

MATERIAL SAFETY DATA SHEET

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Paraffin wax KERAFINE 60/62

Issue date: 21 November 2022

Revision date: June 18th, 2020 REVISION 4

Modifications versus revision 3 are written in blue colour.

Presentation and rules of drafting in conformity with the regulation (CE) 1907/2006 and amendments.

1. IDENTIFICATION OF THE SUBSTANCE AND COMPANIES

REACH Registration number: 01-219488076-30-0017

1.1 Identification of the substance: Paraffin Wax KERAFINE 60/62

Uses advised against

No additional information available.

1.2 Identification of companies:

Supplier: Assistance Distribution Chimie
123 rue Marie Curie
26780 Châteauneuf-du-Rhône
Phone: +33 (0)4 75 54 35 05
E-Mail : contact@adc-chimie.com

Producer: Fushun
China

Emergency number: ORFILA 33 (0)1 45 42 59 59

ANTI-POISON CENTERS:

Paris: 33 (0)1 40 05 48 48

Lille: 33 (0) 825 812 822

Nancy: 33 (0)3 83 32 36 36

Toulouse: 33 (0)5 61 77 74 47

Angers: 33 (0)2 41 48 21 21

Lyon: 33 (0)4 72 11 69 11

Rennes: 33 (0)2 99 59 22 22

Bordeaux: 33 (0) 5 56 96 40 80

Marseille: 33 (0)4 91 75 25 25

Strasbourg: 33 (0)3 88 37 37 37

Toxicovigilance centers:

Grenoble - Reims - Rouen

2. HAZARD IDENTIFICATION:

2.1 Classification of the substance:

Following the regulation (CE) n° 1272/2008: the substance is not classified following the CLP Regulation.

Following the Directive 67/548/EEC or 1999/45/EC: not classified as dangerous.

2.2 Labelling information:

2.2.1 Regulation (EC) n° 1272/2008 (CLP/GHS): no labelling applicable

2.2.2 Labelling according to Directive 67/548 EEC or 1999/45/EC: no labelling applicable.

2.3 Others hazards:

The exposition to hot product may cause burns.

May make the soil slippery.

Human health hazards:

NFPA Notation (0-4): health risk= 0, inflammability = 1, reactivity = 0.

Carcinogenic power: not carcinogenic, listed by NTP, OSHA and IARC

Evaluation PBT and vPvB: not applicable

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3. COMPOSITION/INFORMATION ON INGREDIENTS:

3.1 Identification of the substance: Solid saturated hydrocarbons.

Average molecular weight: --

INCI Name: Paraffin Wax

INN Name: --

3.2 Additives: stabilizer <0.3%

3.3 EINECS Number	Formula	EINECS Name/EC name	CAS Number
232-315-6	C_nH_{2n+2}	Paraffin waxes	8002-74-2

3.4 Composant(s) presenting a danger/risk: None to our knowledge.

3.5 Impuritie(s) presenting a danger/risk: None to our knowledge.

4. FIRST AID MEASURES:

4.1 Symptoms and side effects:

Do not present any danger of acute intoxication under normal conditions of use.

4.1 Inhalation:

Low hazard. In case of nausea or dizziness, move to fresh air. If necessary, get medical advice.

4.2 Skin contact:

After contact with the melted product, take off immediately all contaminated clothing, and wash immediately. Cool the skin quickly with cool water until the pain disappears. Wash the skin with soap and water. When using high pressure machine, there is a risk of product injection into the skin. In this case, go to the hospital.

4.3 Eyes contact:

If necessary, take off contact lenses. Immediately, flush eyes with plenty of water for at least 20 minutes. Get medical attention if necessary. If medical advice is needed, have product container or label at hands.

4.4 Ingestion: induce vomiting.

Low hazard. Seek medical attention and show the container label.

5. FIRE FIGHTING MEASURES:

5.1 Suitable extinguishing media:

Foam, carbon dioxide or dry powder, sand, water fog. Cover with carbon dioxide or sand only for limited fires.

Avoid using Halon fire extinguisher for environmental reasons.

5.2 Special hazards arising from the substance:

Thermal decomposition products may include toxic oxides of carbon.

5.3 Advice for firefighters:

Protective equipment for firefighters: In case of fire, wear self-contained breathing apparatus.

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6. ACCIDENTAL RELEASE MEASURES:

6.1 Personal precautions, protective equipment and emergency procedures:

Wear protective equipment listed at section 8.

6.2 Environmental precautions:

Do not drain out the effluence into the sewerage. Prevent further leakage or spillage and prevent from entering drains. Prevent from spreading or entering into drains, ditches or rivers by using sand, earth or other appropriate barriers.

6.3 In case of important spillage: inform the responsible authorities.

6.4 Clean-up methods:

6.4.1 Recovery: collect the product in a container pending future.

6.4.2 Disposal: use authorized discharge or burn in approved installation.

7. HANDLING AND STORAGE:

7.1 Handling:

Prevent the inhalation or the dust or vapour or the product. Wear protective equipment listed at section 8.

7.2 Storage:

Keep at temperature not exceeding 30°C.

Keep container away from sun.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

8.1 Exposure limits:

5 mg/m³ OSHA (respirable dust)

Provide explosion proof ventilation to meet exposure limits.

8.2 Personal protective equipment:

a) Respiratory protection: atmospheric levels should be maintained below exposure limits. Use a NIOSH-MSHA approved respirator based on contamination levels in the workplace.

b) Hand protection: wear appropriate protective gloves.

c) Eyes protection: wear splash-proof or dust-resistance safety goggles.

d) Other protective equipment: wear rubberized apron to help protect body from spills or molten resin.

8.3 Industrial hygiene: wash hands before eating and drinking. Keep away from food, beverages and tobacco. ---

9. PHYSICAL AND CHEMICAL PROPERTIES:

9.1 General information:

Physical form:	Solid at 20 °C
Form:	Slabs, block
Colour:	White
Odour:	Odourless

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9.2 Important health, safety and environmental information:

pH:	N.A.
Typical temperatures:	Congealing point: ~60 °C ASTM D 938 Softening point: 47-65 °C Flash point: >199 °C Auto ignition: >150 °C Decomposition: >200 °C
Explosive properties:	--
Explosive limits:	
Upper limit:	Paraffin dust/powder: > 15g/m ³
Lower limit:	Paraffin dust/powder: > 1000 g/m ³
Oxidizing properties:	N.A.
Vapour pressure at 20 °C:	< 0,01 hPa
Density at 20°C:	0.88-0.92
Solubility at 20 °C:	in halogenated hydrocarbons: soluble
Hydro solubility:	In water: insoluble
Solubility in organic solvent	soluble
N-Octanol/Water partition coefficient:	N.A.
Viscosity at 100 °C:	2,5 – 10 mm ² /s
Vapour density:	N.A.
Evaporation rate:	N.A.

10. STABILITY AND REACTIVITY:

10.1 Stability: stable under normal operation conditions.

10.2 Conditions to avoid: open flames, high temperatures, direct sunlight.

10.2 Incompatible substance: strong oxidizing agents.

10.3 Hazardous decomposition products: carbon monoxide, carbon dioxide.

11. TOXICOLOGICAL INFORMATION:

11.1 Acute toxicity:

7g/kg oral: LD50 (rat) >2000mg/kg

11.2 Respiratory: at high temperature, vapours and/or aerosols may cause irritation.

11.3 Skin corrosion/irritation: not classified. The use of the product in liquid state may cause burns. Not expected to be a skin sensitizer.

11.4 Eyes: not classified. At high temperature, vapours and/or aerosols may cause irritation.

11.5 Carcinogenicity: not listed by ACGIH, IARC, NTP and OS.

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12. ECOLOGICAL INFORMATION:

12.1 Ecotoxicity: insoluble in water.

12.2 Mobility: Floats on water. If the product enters into soil, it will absorb to soil and will not be mobile.
Semi-solid under most environmental conditions.

12.3 Persistence and degradability: Insoluble in water, not absorbed by the environment.
Not readily biodegradable.

13. DISPOSAL CONSIDERATION:

13.1 Do not allow material to enter into the drains, river nor in the natural environment.

13.2 Respect the regulation of the local authority.

14. TRANSPORT INFORMATION:

14.1 Transport by hearth:

ADR/RID category: 9

14.2 Transport by boat:

IMDG category: 9

15. REGULATORY INFORMATION:

Labelling according to regulation (CE) n°1272/2008: nothing.

16. OTHER INFORMATION:

R- phrase(s): no

S- phrase(s): no

Revised following REACH regulations

This MSDS completes the technical data sheet but does not replace it. The information provided in this Safety Data Sheet is correct to the best of our knowledge information and belief at the date of its revision. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, distribution, uses and cleaning, disposal and release in a security state and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process unless specified in the text.

We caution the users to the incurred possible risks when the product is used at other ends than the use for which it is planned.

It exempts under no circumstances the user from knowing and applying all the texts regulating its activity. The user will take under its only responsibility the precautions linked to the use which he makes of the product.
