

Material Safety Data Sheet

58# PARAFFIN WAX
MSDS No.: AJT160708115E

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product Name: 58# Semi-refined paraffin wax

Product Code&Grade: 58#

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

Product Use: Candles, crayons, wax paper, general telecommunications equipment and light industry, chemical raw materials.

1.3 Details of the supplier of the safety data sheet

Company/undertaking identification:

Company Name: Ningbo HuaShang Petrochemical Sales Co., Ltd.

Address: No.100, SOUTH OF XINGHAI ROAD, HIGH-TECH ZONE, NINGBO CITY, ZHEJIANG PROVINCE, CHINA 315000

Tel: (0086) (574) (89078998)

Fax: (0086) (574) (87853269)

Email: huashangshihua@163.com

1.4 Emergency telephone number

Emergency Telephone: (0086) (574) (87853269)

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

The products are white waxy solid form.

Not classified as dangerous goods according to EC regulation EC/1907/2006 (REACH) & EC/1272/2008(CLP).

2.2 Label elements

Signal word None

2.3 Hazard pictogram

None

2.4 Precautionary statements

Exposure to fumes from melting operations may cause irritation.

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Contact with molten material will cause thermal burns.

No other significant immediate health, physical or environmental hazards are associated with these materials.

POTENTIAL HEALTH HAZARDS:

SKIN: Prolonged or repeated contact may cause irritation. Contact with molten material will cause thermal burns.

EYES: Exposure to fumes may cause irritation.

INHALATION: Fumes may cause irritation.

INGESTION: Not expected to occur.

DELAYED EFFECTS: None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Preparation: Preparation

Ingredients Name	Content/%	CAS No.	EINECS No.	Classification (67/548/EEC)	Classification (1272/2008/EC)
Paraffin waxes and Hydrocarbon waxes	~100	8002-74-2	232-315-6	Not Classified	Not Classified

Note:

1: See Section 8 of MSDS for exposure limit data for these ingredients.

This MSDS contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for employees and other users of the product.

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

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

4.2 Most important symptoms and effects, both acute and delayed

No data available

4.3 Indication of any immediate medical attention and special treatment needed

No data available

5. FIRE FIGHTING MEASURES

5.1 Flammable Properties

Flash Point: > 190°C

5.2 Suitable extinguishing media:

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

5.3 Special hazards arising from the substance or mixture

Nature of decomposition products not known.

5.4 Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Avoid breathing vapours, mist or gas.

For personal protection see section 8.

6.2 Environmental precautions

No special environmental precautions required.

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.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Provide appropriate exhaust ventilation at places where dust is formed.

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7.2 Conditions for safe storage, including any incompatibilities

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

7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

8.1 Exposure controls

Appropriate engineering controls

General industrial hygiene practice.

8.2 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.

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.

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).

8.3 Control of environmental exposure

No special environmental precautions required.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 APPEARANCE: White

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9.2 **PHYSICAL STATE:** Solid.

9.3 **ODOR:** Characteristic waxy odor.

9.4 **SPECIFIC GRAVITY: (Water = 1.0)** 0.87-0.92

9.5 **SOLUBILITY IN WATER: (Weight %)** Negligible

9.6 **pH:** Not applicable.

9.7 **BOILING POINT:** Not applicable.

9.8 **MELTING POINT:** 58~60 °C

9.9 **VAPOR PRESSURE:** Negligible.

9.10 **VAPOR DENSITY: (Air = 1.0)** Not applicable.

9.11 **EVAPORATION RATE:** Not applicable. Compared to: Not applicable.

9.12 **% VOLATILES:** Not applicable.

9.13 **FLASH POINT:** > 190 °C

Assay items	Quality Index (Qualified)	Test result	Test method(Standard Number)
Melting point, °C	>=58, <60	58.5	GB/T 2539
Color, Saybolt Color	>=+18	30	GB/T 3555
light stability, Number	<=6	4	SH/T 0404
Mechanical impurities and water	None	None	Visual method
Water-soluble acid or alkali	None	None	NB/SH/T 0407
Kinematic viscosity (100°C), mm ² /s	Report	4.145	GB/T 265
Oil content, %(Quality Score)	<=2.0	1.03	GB/T 3554
Penetration, (100g,25°C) 1/10mm	<=23	18.0	GB/T 4985
Penetration, (100g,35°C) 1/10mm	Report	38.0	GB/T 4985
Smell, number	<=2	0	SH/T 0414

10. STABILITY AND REACTIVITY

10.1 **Stability:** Stable under normal conditions of storage and handling.

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- 10.2 Materials to avoid:** Strong oxidizing agents
- 10.3 Conditions to avoid:** Under normal conditions no hazardous reactions likely
- 10.4 Hazardous decomposition products:** Depending on conditions of fire, CO, CO₂, and other hazardous gases may be generated.
- 10.5 Hazardous polymerization:** Will not occur.

11. TOXICOLOGICAL INFORMATION

11.1 IMMEDIATE (ACUTE) EFFECTS:

Ingredient Name: Paraffin wax fume

Literature data: Eye-Standard Draize test; 100 mg/24 hr (rabbits): mild reaction
Skin-Standard Draize test: 500 mg/24 hr (rabbits): mild reaction

11.2 DELAYED (SUBCHRONIC & CHRONIC) EFFECTS:

No adverse effects reported.

12. ECOLOGICAL INFORMATION

12.1 Ecotoxicity:

No ecotoxicity data available.

This product is not soluble in water, and is not expected to cause an adverse environmental effect.

12.2 Mobility: Not determined.

12.3 Biodegradability: No data available.

12.4 Bioaccumulation: Not determined

13. DISPOSAL CONSIDERATIONS

13.1 Waste Disposal Method: Discard as non-hazardous organic solid waste. Incinerate or landfill. Observe all laws concerning health and environment.

14. TRANSPORT INFORMATION

Regulatory Information	UN No.	Proper Shipping Name	Class	Packing Group	Label
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DOT Class	-	-	-	-	-
TDG Class	-	-	-	-	-
ADR/RID Class	-	-	-	-	-
IMDG Class	-	-	-	-	-
IATA-DGR Class	-	-	-	-	-
ADG Class	-	-	-	-	-

This product is not regulated as dangerous goods for transportation.

15. REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006. Product classification is according to CLP Regulation (EC) No 1272-2008.

EC Classification: -

EC Labeling

- **Symbol(s):** -

- **R Phrase(s):** -

- **S Phrase(s):** -

Inventory Status

Inventory

European Union (EINECS)

Status

One or more ingredients are listed on EINECS.

16. OTHER INFORMATION

Risk phrases in section 3: -

Full text of H-Statements referred to under sections 3:-

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This information and these recommendations are offered in good faith and believed to be correct as of the date hereof. Information and recommendations are supplied upon the condition that the recipients will make their own decision as to safety and suitability for their purposes. No representations or warranties, either expressed or implied, of merchantability,

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fitness for a particular purpose, or of any other nature, are made with respect to the product or the information and recommendations. We make no representation as to completeness or accuracy. In no event we shall be responsible for damages of any nature whatsoever resulting from the use or reliance upon the information and recommendations.

* * * END OF MSDS * * *

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