



# SAFETY DATA SHEET

According to 1907/2006/EC, Article 31

## Reflez ME 31

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### **SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

Product name: Reflez ME 31  
INCI name: Polyglyceryl-10 Oleate and Polyglyceryl-4 Oleate  
CAS number: 79665-93-3 and 9007-48-1

#### **Relevant identified uses of the substance and uses advised against**

Identified uses: Industrial use  
Uses advised against: None known

#### **Details of the supplier of the safety data sheet**

Manufacturer/Supplier: CIDOLS SDN BHD  
Address: No 37, Jalan Selat Selatan 7/KS5, Taman Perindustrian Sobena  
Jaya Pandamaran, 42000 Pelabuhan Klang, Selangor, Malaysia.  
Emergency Contact number: +603 31631679  
Website: www.cidols.com

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### **SECTION 2: Hazards Identification**

Hazard classification: Not classified

Human Health Hazards

Skin contact: None identified  
Eye contact: None identified  
Ingestion: None identified  
Physical/Chemical Hazards: None identified  
Environmental Hazards: None identified

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### **SECTION 3: Composition/information on ingredients**

| Name                   | Product identifier                      | %     |
|------------------------|-----------------------------------------|-------|
| Polyglyceryl-10 Oleate | CAS-No: 79665-93-3<br>EC no.: 279-230-0 | 65-70 |
| Polyglyceryl-4 Oleate  | CAS-No: 9007-48-1<br>EC no.: -          | 30-35 |

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### **SECTION 4: First aid measures**

General Advice: If you feel unwell, seek medical advice.



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|-------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Skin Contact:                                               | Wash with soap and water. Get medical attention if symptoms occur.                   |
| Eye Contact:                                                | Wash out immediately with water. Get medical attention if symptoms persist.          |
| Inhalation:                                                 | Move to fresh air. Treat symptomatically. Get medical attention if symptoms persist. |
| Ingestion:                                                  | Rinse mouth with water                                                               |
| Most important symptoms and effects, both acute and delayed | No known chronic or acute health risks                                               |

### Indication of any immediate medical attention and special treatment needed

|            |                       |
|------------|-----------------------|
| Hazards:   | None known            |
| Treatment: | Treat symptomatically |

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## **SECTION 5: Firefighting measures**

|                       |            |
|-----------------------|------------|
| General fire hazards: | None known |
|-----------------------|------------|

### **Extinguishing media**

|                                                        |                                                                                                                   |
|--------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| Suitable extinguish media:                             | AFFF foam. BC powder. Carbon dioxide. Dry sand. Dry chemical powder. Adapt extinguishing media to the environment |
| Unsuitable extinguishing media                         | Solid water jet                                                                                                   |
| Special hazards arising from the substance or mixture: | None known                                                                                                        |

### **Advice for firefighters**

|                                                 |                                                                                                      |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------|
| Precautionary measures fire:                    | Exposure to fire/heat keep unwind. Exposure to fire/heat: have neighbourhood close doors and windows |
| Special firefighting procedures:                | None known                                                                                           |
| Special protective equipment for fire-fighters: | Self-contained breathing apparatus and full protective clothing must be worn in case of fire         |

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### **SECTION 6: Accidental release measures**

|                                                                      |                                                                                                                                                                                   |
|----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General measures:                                                    | Mark the danger area. Exposure to heat: have neighbourhood close doors and windows. Exposure to fire/heat: consider evacuation. Wash contaminated clothes.                        |
| Personal precautions, protective equipment and emergency procedures: | Wear appropriate personal protective equipment                                                                                                                                    |
| Environmental precautions:                                           | Prevent soil and water pollution                                                                                                                                                  |
| Methods for cleaning up:                                             | Clean contaminated surfaces with an excess of water and soap solution. Take up liquid spill into inert absorbent material, e.g.: dry sand/earth/vermiculite or powdered limestone |
| Notification procedures:                                             | In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations                                                          |

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### **SECTION 7: Handling and storage**

|                               |                                                                                                                                                                                                 |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Precaution for safe handling: | Keep container tightly closed in a dry and well-ventilated place. Store at room temperature in the original container. Keep away from naked flames/heat. Keep away from ignition sources/sparks |
| Handling temperature:         | $\geq 10^{\circ}\text{C}$ above melting point                                                                                                                                                   |

#### **Conditions for safe storage, including any incompatibilities**

|                               |                                                                                                                                   |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Heat and ignition sources:    | KEEP SUBSTANCE AWAY FROM: heat sources                                                                                            |
| Information on mixed storage: | KEEP SUBSTANCE AWAY FROM: ignition sources, (strong) acids, (strong) bases.                                                       |
| Storage area:                 | Keep container in a well-ventilated place. Store at ambient temperature. Keep out of direct sunlight. Meet the legal requirements |
| Special rules on packaging:   | Closed, correctly labelled, meet the legal requirements                                                                           |
| Packaging materials:          | No supplementary information available                                                                                            |

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### **SECTION 8: Exposure controls/personal protection**

#### **Control parameters**

|                               |                                                                                                      |
|-------------------------------|------------------------------------------------------------------------------------------------------|
| Occupational exposure limits: | Country specific exposure limits have not been established or are not applicable unless listed below |
|-------------------------------|------------------------------------------------------------------------------------------------------|

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### Exposure controls

|                                    |                                                          |
|------------------------------------|----------------------------------------------------------|
| Personal protective equipment:     | Gloves. Protective clothing. Safety glasses              |
| Materials for protective clothing: | Give good resistance: nitrile rubber                     |
| Hand protection:                   | Gloves                                                   |
| Eye protection:                    | Not required for normal conditions of use                |
| Skin and body protection:          | Protective clothing                                      |
| Respiratory protection:            | Respiratory protection not required in normal conditions |



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## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

|                                |                          |
|--------------------------------|--------------------------|
| Physical state:                | Hazy Liquid              |
| Appearance (room temperature): | Liquid                   |
| Colour:                        | Yellow to amber          |
| Odour:                         | Sweet characteristic     |
| Odour threshold:               | No data available        |
| pH:                            | No data available        |
| Decomposition temperature:     | No data available        |
| Flash point:                   | > 258 °C                 |
| Flammability (solid, gas):     | No data available        |
| Boiling point:                 | No data available        |
| Density:                       | No data available        |
| Solubility:                    | No data available        |
| Melting point:                 | No data available        |
| Log Pow:                       | No data available        |
| Explosive properties:          | Product is not explosive |
| Oxidising properties:          | Product is not oxidising |
| Auto ignition temperature:     | No data available        |
| Explosive limits:              | No data available        |

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## SECTION 10: Stability and reactivity

|                     |                                                         |
|---------------------|---------------------------------------------------------|
| Chemical stability: | Stable under normal conditions                          |
| Materials to avoid: |                                                         |
| Reactivity:         | On burning release of (carbon monoxide- carbon dioxide) |



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|                                   |                   |
|-----------------------------------|-------------------|
| Conditions to avoid:              | No data available |
| Hazardous decomposition products: | No data available |
| Hazardous polymerization:         | Will not occur    |
| Hazardous reactions:              | None              |

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### **SECTION 11: Toxicological information**

|                                    |                |
|------------------------------------|----------------|
| Acute toxicity:                    | Not classified |
| Skin corrosion/irritation:         | Not classified |
| Serious eye damage/irritation:     | Not classified |
| Respiratory or skin sensitisation: | Not classified |
| Germ cell mutagenicity:            | Not classified |
| Carcinogenicity:                   | Not classified |
| Reproductive toxicity:             | Not classified |
| STOT-single exposure:              | Not classified |
| STOT-repeated exposure:            | Not classified |
| Aspiration hazard:                 | Not classified |

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### **SECTION 12: Ecological information**

|                                                    |                                                                  |
|----------------------------------------------------|------------------------------------------------------------------|
| Ecotoxicity:                                       | No data available                                                |
| BOD5 and COD:                                      | No data available                                                |
| Products of biodegradation:                        | Possibly hazardous short term degradation product are not likely |
| Toxicity of products of Biodegradation:            | No data available                                                |
| Special remarks on the products of biodegradation: | No data available                                                |

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### **SECTION 13: Disposal considerations**

|                         |                                              |
|-------------------------|----------------------------------------------|
| Methods of disposal:    | Re-use/recycling of waste highly recommended |
| Contaminated packaging: | Observe local regulations                    |

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### **SECTION 14: Transport information**

|      |                     |
|------|---------------------|
| DOT: | Class not regulated |
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|--------------------------------------------------|---------------------|
| IMDG-International Maritime Dangerous Good Code: | Class not regulated |
| IATA:                                            | Class not regulated |

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### **SECTION 15: Regulation information**

**Safety, health and environmental regulations/legislation specific for the substance or mixture**

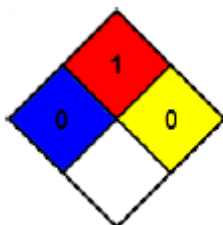
|                      |                   |
|----------------------|-------------------|
| EU regulation:       | No data available |
| National regulation: | No data available |

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### **SECTION 16: Other information**

|                       |                                                                                                                   |
|-----------------------|-------------------------------------------------------------------------------------------------------------------|
| Training advice:      | No supplementary information available                                                                            |
| Revision information: | New SDS                                                                                                           |
| Issue date:           | 16/09/2018                                                                                                        |
| NFPA health hazard:   | 0-Materials that, under emergency conditions, would offer no hazard beyond that of ordinary combustible materials |
| NFPA fire hazard:     | 1-Materials that must be preheated before ignition occur                                                          |
| NFPA reactivity:      | 0-Materials that in themselves are normally stable, even under fire conditions                                    |

NFPA image:



|                    |                                        |
|--------------------|----------------------------------------|
| Other information: | No supplementary information available |
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