

# SAFETY DATA SHEET



## MasterRoc MP 707/300 Part D

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	18.07.2025	000000017585	Date of first issue: 18.07.2025

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### SECTION 1: IDENTIFICATION

Product name : MasterRoc MP 707/300 Part D

Product code : 000000000059300182

#### Manufacturer or supplier's details

Company : MB Solutions Australia Pty Ltd

Address : Suite 102, 2 Burbank Place  
Norwest NSW 2153

Telephone : +611300227300

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

#### Recommended use of the chemical and restrictions on use

Recommended use : Product for construction chemicals

Restrictions on use : For industrial use only.

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### SECTION 2. HAZARDS IDENTIFICATION

#### GHS Classification

Oxidizing solids : Category 3

Acute toxicity (Oral) : Category 4

Skin corrosion/irritation : Category 2

Serious eye damage/eye irritation : Category 2A

Respiratory sensitization : Category 1

Skin sensitization : Category 1

Specific target organ toxicity - single exposure : Category 3 (Respiratory system)

Short-term (acute) aquatic hazard : Category 3

#### GHS label elements

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Hazard pictograms

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Signal Word

: Danger

Hazard Statements

: H272 May intensify fire; oxidizer.  
H302 Harmful if swallowed.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.  
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
H335 May cause respiratory irritation.  
H402 Harmful to aquatic life.

Precautionary Statements

: **Prevention:**  
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P220 Keep away from clothing and other combustible materials.  
P261 Avoid breathing dust.  
P264 Wash skin thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.  
P271 Use only outdoors or in a well-ventilated area.  
P272 Contaminated work clothing should not be allowed out of the workplace.  
P273 Avoid release to the environment.  
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection/ hearing protection.  
P284 Wear respiratory protection.

**Response:**  
P301 + P312 + P330 IF SWALLOWED: Call a POISON CENTER/ doctor if you feel unwell. Rinse mouth.  
P302 + P352 IF ON SKIN: Wash with plenty of water.  
P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor if you feel unwell.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.  
P337 + P313 If eye irritation persists: Get medical advice/ attention.  
P342 + P311 If experiencing respiratory symptoms: Call a POISON CENTER/ doctor.  
P362 + P364 Take off contaminated clothing and wash it before reuse.

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P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

**Storage:**

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.

**Disposal:**

P501 Dispose of contents/ container to an approved waste disposal plant.

**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.

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Substance / Mixture	:	Substance
Chemical nature	:	Oxidizing agents
Substance name	:	Peroxydisulfuric acid ( $[(HO)S(O)_2]_2O_2$ ), disodium salt
CAS-No.	:	7775-27-1

**Components**

Chemical name	CAS-No.	Concentration (% w/w)
Disodium peroxodisulphate	7775-27-1	$\geq 60$ - $\leq 100$

**SECTION 4. FIRST AID MEASURES**

General advice	:	First aid personnel should pay attention to their own safety. Remove contaminated clothing.
If inhaled	:	After inhalation of dust. Keep patient calm, remove to fresh air. If difficulties occur: Seek medical attention.
In case of 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.
In case of eye contact	:	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
If swallowed	:	Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention.

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Do not induce vomiting unless told to by a poison control center or doctor.

Most important symptoms and effects, both acute and delayed : Harmful if swallowed.  
Causes skin irritation.  
May cause an allergic skin reaction.  
Causes serious eye irritation.  
May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
May cause respiratory irritation.

Notes to physician : Treat symptomatically.

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**SECTION 5. FIRE-FIGHTING MEASURES**

Suitable extinguishing media : Foam  
Water spray  
Dry powder  
Carbon dioxide (CO<sub>2</sub>)

Unsuitable extinguishing media : water jet

Specific hazards during fire fighting : Heating can release hazardous gases.  
Substance/product may act as an oxidizer.  
Has a fire-promoting effect due to release of oxygen.

Do not allow run-off from fire fighting to enter drains or water courses.

Hazardous combustion products : toxic gases/vapours

Specific extinguishing methods : The degree of risk is governed by the burning substance and the fire conditions.  
Containers may rocket or explode in heat of fire.  
Remove product from areas of fire, or otherwise cool containers with water in order to avoid pressure build up due to heat.  
Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems.

Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.  
For safety reasons in case of fire, cans should be stored separately in closed containments.  
Use a water spray to cool fully closed containers.

Special protective equipment for fire-fighters : Wear a self-contained breathing apparatus.

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**SECTION 6. ACCIDENTAL RELEASE MEASURES**

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- Personal precautions, protective equipment and emergency procedures : Use personal protective clothing.  
Avoid contact with the skin, eyes and clothing.  
Avoid dust formation.  
Do not breathe dust.  
Handle in accordance with good building materials hygiene and safety practice.  
Ensure adequate ventilation.
- Environmental precautions : Contain contaminated water/firefighting water.  
Do not discharge into drains/surface waters/groundwater.
- Methods and materials for containment and cleaning up : Avoid raising dust.
- Contact with incompatible substances can cause decomposition at or below SADT.  
Soak up with inert absorbent material.  
To clean the floor and all objects contaminated by this material, use plenty of water.  
Non-sparking tools should be used.

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**SECTION 7. HANDLING AND STORAGE**

- Advice on protection against fire and explosion : Substance/product in the dry state promotes fires.  
The relevant fire protection measures should be noted.
- Keep away from combustible material.
- Advice on safe handling : Avoid dust formation.  
Wear suitable protective clothing and eye/face protection.  
Avoid inhalation of dusts/mists/vapours.  
Breathing must be protected when large quantities are decanted without local exhaust ventilation.
- Avoid exposure - obtain special instructions before use.  
Avoid contact with skin and eyes.  
For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.  
Provide sufficient air exchange and/or exhaust in work rooms.  
Dispose of rinse water in accordance with local and national regulations.  
Persons susceptible to skin sensitization problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.
- Hygiene measures : 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.

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Gloves must be inspected regularly and prior to each use.  
Replace if necessary (e.g. pinhole leaks).

- Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place.  
Containers which are opened must be carefully resealed and kept upright to prevent leakage.  
Observe label precautions.  
Electrical installations / working materials must comply with the technological safety standards.
- Further information on storage conditions : Protect against moisture.  
Protect against contamination.  
The product should not come into contact with exposed iron or non-ferrous metal during storage or processing.
- Materials to avoid : Segregate from reducing agents.  
Segregate from flammable substances.  
Segregate from strong acids.  
Segregate from strong bases.  
Segregate from heavy metals.
- Do not store near acids.
- Further information on storage stability : No decomposition if stored and applied as directed.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

## Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Disodium peroxodisulphate	7775-27-1	Peak limit	0,1 mg/m <sup>3</sup>	AU OEL
Further information: Sensitiser				
		TWA	0,1 mg/m <sup>3</sup> (Persulphate)	ACGIH

## Personal protective equipment

- Respiratory protection : Wear respiratory protection if ventilation is inadequate.
- Filter type : Combination filter for gases/vapours of organic, inorganic, acid inorganic and alkaline compounds (e.g. EN 14387 Type ABEK).
- Hand protection
- Remarks : butyl rubber (butyl) - 0.7 mm coating thickness Manufacturer's directions for use should be observed because of great diversity of types.

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Eye protection	:	Tightly fitting safety goggles (splash goggles) (e.g. EN 166)
Skin and body protection	:	light protective clothing, thick material Body protection must be chosen based on level of activity and exposure.
Protective measures	:	Avoid contact with the skin, eyes and clothing. Avoid inhalation of dusts. Handle in accordance with good building materials hygiene and safety practice.

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**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	:	Crystalline powder
Color	:	white
Odor	:	odorless
Odor Threshold	:	not determined
pH	:	4,5 (20 °C) Concentration: 10 g/l
Melting temperature	:	> 180 °C Decomposition: The substance / product decomposes.
Boiling point/boiling range	:	No data available
Flash point	:	does not flash
Evaporation rate	:	The product is a non-volatile solid.
Flammability (solid, gas)	:	not flammable
Self-ignition	:	not self-igniting
Upper explosion limit / Upper flammability limit	:	No data available
Lower explosion limit / Lower flammability limit	:	No data available
Vapor pressure	:	No data available
Relative vapor density	:	The product is a non-volatile solid.
Relative density	:	1,68

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Density	:	approx. 1,68 g/cm <sup>3</sup> (20 °C)
Bulk density	:	1.200 kg/m <sup>3</sup>
Solubility(ies)		
Water solubility	:	730 g/l soluble (25 °C)
Solubility in other solvents	:	No data available
Partition coefficient: n-octanol/water	:	not applicable for mixtures
Autoignition temperature	:	No data available
Self-Accelerating decomposition temperature (SADT)	:	approx. 180 °C Method: Heat accumulation / Dewar 500 ml (SADT, UN-Test H.4, 28.4.4)
Viscosity		
Viscosity, dynamic	:	Not applicable
Viscosity, kinematic	:	No data available
Explosive properties	:	Not explosive
Oxidizing properties	:	The substance or mixture is classified as oxidizing with the category 3.
Self-heating substances	:	No data available
Minimum ignition energy	:	> 999 mJ

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**SECTION 10. STABILITY AND REACTIVITY**

Reactivity	:	No decomposition if stored and applied as directed.
Chemical stability	:	No decomposition if stored and applied as directed.
Possibility of hazardous reactions	:	Reacts with reducing agents, heavy metals. No decomposition if stored and applied as directed.
Conditions to avoid	:	See SDS section 7 - Handling and storage.  See SDS section 7 - Handling and storage.
Incompatible materials	:	Reducing agents Strong acids Strong bases Heavy metal salts

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Hazardous decomposition : sulfur oxides  
products

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**SECTION 11. TOXICOLOGICAL INFORMATION****Acute toxicity**

Harmful if swallowed.

**Skin corrosion/irritation**

Causes skin irritation.

**Serious eye damage/eye irritation**

Causes serious eye irritation.

**Respiratory or skin sensitization****Skin sensitization**

May cause an allergic skin reaction.

**Respiratory sensitization**

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

**Chronic toxicity****Germ cell mutagenicity**

Not classified due to lack of data.

**Carcinogenicity**

Not classified due to lack of data.

**Reproductive toxicity**

Not classified due to lack of data.

**STOT-single exposure**

May cause respiratory irritation.

**STOT-repeated exposure**

Not classified due to lack of data.

**Aspiration toxicity**

Not classified due to lack of data.

**Further information****Product:**

Remarks : Health injuries are not known or expected under normal use.  
The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.

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**SECTION 12. ECOLOGICAL INFORMATION****Ecotoxicity****Product:****Ecotoxicology Assessment**

Acute aquatic toxicity : Harmful to aquatic life.

**Persistence and degradability****Product:**

Biodegradability : Remarks: Taking into consideration the properties of several ingredients, the product is estimated not to be readily biodegradable according to OECD classification.

Stability in water : Remarks: Hydrolyzes on contact with water.

**Bioaccumulative potential****Product:**

Bioaccumulation : Remarks: No data available.  
Discharge into the environment must be avoided.

**Mobility in soil**

No data available

**Other adverse effects****Product:**

Results of PBT and vPvB assessment : Remarks: The product does not contain a substance fulfilling the PBT (persistent/bioaccumulative/toxic) criteria or the vPvB (very persistent/very bioaccumulative) criteria.

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.  
Harmful to aquatic life.

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**SECTION 13. DISPOSAL CONSIDERATIONS****Disposal methods**

Waste from residues : 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 possi-

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ble; then it can be passed on for recycling after being thoroughly cleaned.

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**SECTION 14. TRANSPORT INFORMATION****International Regulations****IATA-DGR**

UN/ID No.	: UN 1505
Proper shipping name	: Sodium persulphate
Class	: 5.1
Packing group	: III
Labels	: Oxidizer
Packing instruction (cargo aircraft)	: 563
Packing instruction (passenger aircraft)	: 559

**IMDG-Code**

UN number	: UN 1505
Proper shipping name	: SODIUM PERSULPHATE
Class	: 5.1
Packing group	: III
Labels	: 5.1
EmS Code	: F-A, S-Q
Marine pollutant	: no

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

Not applicable for product as supplied.

**Domestic regulation****ASIA\_ROAD**

UN number	: UN 1505
Proper shipping name	: SODIUM PERSULPHATE
Class	: 5.1
Packing group	: III
Labels	: 5.1
Hazchem Code	: 1Z

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**SECTION 15. REGULATORY INFORMATION****Safety, health and environmental regulations/legislation specific for the substance or mixture**

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

Standard for the Uniform Scheduling of Medicines and Poisons	: Schedule 6 (Please use the original publication to check for specific uses, specific conditions or threshold limits that might apply for this chemical)
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**The ingredients of this product are reported in the following inventories:**

AIIC : On the inventory, or in compliance with the inventory

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**SECTION 16: ANY OTHER RELEVANT INFORMATION**

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**Full text of other abbreviations**

ACGIH	: USA. ACGIH Threshold Limit Values (TLV)
AU OEL	: Australia. Workplace Exposure Standards for Airborne Contaminants.

ACGIH / TWA	: 8-hour, time-weighted average
AU OEL / Peak limit	: Exposure standard - peak

AIIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

AU / EN