

## 1 IDENTIFICATION OF THE PRODUCT

Product Name : Thermo Meta Wax  
 Company's Name : Cleantools (S) Pte Ltd  
 Address : 5 Kaki Bukit Road 2, #02-16 City Warehouse  
 Singapore 417839  
 Telephone Number : 6744 4777

## 2 HAZARD IDENTIFICATION

Classification of the substance or mixture.

This product is not classified as hazardous according to the GHS criteria

## 3 COMPOSITION / INFORMATION ON INGREDIENTS

Component	Concentration (%)	CAS No.
Diethylene Glycol Monoethyl Ether	< 10	111-77-3
Tri butoxyethyl Phosphate	< 2	78-51-3

### Non-Hazardous Ingredients

Acrylic Polymer	< 60	NONHAZ
Akaline Soluble Resin	< 5	NONHAZ
Emulsified Hydrocarbon Waxes	< 15	N/E
Water (Surfactant , preservative, antifoaming agents)		NONHAZ

## 4 FIRST AID PROCEDURES

After skin contact : Flush skin with large amount of water. If irritation persists, get medical attention

After eye contact : Flush eyes with large amount of water for at least 15 minutes. If irritation persists, get medical attention

After ingestion : Drink large amount of water or milk and seek medical aid.

After inhalation : Move to fresh air

## 5 FIRE AND EXPLOSION HAZARD DATA

Flash Point (Tag, Closed Tester) : Non-combustible

Extinguishing Media : Product is not combustible

Special Fire Fighting Procedures : None

Unusual Fire and Explosion Hazards : Material can splatter above 100 °C / 212 °F  
 Polymer film can burn

	<u>LEL</u>	<u>UEL</u>
Flammable Limits	: N/A	N/A

## 6 ACCIDENTAL RELEASE MEASURES

Steps to be taken if material is released or spilled:

Keep spectators away. Floor may be slippery; use care to avoid falling. Dike and container spill with inert material (e.g. sand, earth). Transfer liquid to containers for recovery or disposal and solid diking material to separate containers for disposal. Remove contaminated clothing promptly and wash affected skin areas with soap and water. Wash clothings before reuse.

Keep spills and cleaning runoffs out of municipal sewage and open bodies of water.

## 7 HANDLING AND STORAGE

Handling : Follow label for use directions. Do not mix with other chemicals unless instructed by by label directions. Avoid contact with skin, eyes and clothings. Use with adequate ventilation. Avoid breathing vapor or mist. Wash thoroughly after handling. Remove contaminated clothing. Wash clothing and equipment before reuses.

Storage : Store in a cool, dry and well ventilated areas.

## 8 CONTROL AND PROTECTIVE MEASURES

For Handling Product as Supplied

Respiratory Protection : Not normally needed  
Ventilation : Normal ventilation is adequate  
Protective gloves : Not normally needed  
Eye protection : Wear chemical splash goggles  
Other protective equipment : Not normally needed

## 9 PHYSICAL AND CHEMICAL CHARACTERISTICS

Appearance	: Milky-white liquid	Specific gravity (H <sup>2</sup> O =1 )	: approx. 1
Odor	: Mild acrylic odor	Boiling point (°C )	: 100°C / 212 °F
Viscosity	: Variable	Melting or freezing point	: 0°C / 32°F Water
pH value	: 8.4 - 9.4	Vapor Pressure (mmHg)	: N/D
% volatile by weight	: 82.3 - 81.3%	Vapor Density (Air = 1)	: > 1
Solubility in water	: Disperse completely	Evaporation Rate (butyl acetate = 1)	: < 1

## 10. STABILITY AND REACTIVITY DATA

Stability : Stable  
Conditions to avoid : Temperature over 177°C / 350°F  
Incompatibility (materials avoid) : N/A  
Hazardous Decomposition Products : N/A  
Hazardous Polymerization : Will not occur

## 11 TOXICOLOGY INFORMATION

Acute inhalation : May cause headaches  
Acute skin contact : May cause irritation  
Acute Eye contact : May cause eye discomfort  
Acute ingestion : May cause irritation

## 12 ECOLOGICAL INFORMATION

Use according to proper work manners and avoid dispersion in the environment

### **13 DISPOSAL CONSIDERATION**

Waste disposal method:

Coagulate the emulsion by stepwise addition of ferric chloride and lime. Remove the clear supernatant liquid and flush to a chemical sewer. Incinerate the solids and contaminated diking material at a permitted facility according to a local state and federal regulations.

### **14 TRANSPORT INFORMATION**

Land : This product is not permitted for road/rail transport

Sea : This product is not permitted for sea transport

Air : This product is not permitted for air transport

### **15 REGULATORY INFORMATION**

See section 2

Ozone depleting chemicals : N/A

### **16 OTHER INFORMATION**

This CSDS has been revised in January 2016 to provide more information.

The information contained herein is based on our present state of knowledge on the aforementioned date. It should not therefore be construed as guaranteeing specific properties of the product described. User is bound to assure himself of suitability and completeness of this information according to the specific use. This safety data sheet cancel and replace every previous edition.