

Safety data sheet

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MBCC Safety data sheet

Date / Revised: 16.01.2020

Product: **MasterRoc MP 230CLN**

Version: 2.0

(30562250/SDS_GEN_AU/EN)

Date of print 17.01.2020

1. Substance/preparation and manufacturer/supplier identification

MasterRoc MP 230CLN

Manufacturer/supplier:

MB Solutions Australia Pty Ltd
11 Stanton Road
Seven Hills NSW 2147, AUSTRALIA
Telephone: +611300227300

Emergency information:

Emergency Telephone: ChemTel: +1-813-248-0585; Australia: 1-300-954-583

2. Hazard identification

Classification of the substance and mixture:

No need for classification according to GHS criteria for this product.

Label elements and precautionary statement:

The product does not require a hazard warning label in accordance with GHS criteria.

Other hazards which do not result in classification:

If applicable information is provided in this section on other hazards which do not result in classification but which may contribute to the overall hazards of the substance or mixture.

3. Composition/information on ingredients

Chemical nature

Preparation based on: alkylphenol, sulfonic acid, ester

No particular hazards known.

4. First-Aid Measures

General advice:

First aid personnel should pay attention to their own safety. Immediately remove contaminated clothing.

If inhaled:

Keep patient calm, remove to fresh air. If symptoms persist, seek medical advice.

On skin contact:

After contact with skin, wash immediately with plenty of water and soap. Under no circumstances should organic solvent be used. If irritation develops, seek medical attention.

On contact with eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

On ingestion:

Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention. Do not induce vomiting unless told to by a poison control center or doctor.

Note to physician:

Symptoms: Information, i.e. additional information on symptoms and effects may be included in the GHS labeling phrases available in Section 2 and in the Toxicological assessments available in Section 11.

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

5. Fire-Fighting Measures

Suitable extinguishing media:

foam, water spray, dry powder, carbon dioxide

Unsuitable extinguishing media for safety reasons:

water jet

Specific hazards:

carbon dioxide, carbon monoxide, harmful vapours, nitrogen oxides, fumes/smoke, carbon black, sulfur oxides

Special protective equipment:

Wear a self-contained breathing apparatus.

Further information:

The degree of risk is governed by the burning substance and the fire conditions. If exposed to fire, keep containers cool by spraying with water. Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems. Contaminated extinguishing water must be disposed of in accordance with official regulations.

6. Accidental Release Measures

Personal precautions:

Avoid breathing dust/fume/gas/mist/vapours/spray. Wear eye/face protection. Use personal protective clothing. Handle in accordance with good building materials hygiene and safety practice.

Environmental precautions:

Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.

Methods for cleaning up or taking up:

For small amounts: Pick up with suitable appliance and dispose of. Dispose of absorbed material in accordance with regulations.

For large amounts: Pick up with suitable appliance and dispose of. Dispose of absorbed material in accordance with regulations.

7. Handling and Storage

Handling

Avoid inhalation of dusts/mists/vapours. Avoid skin contact. Ensure adequate ventilation. No special measures necessary provided product is used correctly.

Protection against fire and explosion:

The product is neither self-ignitable, nor an explosion hazard, nor does it promote fires.

Storage

Further information on storage conditions: Keep only in the original container in a cool, dry, well-ventilated place away from ignition sources, heat or flame. Protect from direct sunlight.

Protect from temperatures below: 5 °C

The packed product must be protected from temperatures below the indicated one.

Protect from temperatures above: 35 °C

8. Exposure controls and personal protection

Components with occupational exposure limits

No occupational exposure limits known.

Personal protective equipment

Respiratory protection:

Wear respiratory protection if ventilation is inadequate. Combination filter for gases/vapours of organic, inorganic, acid inorganic and alkaline compounds (e.g. EN 14387 Type ABEK).

Hand protection:

impermeable gloves

Synthetic rubber gloves

Manufacturer's directions for use should be observed because of great diversity of types.

Eye protection:

Safety glasses with side-shields (frame goggles) (e.g. EN 166)

Body protection:

Body protection must be chosen based on level of activity and exposure.

General safety and hygiene measures:

Do not inhale dust/fumes/aerosols. Avoid contact with the skin, eyes and clothing. Avoid exposure - obtain special instructions before use. Handle in accordance with good building materials hygiene and safety practice. Wearing of closed work clothing is recommended. When using, do not eat, drink or smoke. Hands and/or face should be washed before breaks and at the end of the shift. At the end of the shift the skin should be cleaned and skin-care agents applied. Gloves must be inspected regularly and prior to each use. Replace if necessary (e.g. pinhole leaks). When using do not eat or drink.

9. Physical and Chemical Properties

Form:	liquid	
Colour:	yellowish	
Odour:	odourless	
Odour threshold:	No applicable information available.	
pH value:	not determined	
pour point:	The product has not been tested.	
Boiling point:	300 - 400 °C (1,013 hPa)	
Flash point:	> 210 °C > 93.3 °C	(DIN 51376, open cup) (closed cup)
Evaporation rate:	not determined	
Flammability (solid/gas):	not highly flammable	
Ignition temperature:	Study does not need to be conducted.	
Thermal decomposition:	> 300 °C No decomposition if stored and handled as prescribed/indicated.	
Fire promoting properties:	Based on its structural properties the product is not classified as oxidizing.	
Vapour pressure:	< 0.0001 hPa (20 °C) The product has not been tested.	

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	< 0.0001 hPa (25 °C)	
Density:	approx. 1.04 - 1.07 g/cm ³ (20 °C)	
Relative vapour density (air):	not determined	
Solubility in water:	The product has not been tested. 0.0022 g/l	
Miscibility with water:	(20 °C) not soluble	
Partitioning coefficient n-octanol/water (log Pow):	approx. 5.7 - 11.3	(OECD Guideline 117)
Adsorption/water - soil: log KOC:	4.7 - 9.3	(calculated)
Viscosity, dynamic:	122.9 mPa.s	

Other Information:

If necessary, information on other physical and chemical parameters is indicated in this section.

10. Stability and Reactivity

Conditions to avoid:

See SDS section 7 - Handling and storage.

Thermal decomposition: > 300 °C

No decomposition if stored and handled as prescribed/indicated.

Substances to avoid:

strong acids, strong bases, strong oxidizing agents, strong reducing agents

Corrosion to metals: Corrosive effects to metal are not anticipated.

Hazardous reactions:

The product is stable if stored and handled as prescribed/indicated.

Hazardous decomposition products:

No hazardous decomposition products if stored and handled as prescribed/indicated.

11. Toxicological Information

Acute toxicity

Assessment of acute toxicity:

Virtually nontoxic after a single ingestion. Virtually nontoxic by inhalation. Virtually nontoxic after a single skin contact. Based on available Data, the classification criteria are not met.

Experimental/calculated data:

LD50 rat (oral): > 15,900 mg/kg

LD50 rat (dermal): > 5,000 mg/kg

Irritation

Assessment of irritating effects:

No irritation is expected under intended use and appropriate handling. Based on available Data, the classification criteria are not met.

Experimental/calculated data:

Skin corrosion/irritation human: non-irritant

Serious eye damage/irritation rabbit: non-irritant

Respiratory/Skin sensitization

Assessment of sensitization:

Based on the ingredients, there is no suspicion of a skin-sensitizing potential. Based on available Data, the classification criteria are not met.

Experimental/calculated data:

Guinea pig maximization test guinea pig: Non-sensitizing. (OECD Guideline 406)

Germ cell mutagenicity

Assessment of mutagenicity:

The chemical structure does not suggest a specific alert for such an effect. Based on available Data, the classification criteria are not met.

Experimental/calculated data:

Ames-test
negative

HGPRT assay
negative

Chromosomal Aberration Test
negative

Carcinogenicity

Assessment of carcinogenicity:

The chemical structure does not suggest a specific alert for such an effect. Based on available Data, the classification criteria are not met.

Reproductive toxicity

Assessment of reproduction toxicity:

The chemical structure does not suggest a specific alert for such an effect. Based on available Data, the classification criteria are not met.

Developmental toxicity

Assessment of teratogenicity:

The chemical structure does not suggest a specific alert for such an effect. Based on available Data, the classification criteria are not met.

Specific target organ toxicity (single exposure):**Assessment of STOT single:**

Based on available Data, the classification criteria are not met.

Repeated dose toxicity and Specific target organ toxicity (repeated exposure)**Assessment of repeated dose toxicity:**

No reliable data was available concerning repeated dose toxicity. Based on available Data, the classification criteria are not met.

Experimental/calculated data:

Subchronic Toxicity
rat oral unspecified
NOAEL: 3,000 mg/kg

Aspiration hazard

No aspiration hazard expected.

Other relevant toxicity information

Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses. The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.

12. Ecological Information**Ecotoxicity****Assessment of aquatic toxicity:**

Based on available Data, the classification criteria are not met. There is a high probability that the product is not acutely harmful to aquatic organisms.

Toxicity to fish:

LC0 (96 h) > 100 mg/l, Brachydanio rerio

LC0 (96 h) >= 2 mg/l, Brachydanio rerio (Directive 84/449/EEC, C.1, static)

Nominal concentration. The product has low solubility in the test medium. An eluate has been tested.

Aquatic invertebrates:

EC50 (48 h) > 1,000 mg/l, Daphnia magna

EC0 (48 h) >= 100 mg/l, Daphnia magna (Directive 84/449/EEC, C.2, static)

The product has low solubility in the test medium. An eluate has been tested. Nominal concentration. No toxic effects occur within the range of solubility.

Aquatic plants:

EC50 (72 h) > 10,000 mg/l, *Desmodesmus subspicatus*

EC0 (72 h) \geq 2 mg/l (growth rate), *Desmodesmus subspicatus* (Guideline 92/69/EEC, C.3, static) The product has low solubility in the test medium. An eluate has been tested. Nominal concentration. Limit concentration test only (LIMIT test). No toxic effects occur within the range of solubility.

Microorganisms/Effect on activated sludge:

(3 h) > 10,000 mg/l, activated sludge (OECD Guideline 209, static)

Limit concentration test only (LIMIT test). Nominal concentration. No effects at the highest test concentration.

Mobility**Assessment transport between environmental compartments:**

Adsorption to solid soil phase is expected.

Persistence and degradability**Assessment biodegradation and elimination (H₂O):**

Moderately/partially biodegradable.

Elimination information:

61 % BOD of the ThOD (47 d) (Directive 92/69/EEC, C.4-D) (aerobic, activated sludge, domestic, non-adapted)

Information on Stability in Water (Hydrolysis):

$t_{1/2}$ < 20 % (240 h)

Bioaccumulation potential**Assessment bioaccumulation potential:**

May be accumulated in organisms.

Bioaccumulation potential:

Bioconcentration factor: 56 - 212 (36 d), *Cyprinus carpio*

Bioconcentration factor: 7 - 39 (36 d), *Cyprinus carpio*

Additional information**Other ecotoxicological advice:**

Do not discharge product into the environment without control. The product has not been tested. The statements on ecotoxicology have been derived from the properties of the individual components.

13. Disposal Considerations

Observe national and local legal requirements.

The waste code in accordance with the European waste catalog (EWC) must be specified in cooperation with disposal agency/manufacturer/authorities.

Residues should be disposed of in the same manner as the substance/product.

- Contaminated packaging:
Contaminated packaging should be emptied as far as possible; then it can be passed on for recycling after being thoroughly cleaned.
Packs that cannot be cleaned should be disposed of in the same manner as the contents.

14. Transport Information

Domestic transport:

Not classified as a dangerous good under transport regulations

Sea transport

IMDG

Not classified as a dangerous good under transport regulations

Air transport

IATA/ICAO

Not classified as a dangerous good under transport regulations

15. Regulatory Information

Other regulations

If other regulatory information applies that is not already provided elsewhere in this safety data sheet, then it is described in this subsection.

- Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP): Not Scheduled

Registration status:

AICS, AU

released / listed

16. Other Information

Vertical lines in the left hand margin indicate an amendment from the previous version.

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The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. This safety data sheet is neither a Certificate of Analysis (CoA) nor technical data sheet and shall not be mistaken for a specification agreement. Identified uses in this safety data sheet do neither represent an agreement on the corresponding contractual quality of the substance/mixture nor a contractually designated use. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.