10.6 Hazardous Decomposition Products**

On combustion may produce smoke, Carbon monoxide and Carbon dioxide.

## **11 Toxicological Information**

### **11.1 Information on Toxicological Effects**

This product has not been tested. Judgements on the expected toxicity of this product have been made based upon consideration of its major components.

Acute Toxicity LD<sub>50</sub> -No data available.

Skin Corrosion/Irritation Irritating to the skin.

## **12 Ecological Information**

### **12.1 Toxicity**

No data available.

### **12.2 Persistence & Biodegradability**

No data available.

### **12.3 Bioaccumulative Potential**

No data available.

### **12.4 Mobility in Soil**

No data available.

### **12.5 Results of PBT and vPvB Assessment**

No data available.

### **12.6 Other Adverse Effects**

## **13 Disposal Considerations**

### **13.1 Waste Treatment**

#### Methods

Do not dispose into drainage systems. Ensure disposal is within local and national guidelines. Consult a specialist waste disposal company for correct disposal procedure and/or seek other expert advice.

ADR IMDG ICAO

## **14 Transport Information**

### **14.1 UN Number**

1169

### **14.2 UN Proper Shipping Name**

Yarrow Oil



### **14.3 Transport Hazard Class(es)**

3 3 3

### **14.4 Packing Group**

III

### **14.5 Environmental Hazards**

### **14.6 Special Precautions for User**

### **14.7 Transport in Bulk According to Annex II of MARPOL73/78 and the IBC Code**

<h2><b>15 Regulatory Information</b></h2>
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#### **15.1 Safety, Health and Environmental Regulations/ Legislation Specific for the Substance or Mixture**

This substance is listed as existing in  
Europe.

Serious Eye Damage/Irritation May cause eye irritation.

Respiratory or Skin Sensitisation May cause an allergic skin reaction.

Germ Cell Mutagenicity No data available.

Carcinogenicity No data available.

Reproductive Toxicity No data available.

STOT-single Exposure No data available.

STOT-repeated Exposure No data available.

Aspiration Hazard No data available.

#### **15.2 Chemical Safety Assessment**

A chemical safety assessment has not been carried out for this product.

## 16 Other Information

### 16.1 List of Abbreviations used in this MSDS:

CAS Chemical Abstracts Service.

CLP Classification, Labelling and Packaging Regulation (EC) no 1272/2008.

DSD Dangerous Substances Directive 67/548/EEC.

DPD Dangerous Preparations Directive 1999/45/EC.

EC European Community/Commission.

PBT Persistent, Bioaccumulative and Toxic.

REACH Registration, Evaluation, Authorisation and Restriction of Chemical Regulation (EC) No.

1907/2006.

vPvB Very Persistent, very Bioaccumulative.

### WARNING/DISCLAIMER:

Baldwins gives the above advice in good faith, it is not intended to be a substitute for customers own testing to ascertain good safety procedures.



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