

# Workplace Instruction Card

## Mastervolt BV

Mastervolt\_GEL\_and\_AGM\_batteries

Date validated: 10/07/2019

For instructions on further treatment, call the NVIC (+31 (0) 30-274 88 88) or the Belgian Anti Poison Center (+32 (0) 70-245.245) if necessary.

## Mastervolt\_GEL\_and\_AGM\_batteries

<b>Product code</b>	MV GEL and AGM	<b>Physical form</b>	Solid
<b>Product variant</b>	Batteries	<b>Supplier</b>	<b>Adverse aquatic environment effects</b>
Mastervolt BV Snijderbergweg 93 1105 AN Amsterdam Nederland		Information not provided by supplier	

## Occupational health and environment

General details of which you need to be up-to-date concerning the use of this product.

<b>General risk</b>	<b>Environmental effects</b>
The substance is corrosive.	Avoid dispersing into the environment. May not be dumped in combination with household waste.
<b>Long-term risk</b>	<b>Aquatic details</b>
This product contains one or more CMR-compounds. Sulphuric acid mists can cause cancer when inhaled. Can be harmful via breast-feeding. Can harm the unborn child. Can damage fertility.	Avoid outflow/discharge into the sewer, surface water or groundwater.
<b>Other limits</b>	<b>Environmental limits</b>
Information not provided by supplier	Information not provided by supplier
<b>Intervention values</b>	
Information not provided by supplier	


## Classification

The classification of this product according to the law.

**H314:** Skin corrosion, Category 1  
**H360FD:** Reproductive toxicity, Category 1A  
**H360FD:** Reproductive toxicity, Category 1A  
**H362:** Reproductive toxicity, Lactation  
**H362:** Reproductive toxicity, Lactation  
**H350is:** Carcinogenicity, Category 1A

## Transport

How do you transport this product?

<b>UN number</b>	<b>ADR class</b>
2800	
<b>Packaging group</b>	
Information not provided by supplier	
<b>Classification code</b>	
C11	8

## Composition

What components does this product consist of?

CAS	Name	Concentration (%)
7439-92-1	lead	50 - 70
7664-93-9	sulphuric acid ... %	5 - 15

## Physical/Chemical

Physical and chemical information about this product

<b>Dustiness</b>	Objects	<b>Vapour tension (kPa)</b>	Information not provided by supplier
<b>Boiling point (C°)</b>	Information not provided by supplier	<b>Relative vapour density</b>	Information not provided by supplier
<b>Melting point (C°)</b>	Information not provided by supplier	<b>Explosion limit (vol.% in air)</b>	Information not provided by supplier Information not provided by supplier
<b>Flashpoint (C°)</b>	Information not provided by supplier	<b>Solubility in water (g/100ml)</b>	Information not provided by supplier
<b>Self-ignition (C°)</b>	Information not provided by supplier	<b>pH value</b>	Information not provided by supplier
<b>Relative density</b>	Information not provided by supplier		



## Fire

Information concerning risk, prevention and first aid/ERO

Risk	Prevention	First Aid/ERO
Exposure to fire/heat may cause the holder to crack or to explode. Decomposition products or combustion products may harm your health.	No open flames and no smoking.	Suitable fire equipment includes: fire-extinguishing powder, carbon dioxide. DO NOT use water.

## Inhalation

Information concerning risk, prevention and first aid/ERO

Risk	Prevention	First Aid/ERO
May be harmful by inhalation if exposure to vapour, mist, or fumes is due to (thermal) decomposition. The decomposition products are irritants. May cause respiratory irritation.	Avoid inhalation of: vapours/mist. Good ventilation of the space at the very least. If the ventilation/extraction is insufficient, wear suitable respiratory protection.	Take the victim into the fresh air as soon as possible and let them rest. Consult a physician if necessary.

## Skin

Information concerning risk, prevention and first aid/ERO

Risk	Prevention	First Aid/ERO
The substance is corrosive. Causes severe skin burns and eye damage. Symptoms: irritation.	Avoid contact with the skin. chemical-resistant gloves, Use: nitrile rubber gloves, polyvinyl chloride gloves (PVC). If gloves show initial signs of wear, they must be replaced immediately. Wear acid-proof protective clothing. Wear chemical-resistant boots.	Remove contaminated clothing (and shoes) as quickly as possible. Rinse skin with plenty of water. Consult a physician immediately.

## Eyes

Information concerning risk, prevention and first aid/ERO

Risk	Prevention	First Aid/ERO
The substance is corrosive. Causes serious eye damage. Symptoms: severe burns, irritation.	Avoid contact with the eyes. Safety goggles (with side shields) or face protection.	Rinse with plenty of water, keep eyelids well open for a long time (approx. 15 minutes). Remove contact lenses if possible. Continue rinsing or applying eye drops if possible. Consult a physician immediately.

## Swallowing

Information concerning risk, prevention and first aid/ERO

Risk	Prevention	First Aid/ERO
The substance is corrosive. May cause burning and/or perforation of gastrointestinal tract. Severe corrosive effects in the mouth and the throat when swallowed. For the mouth, throat and oesophagus. For the digestive system.	Do not drink, eat or smoke during use.	If conscious, get victim to rinse mouth out with water (spit out!). DO NOT stimulate vomiting. If victim is vomiting, keep the head down to prevent vomit from entering the lungs. Consult a physician immediately.

## Pictograms

Hazard pictograms relating to this product



## NFPA 704 Hazard Diamond

Flammability/explosivity, health, instability/reactivity and special notice

No NFPA hazard diamond has been created for this product.

## Danger and precautions

Hazard phrases for this product

**H314:** Causes severe skin burns and eye damage  
**H360FD:** May damage fertility. May damage the unborn child  
**H362:** May cause harm to breast-fed children  
**H350is:** Sulfuric acid mists may cause cancer by inhalation

## Storage

*Safe storage of this product*

Avoid contact with: metals. Storage temperature: >-50°C. sources of ignition, sparks and naked flames. Product storage: Keep packaging properly closed, if not used. dry, in a well-ventilated space, cool. Protect product against: direct sunlight, heat. Keep product away from: Storage: only in original packaging.

## PPE

*Personal protective equipment required when using this product*

Avoid exposure. Pregnant women must avoid exposure. Women who are breast-feeding must avoid exposure. Observe the instructions on the label and the instructions for use. Ensure the correct personal protection equipment is used, adapted to the working conditions. To avoid risks to human health and the environment, comply with the instructions for use. Inform the staff about the dangers of the product. Wash hands properly before every break or toilet visit and at the end of the working period. Parts of the skin that have been in contact with the substance must be cleaned thoroughly with soap and water.

## Environmental measures

*Environmental measures for this product*


clear working area; warn an expert, keep unprotected persons at a distance, make sure you have personal protection equipment, In the event of release of the product: ventilate the space. avoid outflow/discharge into the environment (sewer, surface water, soil...), dam the product in place and absorb product with (fire-resistant) absorbing materials or collect it in a suitable containers for disposal,

## Other

*Other information that does not belong in any of the other blocks*

First aid treatment in an accident must be performed according to the general first aid rules! In the event of an accident or if a person is not feeling well, consult a physician immediately (show the label if possible). When visiting doctor of hospital always take the safety information sheet with you. Emergency services officer: think of your own safety – use protection equipment. Hazardous combustion/decomposition products: carbon dioxide (CO<sub>2</sub>), carbon monoxide (CO), hydrogen (H<sub>2</sub>), explosive vapour/air mixtures. Stable under normal circumstances.

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 Batteries

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