

# Safety data sheet

## MASTERCLEAN

Version 1.0

Effective date: 20-03-2017



### SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY / UNDERTAKING

#### 1.1 Product identifier

**Trade name:** MASTERCLEAN

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

**Product use:** Masterclean MC200 cleaning compound for injection moulding machines and extruders.

#### 1.3 Details of the Supplier of the safety data sheet

**Company:** Mouldpro ApS  
Baltorpbakken 10  
2750 Ballerup  
Phone: + 45 7020 3131

**Contact:** sales@mouldpro.com

#### 1.4 Emergency telephone number:

Use your national or local emergency number

### SECTION 2. HAZARDS IDENTIFICATION

#### 2.1 Classification according to 1272/2008 CLP.

Not classified.

#### 2.2 Label Elements 1272/2008 CLP:

Not classified.

#### Additional labelling:

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#### 2.3 Other Hazards

Not classified as PBT/vPvB by current EU criteria.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1/2 Substance/Mixture

The composition includes inert minerals. The detergent mixture Masterclean contains inorganic and inert salts and other components.

#### 3.3 Additional information:

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### SECTION 4. FIRST AID MEASURES

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### 4.1 Description of first aid measures

- General information:** Always contact a doctor, if in doubt about the injured person's condition or if the symptoms continue.
- Inhalation:** Usually not harmful.
- Skin contact:** If molten polymer is involved, rinse with plenty of water and seek medical aid.
- Eye contact:** If molten polymer is involved, rinse with plenty of water and seek medical aid.
- Ingestion:** No negative health effects to be expected upon swallowing the resin.

### 4.2 Most important symptoms and effects, both acute and delayed

None known.

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

Treat symptomatically.

## SECTION 5. FIRE FIGHTING MEASURES

**5.1 Extinguishing media:** Water fog, dry chemical.

**Unsuitable extinguishing media:**

None known.

**5.2 Special hazards arising from the substance or mixture**

As with any polymer product, incomplete combustion may release carbon monoxide.

**5.3 Advice for firefighters:**

Wear self-contained breathing apparatus and protective clothing to prevent contact.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

**6.1 Personal precautions, protective equipment and emergency procedures**

Wear appropriate personal protective equipment as specified in section 8.

**6.2 Environmental precautions:**

Do not discharge into the drains / surface waters / groundwater.

**6.3 Methods and material for containment and cleaning up:**

Take up by mechanical means. Collect in suitable containers and deliver as waste according to section 13.

**6.4 Reference to other sections:**

See section 8 and 13.

## SECTION 7. HANDLING AND STORAGE

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### 7.1 Precautions for safe handling:

See section on 'Exposure controls/personal protection' for information on personal protection. Avoid direct contact with molten polymers. Avoid inhalation of vapours. Can be handled as thermoplastic resin.

### 7.2 Conditions for safe storage, including any incompatibilities:

Store in a dry, normally ventilated area below 80°C.

### 7.3 Specific end use(s):

This product should only be used for applications described in section 1.2.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

#### Occupational exposure limits WEL (Great Britain):

Not relevant.

#### DNEL / PNEC:

Data not available.

### 8.2 Exposure controls

#### Appropriate technical measures:

Provide adequate ventilation.

#### General information / Hygiene measures:

Smoking, consumption of food or liquid, and storage of tobacco, food or liquid, are not allowed in the workroom. Whenever you take a break in using this product and when you have finished using it, all exposed areas of the body must be washed. Always wash hands, forearms and face. Ensure clear access to the shower/eyewash station. Avoid direct contact with molten polymers.

#### Personal protective equipment:

Only CE-marked personal protection equipment should be used.

#### Respiratory protection:

Normally not required.

#### Hand protection:

As normally required when working with molten polymers. (Gloves). EN 374.

#### Eye protection:

Safety glasses as normally required when working with molten polymers. EN 166.

#### Body protection:

Overalls.

#### Measures to avoid environmental exposure:

Do not discharge into the drains/surface waters/groundwater.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

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### 9.1 Information on basic physical and chemical properties

<b>Appearance:</b> Plastic pellets	<b>Color:</b> Mixture of white, grey and yellow shades	<b>Odour:</b> None	<b>PH:</b> -	<b>Viscosity:</b> -
<b>Flash point:</b> -	<b>Boiling point:</b> -	<b>Vapour pressure:</b> -	<b>Density g/dm:</b> 867(active part)	<b>Melting point:</b> 80°C (active part)
<b>Ignition temperature:</b> >340°C (plastic part)	<b>Auto-ignition:</b> -	<b>Explosive limits</b> -	<b>Solubility in water:</b> Not soluble	

### 9.2 Other information:

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## SECTION 10. STABILITY AND REACTIVITY

- 10.1 Reactivity:** Stable under normal conditions.
- 10.2 Chemical stability:** The product is stable under the conditions, noted in the section on "Handling and storage".
- 10.3 Possibility of hazardous reactions:** The product is stable at the given use and storing conditions.
- 10.4 Conditions to avoid:** Temperatures exceed 320°C.
- 10.5 Incompatible materials:** None known.
- 10.6 Hazardous decomposition products:** Carbon monoxide (CO).

## SECTION 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on Toxicological effects

- 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.

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**Specific target organ toxicity - single exposure:** Not classified.

**Specific target organ toxicity – repeated exposure:** Not classified.

**Aspiration hazard:** Not classified.

**Additional Information:** None irritant effects (in its pellets form).

### SECTION 12. ECOLOGICAL INFORMATION

**12.1 Toxicity:** Not classified as dangerous to environment.

**12.2 Persistence and degradability:** No data available.

**12.3 Bioaccumulative potential:** No data available.

**12.4 Mobility in soil:** No data available.

**12.5 Result of PBT and vPvB assesment:** Not classified as PBT/vPvB by current EU criteria.

**12.6 Other adverse effects:** None known.

### SECTION 13. DISPOSAL CONSIDERATIONS

**13.1 Waste treatment methods:** Dispose of waste and residues in accordance with local authority requirements. The coding of a waste stream is based on the application of the product by the consumer.

**Contaminated packing:** Packaging which contains leftovers from the product must be disposed of in the same way as the product.

### SECTION 14. TRANSPORT INFORMATION

This product is not classified as dangerous of transport.

	ADR/RID	IMDG/IMO
14.1 UN number	-	-
14.2 UN proper shipping name	-	-
14.3 Transport hazard class(es)	-	-

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<b>14.4 Packing group</b>	-	-
<b>14.5 Environmental hazards - MP</b>	No	No
<b>Other informations</b>	-	-

### 14.6 Special precautions for user:

-

### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:

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## SECTION 15. REGULATORY INFORMATION

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

#### Sources:

Pressure Equipment (Amendment) Regulations 2011. Chemicals (Hazard Information and Packaging for Supply) Regulations 2009. Control of Substances Hazardous to Health Regulations 2002 (as amended). Merchant Shipping (Dangerous Goods and Marine Pollutants) Regulations 1997. Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 1995 (as amended). Personal Protective Equipment Regulations 2002. Personal Protective Equipment at Work Regulations 1992. Hazardous Waste (England and Wales) Regulations 2005(as amended). EC regulation 1907/2006 (REACH) Directive 2000/532/EC. 648/2004.

#### Additional information:

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### 15.2 Chemical Safety Assessment:

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

## SECTION 16. OTHER INFORMATION

### Full text of H-phrases as mentioned in section 3:

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#### Additional information:

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.

#### Validated by:

SRS

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