

## 1) CHEMICAL PRODUCT AND COMPANY NAME

**Cutting Wax**  
**Part No. 191897-9**

## Safety Data Sheet

Complies with the OSHA Hazard  
Communication Standard :  
29 CFR 1910 1200

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	Date Revised: 02/21/2019

## EMERGENCY CONTACT INFORMATION

**Telephone Number for Information:** MAKITA: 1-510-657-9881

### Emergency Response

For Chemical Emergency  
Spills, Leak, Fire, Exposure, or Accident  
Call CHEMTREC Day or Night  
Within USA and Canada 1-800-424-9300

## 2) COMPOSITION, INFORMATION OR INGREDIENTS:

<b>Substance or mixture:</b>	Substance
<b>Chemical name or generic name:</b>	Microcrystalline Wax
<b>Other identifiers:</b>	Paraffin waxes and Hydrocarbon waxes, microcryst.
<b>CAS number:</b>	63231-60-7
<b>EINECS number:</b>	264-038-1
<b>Concentration:</b>	Paraffin wax (100 % by Wt.)

## 3) HAZARD IDENTIFICATION:

### GHS classification

### Health and environmental hazards

**Serious eye damage / eye irritation:** Category 2B – Causes eye irritation

**Specific target organ toxicity – Single exposure:** Category 3 – Respiratory tract irritation

### (Note)

GHS Classification without mention: Not applicable / Not classified /Classification not possible

### CONTINUED: 3) HAZARD IDENTIFICATION:

#### GHS Label elements

##### Symbols:



<b>Signal word:</b>	Warning
<b>Hazard statements:</b>	Causes eye irritation May cause respiratory irritation
<b>Precautionary statements</b>	
<b>Prevention:</b>	Wash hands thoroughly after handling Avoid breathing dust/fume/mist/vapours/spray. Use only outdoors or in a well-ventilated area.
<b>Response:</b>	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a doctor if you feel unwell.
<b>Storage:</b>	Store in a well-ventilated place.
<b>Disposal:</b>	Dispose of contents/container to local/regional/national/international regulation.

#### 4) FIRST AID MEASURE:

<b>Inhalation:</b>	Remove to fresh air and keep at rest in apposition comfortable for breathing. Call doctor/physician if you feel unwell.
<b>Skin contact:</b>	Cool with cold water and obtain medical attention immediately, if burned by hot product.
<b>Eye contact:</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.
<b>Ingestion:</b>	Wash mouth well with water. If irritation persists, get medical advice/attention.

#### 5) Fire-Fighting Measures:

<b>Extinguishing media:</b>	Fine water spray, Foam, Dry chemical, Carbon dioxide, or Dry sand
<b>Extinguishing media that are unsuitable:</b>	Water jets
<b>Specific hazards:</b>	Hazardous fumes, gas or vapours may evolve on burning.
<b>Specific extinguishing methods:</b>	Treat as petroleum oil fire
<b>Protection of fire-fighters:</b>	For large fires, protective wear and automatic supplying air respirator is required.

## 6) ACCIDENTAL RELEASE MEASURES:

### Personal precautions, protective equipment, and emergency procedures:

- Avoid contact with skin and eyes.
- Wear personal protective equipment.
- Evacuate all non-essential personnel from the immediate area.
- Do not work downstream of wind.

### Environmental precautions:

- Be careful not to discharge, not even a small amount, to river system.

### Methods and materials for containment and methods and materials for cleaning up:

- Contain molten wax with sand or earth.
- Do not disperse using water. Allow wax to cool and remove as a solid.
- Recover free solid.
- If molten wax spilled, solidify and recover.
- Eliminate all sources of ignition.

## 7) HANDLING AND STORAGE:

### Handling:

- |                              |   |
|------------------------------|---|
| Technical measures:          | Wear protective equipment when there is possibility of inhalation.<br>Local and general ventilation: Place local exhaust fan in areas where vapours and fumes are produced. |
| Safety handling precautions: | Avoid breathing vapours and fumes from molten product.<br>Wash hands after handling.<br>Use only outdoors or in well-ventilated area.                                       |
| Prevention of contact:       | See Stability and Reactivity, Section 10 of this Safety Data Sheet.   |

### Storage:

- |                          |   |
|--------------------------|---|
| Safe storage conditions: | Store in a well-ventilated, cool, dark place, away from fire sources and high temperature objects.<br>When storing in molten state, be cautious of coagulation due to overheating.<br>This material is not hazardous under normal storage conditions.<br>Do not store near high heat or open flames.<br>Incompatible products: Oxidizing agents, strong acids |
| Safe packaging material: | If stored in liquid state, use stainless steel for containers.  |

## 8) EXPOSURE CONTROLS AND PERSONAL PROTECTION:

### Control parameters:

- |   |   |
|---|---|
| Allowable Concentration<br>ACGIH(2014): | TLV-TWA 2 mg/m <sup>3</sup> ( for paraffin wax fumes in air ) |
|---|---|

### Engineering controls:

- Install eyes washer and shower in the place of operation.
- Provide local exhaust ventilation system.
- Ensure compliance with applicable exposure limits.

### Personal protective equipment:

- |                           |   |
|---------------------------|---|
| Respiratory protection:   | Breathing protection when handling molten form.   |
| Hand protection:          | Heat-insulating gloves when handling molten form. |
| Eye protection:           | Safety goggles when handling molten form.         |
| Skin and body protection: | Heat Protective suit when handling molten form.   |

### Hygiene measures:

- Wash hands after handling.

## 9) PHYSICAL AND CHEMICAL PROPERTIES:

Physical state, form, color, etc.:	Pale yellow waxy solid
Odour:	A little odour
pH:	No data
Melting point/ freezing point:	75 °C
Boiling point, initial boiling point and boiling range:	No data
Flash point:	313 °C
Combustion characteristics (solid, gas):	No data
Vapour pressure:	No data
Specific gravity(density):	0.80 g/cm <sup>3</sup> , at 100 °C
Solubility:	Not soluble in water
n-Octanol/water partition coefficient:	log Pow > 6
Auto- ignition temperature:	No data
Decomposition temperature:	No data
Viscosity:	Not applicable

## 10) STABILITY AND REACTIVITY:

Reactivity:	Stable in normal handling conditions
Chemical stability:	Polymerization will not occur.
Hazardous reactions:	Oxidizing agents and strong acids react on this product.
Conditions to avoid:	Avoid excessive heat, flames and all sources of ignition.
Incompatible materials:	Oxidizing agents, strong acids
Hazardous decomposition products:	No data

## 11) TOXICOLOGICAL INFORMATION:

(Data for Paraffin wax)	
Acute toxicity oral:	Rat LD <sub>50</sub> : > 5000mg/kg (IUCLID (2000))
Dermal:	Rabbit LD <sub>50</sub> : > 3600mg/kg (IUCLID (2000))
Skin irritation/corrosion:	Rabbit: slightly irritating and not irritating (IUCLID (2000))
Serious eye damage/ irritation:	Rabbit: mild irritant (RTECS (2008)) Rabbit: slightly irritant(IUCLID(2000))
Carcinogenicity:	Not listed by ACGIH, IARC, NIOSH, NTP or OSHA.
Specific target organ toxicity – Single exposure:	Fumes may cause mild irritation. (PATTY5th (2001))

## 12) ECOLOGICAL INFORMATION:

Ecotoxicity:	No data
Persistence and degradability:	No data
Bioaccumulative potential:	No data

## 12) CONTINUED: ECOLOGICAL INFORMATION:

Mobility in soil:	No data
Hazard to the ozone layer:	This substance is not listed in Annexes to the Montreal Protocol.

## 13) DISPOSAL CONSIDERATIONS:

Waste from residues:	Dispose in accordance with the current local regulations.
Contaminated container and contaminated packaging:	Dispose in accordance with the current local regulations.

## 14) TRANSPORT INFORMATION:

International regulations:	
UN No. :	Not applicable
Liquid substances transported in bulk according to MARPOL 73/78, Annex II, the IBC Code (Y):	
Paraffin wax:	Noxious Liquid Substance, Pollution Category Y

## 15) REGULATORY INFORMATION:

U.S. Regulations:	
EPA Toxic Substance Control Act (TSCA) Status:	This product is listed on the TSCA inventory.
OSHA:	This substance is not listed in 29 CFR 1910 Subpart Z (Toxic and Hazardous Substances).
ACGIH:	TLVS Threshold Limit Values American Conference of Governmental Industrial Hygienists Threshold Limit Values and Biological Exposure Indices for 2014. Listed Name (s): Paraffin wax fume
FDA:	Indirect Food Additives: Adjuvants, Production Aids, and Sanitizers (21CFR Part178.3710)
International Regulations:	
Inventory Status:	On TSCA, DSL, EINECS, ENCS, AICS, ECL, SWISS, and PICCS
CLP Regulation (EC) No. 1272/2008 Annex VI Table 3.1/3.2 :	Not listed.
Catalogue of Hazardous Chemicals (2015) of China:	Not listed.
GHS Classification & Labeling for Toxic Chemicals designated by Korea NIER:	Not listed.

## 16) OTHER INFORMATION:

NFPA RATING:	Health = 0	Fire = 1	Reactivity = 0
HMIS RATING:	Health = 0	Fire = 1	Reactivity = 0

### Literature references:

- 1) JCDB Chem. DB (2010): GHS Model SDS
- 2) IUCLID (2000)
- 3) RTECS (2008): RV0350000
- 4) PATTY 5th (2001)
- 5) ICSC (2003) : WHO/IPCS International Chemical Safety Cards ICSC1457 6) EHC 20 (1982)
- 7) ACGIH (2014)
- 8) JNITE home page (2010): GHS Classification result ID21B3029

**16) CONTINUED: OTHER INFORMATION:**

**Note:** All statements, information, and data given herein are believed to be accurate and reliable but are presented without guaranty and responsibility. Statements or suggestions concerning possible use of our product are made without guaranty, since the conditions of use are beyond our control.