



CS WAX 50

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Issue date: 14 October 2020 Revision date: 14 October 2020 Version: 1.0

SECTION 1: Identification

1.1. Identification

Product form : Substance
Trade name : CS WAX 50
CAS-No. : 8002-74-2
Chemical name : Paraffin waxes and Hydrocarbon waxes
Product code : CS WAX 50
Synonyms : Paraffin wax / Paraffin wax fume / Wax, paraffin / Wax, synthetic paraffin / Paraffin / Paraffin waxes / Paraffin waxes and hydrocarbon waxes / PARAFFIN / Synthetic wax / Solid saturated hydrocarbon / Hydrocarbon waxes / Wax / SYNTHETIC WAX / n-Paraffins / Petroleum wax / paraffin

1.2. Recommended use and restrictions on use

Use of the substance/mixture : CS 50 WAX: Hot melt adhesives, inks, pvc additives, food coatings

1.3. Supplier

Manufacturer
ClearShift LLC
5910 N Central Expressway Suite 1800
Dallas, Texas 75206
Tel:214-396-9322
Email: SDS@goclearshift.com

1.4. Emergency telephone number

Emergency number : 1-800-424-9300

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

Not classified

2.2. GHS Label elements, including precautionary statements

GHS US labeling

No labeling applicable

2.3. Other hazards which do not result in classification

Other hazards not contributing to the classification : Risk of thermal burns on contact with heated product.

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/Information on ingredients

3.1. Substances

Name	Product identifier	%	GHS US classification
Paraffin waxes and Hydrocarbon waxes (Main constituent)	(CAS-No.) 8002-74-2	100	Not classified

3.2. Mixtures

Not applicable

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures general : If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation : Remove person to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Obtain medical attention.

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| First-aid measures after skin contact | : Rinse with plenty of water. Seek medical attention if irritation develops. Risk of thermal burns on contact with heated product. Thermal burns : Seek medical attention if burns develop. |
| First-aid measures after eye contact | : Rinse with plenty of water. Seek medical attention if irritation develops. |
| First-aid measures after ingestion | : Seek medical attention if ill effect or irritation develops. |

4.2. Most important symptoms and effects (acute and delayed)

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| Symptoms/effects | : Risk of thermal burns on contact with heated product. |
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4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

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| Suitable extinguishing media | : Use extinguishing media appropriate for surrounding fire. |
| Unsuitable extinguishing media | : None known. |

5.2. Specific hazards arising from the chemical

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| Fire hazard | : Presents no particular fire or explosion hazard. |
| Explosion hazard | : No hazard identified. |
| Hazardous decomposition products in case of fire | : Thermal decomposition may produce : Carbon oxides (CO, CO ₂). Toxic and Hazardous Substances. |

5.3. Special protective equipment and precautions for fire-fighters

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| Firefighting instructions | : Fight fire with normal precautions from a reasonable distance. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment. |
| Protection during firefighting | : Do not attempt to take action without suitable protective equipment. |

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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| General measures | : Risk of thermal burns on contact with molten product. Do not touch spilled material. |
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6.1.1. For non-emergency personnel

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| Protective equipment | : For further information refer to section 8: "Exposure controls/personal protection". |
| Emergency procedures | : No additional risk management measures required. |

6.1.2. For emergency responders

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|----------------------|--|
| Protective equipment | : For further information refer to section 8: "Exposure controls/personal protection". |
| Emergency procedures | : No additional risk management measures required. |

6.2. Environmental precautions

No special environmental precautions required.

6.3. Methods and material for containment and cleaning up

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| For containment | : Collect spillage. |
| Methods for cleaning up | : Mechanically recover the product. Sweep or shovel spills into appropriate container for disposal. If melted: allow liquid to solidify before taking it up. |
| Other information | : Dispose in a safe manner in accordance with local/national regulations. |

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For disposal of residues refer to section 13 : "Disposal considerations".

SECTION 7: Handling and storage

7.1. Precautions for safe handling

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| Additional hazards when processed | : Risk of thermal burns on contact with heated product. |
| Precautions for safe handling | : No specific measures are required provided the product is handled in accordance with the general rules of occupational hygiene and safety. |
| Hygiene measures | : Always wash hands after handling the product. Use good personal hygiene practices. |

7.2. Conditions for safe storage, including any incompatibilities

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| Storage conditions | : Keep only in the original container in a cool well ventilated place. Keep container closed when not in use. |
| Incompatible materials | : None known. |

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Paraffin waxes and Hydrocarbon waxes (8002-74-2)

No additional information available

8.2. Appropriate engineering controls

Appropriate engineering controls : Use ventilation and other engineering controls to minimize worker exposure.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

No special protection required.

Thermal hazard protection:

When handling molten material, thermally-protective long sleeved clothing, boots and gloves should be worn.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Color	: whitish
Odor	: Waxy
Odor threshold	: No data available
pH	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: Not flammable.
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: No data available
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available

9.2. Other information

Additional information : Pour Point, CS WAX 50: ~ 50 °C

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

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10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation)	: Not classified (Based on available data, the classification criteria are not met)
Skin corrosion/irritation	: Not classified (Based on available data, the classification criteria are not met)
Serious eye damage/irritation	: Not classified (Based on available data, the classification criteria are not met)
Respiratory or skin sensitization	: Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	: Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure	: Not classified (Based on available data, the classification criteria are not met)
STOT-repeated exposure	: Not classified (Based on available data, the classification criteria are not met)
Aspiration hazard	: Not classified (Based on available data, the classification criteria are not met)
Viscosity, kinematic	: No data available
Symptoms/effects	: Risk of thermal burns on contact with heated product.
Other information	: Likely routes of exposure: ingestion, inhalation, skin and eye.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : This material has not been tested for environmental effects.

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Other information : No other effects known.

SECTION 13: Disposal considerations

13.1. Disposal methods

No additional information available

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Not regulated

Transportation of Dangerous Goods

Not regulated

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Transport by sea

Not regulated

Air transport

Not regulated

SECTION 15: Regulatory information

15.1. US Federal regulations

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

15.2. International regulations

CANADA

No additional information available

EU-Regulations

No additional information available

National regulations

No additional information available

15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

SECTION 16: Other information

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SDS US (GHS HazCom 2012)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.