

# SAFETY DATA SHEET

## MRoc MP 300 Accelerator 2,5L

Version 2.0      Revision Date: 08/16/2023      SDS Number: 000000934950      Date of last issue: 07/28/2023  
Date of first issue: 01/09/2023

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### SECTION 1. IDENTIFICATION

Product name : MRoc MP 300 Accelerator 2,5L  
Product code : 000000000050712643 000000000050712643  
Other means of identification : MasterRoc MP 300 Accelerator

#### Manufacturer or supplier's details

Company name of supplier : Master Builders-Admixtures US,LLC  
Address : 23700 Chagrin Blvd  
Beachwood OH 44122  
Emergency telephone : ChemTel: +1-813-248-0585  
National Emergency Telephone Number : USA: +1-800-255-3924 ChemTel contract no. MIS9240420

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

Recommended use : Product for construction chemicals  
Restrictions on use : Reserved for industrial and professional use.


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### SECTION 2. HAZARDS IDENTIFICATION

#### GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Serious eye damage : Category 1  
Reproductive toxicity : Category 2  
Specific target organ toxicity - repeated exposure : Category 2 (Kidney, Liver, Blood, Central nervous system)  
Hazardous to the aquatic environment - acute hazard : Category 3

#### GHS label elements

Hazard pictograms : 

Signal Word : Danger

Hazard Statements : H318 Causes serious eye damage.  
H361 Suspected of damaging fertility or the unborn child.  
H373 May cause damage to organs (Kidney, Liver, Blood, Cen-

## MRoc MP 300 Accelerator 2,5L

Version	Revision Date:	SDS Number:	Date of last issue: 07/28/2023
2.0	08/16/2023	000000934950	Date of first issue: 01/09/2023

tral nervous system) through prolonged or repeated exposure.  
 H402 Harmful to aquatic life.

## Precautionary Statements

:

**Prevention:**

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

P260 Do not breathe dust/ fume/ gas/ mist/ vapors/ spray.

P273 Avoid release to the environment.

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

**Response:**

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER or doctor/ physician.

P308 + P313 IF exposed or concerned: Get medical advice/ attention.

**Storage:**

P405 Store locked up.

**Disposal:**

P501 Dispose of contents/container to appropriate hazardous waste collection point.

**Other hazards**

None known.

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

Substance / Mixture :

Mixture

Chemical nature : accelerator

**Components**

Chemical name	CAS-No.	Concentration (% w/w)
2,2',2"-nitrilotriethanol	102-71-6	>= 15 - < 50
Diethylene glycol	111-46-6	>= 15 - < 20
2,2'-iminodiethanol	111-42-2	>= 3 - < 5

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**SECTION 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.

In case of skin contact : After contact with skin, wash immediately with plenty of water

**MRoc MP 300 Accelerator 2,5L**

Version	Revision Date:	SDS Number:	Date of last issue: 07/28/2023
2.0	08/16/2023	000000934950	Date of first issue: 01/09/2023

---

- and soap.  
Under no circumstances should organic solvent be used.  
If irritation develops, seek medical attention.
- In case of eye contact : Contact lenses should be removed. Hold eyelids open and flush with copious amounts of clean, fresh water or a special eyewash solution and seek medical advice.
- If swallowed : 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.
- Most important symptoms and effects, both acute and delayed : Causes serious eye damage.  
Suspected of damaging fertility or the unborn child.  
May cause damage to organs through prolonged or repeated exposure.  
Causes serious eye irritation.  
May cause damage to organs through prolonged or repeated exposure.  
Causes serious eye damage.  
Suspected of damaging fertility or the unborn child.  
May cause damage to organs through prolonged or repeated exposure.
- 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
- Hazardous combustion products : fumes/smoke  
harmful vapours  
Carbon oxides  
nitrogen oxides  
carbon black
- 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.
- Special protective equipment for fire-fighters : Wear a self-contained breathing apparatus.

# SAFETY DATA SHEET



## MRoc MP 300 Accelerator 2,5L

Version 2.0      Revision Date: 08/16/2023      SDS Number: 000000934950      Date of last issue: 07/28/2023  
Date of first issue: 01/09/2023

### SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Avoid breathing dust/ fume/ gas/ mist/ vapors/ 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 and materials for containment and cleaning up : Pick up with suitable appliance and dispose of.  
Dispose of absorbed material in accordance with regulations.

### SECTION 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : The product is neither self-ignitable, nor an explosion hazard, nor does it promote fires.
- Advice on safe handling : Avoid inhalation of dusts/mists/vapours.  
Avoid skin contact.  
Ensure adequate ventilation.  
No special measures necessary provided product is used correctly.
- 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.
- Materials to avoid : Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
2,2',2"-nitrilotriethanol	102-71-6	TWA	5 mg/m <sup>3</sup>	ACGIH
2,2'-iminodiethanol	111-42-2	TWA (Inhalable fraction and vapor)	1 mg/m <sup>3</sup>	ACGIH
		TWA	3 ppm 15 mg/m <sup>3</sup>	NIOSH REL
		TWA	3 ppm 15 mg/m <sup>3</sup>	OSHA P0

**Engineering measures** : Ensure adequate ventilation.

#### Personal protective equipment

Respiratory protection : Wear appropriate certified respirator when exposure limits may be exceeded.

# SAFETY DATA SHEET

## MRoc MP 300 Accelerator 2,5L

Version 2.0      Revision Date: 08/16/2023      SDS Number: 000000934950      Date of last issue: 07/28/2023  
Date of first issue: 01/09/2023

---

	Use NIOSH approved respiratory protection.
Hand protection	
Remarks	: Chemical resistant protective gloves. Manufacturer's directions for use should be observed because of great diversity of types.
Eye protection	: Wear safety glasses with side shields or goggles.
Skin and body protection	: Body protection must be chosen based on level of activity and exposure.
Protective measures	: Do not inhale dust/fumes/aerosols. Avoid contact with the skin, eyes and clothing. Avoid exposure. Handle in accordance with good building materials hygiene and safety practice. Wearing of closed work clothing is recommended.
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. Gloves must be inspected regularly and prior to each use. Replace if necessary (e.g. pinhole leaks).

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### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: liquid
Color	: colourless to slightly yellow
Odor	: ammonia-like
Odor Threshold	: not determined
pH	: 10 - 11
Melting point	: < 32 °F / < 0 °C
Boiling point	: > 212 °F / > 100 °C
Flash point	: No applicable information available.
Evaporation rate	: No applicable information available.
Flammability (solid, gas)	: The product is not flammable.

# SAFETY DATA SHEET



## MRoc MP 300 Accelerator 2,5L

Version 2.0      Revision Date: 08/16/2023      SDS Number: 000000934950      Date of last issue: 07/28/2023  
Date of first issue: 01/09/2023

---

Upper explosion limit / Upper flammability limit : No applicable information available.

Lower explosion limit / Lower flammability limit : No applicable information available.

Vapor pressure : No data available.

Relative vapor density : No applicable information available.

Relative density : No applicable information available.

Density : 1.0 - 1.2 g/cm<sup>3</sup> (68.00 °F / 20.00 °C)

Solubility(ies)  
Water solubility : completely miscible

Solubility in other solvents : No applicable information available.

Partition coefficient: n-octanol/water : not applicable for mixtures

Autoignition temperature : Not relevant

Decomposition temperature : No decomposition if stored and handled as prescribed/indicated.

Viscosity  
Viscosity, dynamic : No applicable information available.

Viscosity, kinematic : No applicable information available.

Explosive properties : Based on the chemical structure there is no indication of explosive properties.

Oxidizing properties : Based on its structural properties the product is not classified as oxidizing.

Sublimation point : No applicable information available.

Molecular weight : No applicable information available.

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### SECTION 10. STABILITY AND REACTIVITY

Reactivity : No hazardous reactions if stored and handled as prescribed/indicated.

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

Possibility of hazardous reactions : The product is stable if stored and handled as prescribed/indicated.

# SAFETY DATA SHEET



## MRoc MP 300 Accelerator 2,5L

Version	Revision Date:	SDS Number:	Date of last issue: 07/28/2023
2.0	08/16/2023	000000934950	Date of first issue: 01/09/2023

---

Conditions to avoid	:	See SDS section 7 - Handling and storage.
Incompatible materials	:	Strong acids Strong bases Strong oxidizing agents Strong reducing agents
Hazardous decomposition products	:	No hazardous decomposition products if stored and handled as prescribed/indicated.

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### SECTION 11. TOXICOLOGICAL INFORMATION

#### Acute toxicity

Not classified based on available information.

#### Skin corrosion/irritation

Not classified based on available information.

#### Serious eye damage/eye irritation

Causes serious eye damage.

#### Respiratory or skin sensitization

##### Skin sensitization

Not classified based on available information.

##### Respiratory sensitization

Not classified based on available information.

#### Germ cell mutagenicity

Not classified based on available information.

#### Carcinogenicity

Not classified based on available information.

#### Reproductive toxicity

Suspected of damaging fertility. Suspected of damaging the unborn child.

#### STOT-single exposure

Not classified based on available information.

#### STOT-repeated exposure

May cause damage to organs (Kidney, Liver, Blood, Central nervous system) through prolonged or repeated exposure.

#### 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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**MRoc MP 300 Accelerator 2,5L**

Version            Revision Date:            SDS Number:            Date of last issue: 07/28/2023  
2.0                08/16/2023                000000934950            Date of first issue: 01/09/2023

---

**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.

**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:**

Additional ecological information            : 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.

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**SECTION 13. DISPOSAL CONSIDERATIONS**

**Disposal methods**

Waste from residues            : Dispose of in accordance with national, state and local regulations.  
Do not discharge into drains/surface waters/groundwater.  
Do not contaminate ponds, waterways or ditches with chemical or used container.

Contaminated packaging        : Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the substance/product.

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**SECTION 14. TRANSPORT INFORMATION**

**International Regulations**



# SAFETY DATA SHEET



## MRoc MP 300 Accelerator 2,5L

Version 2.0      Revision Date: 08/16/2023      SDS Number: 000000934950      Date of last issue: 07/28/2023  
Date of first issue: 01/09/2023

### UNRTDG

Not regulated as a dangerous good

### IATA-DGR

Not regulated as a dangerous good

### IMDG-Code

Not regulated as a dangerous good

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

Not applicable for product as supplied.

### Domestic regulation

### 49 CFR

Not regulated as a dangerous good

## SECTION 15. REGULATORY INFORMATION

### CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
2,2'-iminodiethanol	111-42-2	100	2000

**SARA 313** : The following components are subject to reporting levels established by SARA Title III, Section 313:

2,2'-iminodiethanol      111-42-2

### US State Regulations

#### Pennsylvania Right To Know

2,2',2"-nitrilotriethanol      102-71-6  
2,2'-iminodiethanol      111-42-2  
Diethylene glycol      111-46-6

#### New Jersey Right To Know

2,2',2"-nitrilotriethanol      102-71-6  
2,2'-iminodiethanol      111-42-2

#### California Prop. 65

WARNING: This product can expose you to chemicals including 2,2'-iminodiethanol, which is/are known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

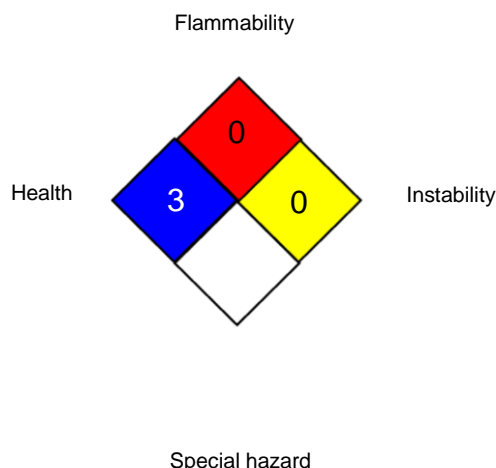
### The ingredients of this product are reported in the following inventories:

TSCA : All chemical substances in this product are either listed as active on the TSCA Inventory or are in compliance with a TSCA Inventory exemption.

DSL : All components of this product are on the Canadian DSL

**MRoc MP 300 Accelerator 2,5L**

Version 2.0      Revision Date: 08/16/2023      SDS Number: 000000934950      Date of last issue: 07/28/2023  
 Date of first issue: 01/09/2023

**SECTION 16. OTHER INFORMATION**
**Further information**
**NFPA 704:**

**HMIS® IV:**

<b>HEALTH</b>		
<b>FLAMMABILITY</b>		
<b>PHYSICAL HAZARD</b>		

HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "\*" represents a chronic hazard, while the "/" represents the absence of a chronic hazard.

**Full text of other abbreviations**

ACGIH	:	USA. ACGIH Threshold Limit Values (TLV)
NIOSH REL	:	USA. NIOSH Recommended Exposure Limits
OSHA P0	:	USA. Table Z-1-A Limits for Air Contaminants (1989 vacated values)
ACGIH / TWA	:	8-hour, time-weighted average
NIOSH REL / TWA	:	Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek
OSHA P0 / TWA	:	8-hour time weighted average

AIIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; 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; HMIS - Hazardous Materials Identification System; 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; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level;

# SAFETY DATA SHEET



## MRoc MP 300 Accelerator 2,5L

Version	Revision Date:	SDS Number:	Date of last issue: 07/28/2023
2.0	08/16/2023	000000934950	Date of first issue: 01/09/2023

---

NOELR - No Observable Effect Loading Rate; 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; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; 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

Revision Date : 08/16/2023

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.

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