

MATERIAL SAFETY DATA SHEET

Date prepared: 26.04.12 Date revised: 26.04.12 Rev 3

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & COMPANY

Product name: Rapeseed Wax

Use of substance Chemical industry, candle industry, basic material. Product is /preparation: defined as raw material for production of for further processing.

Supplier: G. Baldwin & Co. Ltd.

Address: 171-173 Walworth Road, London SE17 1RW

Phone Number: +44 2077035550 (Monday - Friday 0800-17.00)

Emergency Number: +44 2077035550 (Monday - Friday 0800-17.00)

Fax Number: +44 2072526264

Email: sales@baldwins.co.uk

2. HAZARDS IDENTIFICATION

2.1 Classification/hazards characteristics: This product does not require labelling in sense of preparation guideline 67/548/EWG and 1999/45/EG

2.2 Additional safety information for humans and the environment: Risk of skin burns caused by hot melt.

3. COMPOSITION

Substance/preparation/composition related information

Chemical characterisation: Hardened Rapeseed Oil

CAS No: 84681-71-0

EINECS No.: 283-532-8

Hazard ingredients: none

4. FIRST AID MEASURES;

General Information: Take away contaminated clothes.

In case of eye contact: In case of contact with eyes, rinse immediately thoroughly with plenty of water. In case of eye irritation consult an ophthalmologist.

In case of skin contact: In case of contact with molten product, cool skin area rapidly with cold water. Do not peel solidified product off the skin

In case of inhalation: Move affected person into fresh air, keep warm and allow to rest. In case of respiratory tract irritation consult a physician.

In case of ingestion: Rinse mouth thoroughly with water.

Information to physician: No data available.

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5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: sand, foam, dry powder, carbon dioxide (CO²)

Extinguishing media which must water

not be used for safety reason:

Special exposure hazards In case of fire the following may be liberated: CO² arising from the substances, or nitro oxides (NO_x), soot and other organic products.

preparation itself, combustion

products, resulting gases:

Special protective equipment In case of fire: Wear self-contained breathing

For fire fighters: apparatus.

Additional information: Use water spray to protect personnel and to cool endangered containers.

6. ACCIDENTAL RELEASE

Personal precautions: Wear breathing apparatus if exposed to vapour/dusts/aerosols.

Environmental precautions: Do not allow to drains, water courses or soil.

Cleaning procedures: Allow product to cool down and solidify. Collect in suitable containers for recycling or disposal. Please look for disposal considerations.

7. HANDLING AND STORAGE

Safe handling advice: Avoid forming of wax vapour/fume. If this is not possible provide proper air ventilation; if necessary use extraction plant.

Advice on protection against Steps against electrostatic charges should be provided

fire and explosion: Product may only form ignitable compositions or burn, if heated up to temperatures higher than flashpoint.

Additional information

Requirement for storage areas Only use containers specially approved for the substance and containers: /product. Keep storage place cool and dry

Materials to avoid: strong oxidizing agents.

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Further information on storage Keep in cool, well ventilated place and out of direct conditions: sunlight.

Fire class: B

Storage class VCI: 11 (burnable solids)

Typical applications Observe technical data sheet

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

National occupational exposure not applicable

limit value:

European occupational exposure not applicable

limit value:

Engineering measures: In case of thermal processing, provide for extraction of vapours or adequate ventilation.

Personal protective equipment

Respiratory protection: Respiratory protection is necessary at aerosol or mist formation: use mask offilter types A2, A2/P2 or ABEK.

Hand protection: Hand protection in accordance to other used chemicals. Hand protection is recommended.

Use protective skin cream regulatory.

Eye protection: Eye glasses with side protection

Body protection: If contact with hot product is possible, please wear heat resistant and flame retardant protective clothing.

Hygiene measures: Usual precautions for proper handling of chemicals should be observed. After work, before meal breaks, clean wax soiled skin by water and emollient cleaning agent/soap. Avoid inhalation of wax fume.

9. PHYSICAL & CHEMICAL PROPERTIES

Form: solid

Colour: off white to light yellow

Odour: low typical

Important health, safety and environmental information

pH – value: not applicable

Drop point (DIN ISO2176): 35 - 80°C

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Boiling temperature/ undetermined

boiling range:

Vapour pressure: undetermined

Density at 20.0°C (DIN 53217): approx. 0.90 g.cm³

Solubility in water at 20.0°C insoluble

Flash point (DIN ISO 2592): >150°C

Ignition temperature: not available.

10. STABILITY AND REACTIVITY

Conditions to avoid: No hazardous reactions known

Material to avoid: Reactions with strong oxidizing agents.

Hazard decomposition products: No hazardous decompositions products known

11. TOXICOLOGICAL INFORMATION

Non human toxicological data

Acute oral toxicity: no data available

Additional information: Data obtained by analogy e.g QSAR

12. ECOLOGICAL INFORMATION

Ecotoxicity: No data available, not expected to be dangerous to the aquatic environment.

Acute oral toxicity: No data available

Additional information: Data obtained by analogy e.g. QSAR Page 5 of 6

13. DISPOSAL CONDITIONS

Product: With respect to local regulations, e.g. dispose of to suitable waste incineration plant via licensed waste contractor.

Waste designations in accordance with EWC

Waste key number: No waste key number as per European Waste types List can be assigned to this product, since such classification is based on the (as yet undetermined) use to which the product is put by the consumer. The waste key number must be determined as per the European Waste Types List (decision on the EU Waste Types List 2000/532/EC) in co-operation with the disposal firm/producing firm/official authority.

Empty packages: Non-contaminated packages may be recycled. Packing which cannot be properly cleaned must be disposed of.

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14. TRANSPORT INFORMATION

ADR/RID non restricted

GGVC/GGVE: non restricted

IATA-TI: non restricted

IATA-DGR: non restricted

IMDG: non restricted

GGVSee: non restricted

15. REGULATORY INFORMATION

Labelling in accordance to This product does not require a hazard warning label

EC-Directive: in accordance to 67/548/EWG and 1999/45/EC.

National regulation: Please check local regulation and contact administration.

Water hazard class

Classification: n.w. no water endangering; in accor. To VwVwS,
Annex 1.

16. OTHER INFORMATION

Recommended restrictions on use: Not heated up to temperatures higher than flash point.

The information contained herein is for health and safety guidance only and does not constitute a product specification. It is, to the best of our knowledge and belief accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the user to comply with all applicable laws and regulations.