

## Safety Data Sheet

### AQUATREAT® 136

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

##### 1.1. PRODUCT IDENTIFIER

Chemical type : Mixture  
Name : AQUATREAT® 136

##### 1.2. RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

###### 1.2.1. Relevant identified uses

Use of the substance/mixture : Corrosion-inhibitor for recirculating closed cooling water systems

###### 1.2.2. Uses advised against

No additional information available

##### 1.3. DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

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Industrial Zone B 122 - Nieuwlandlaan 40/42  
3200 AARSCHOT - Belgium  
T +32 (0)16 562121  
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##### 1.4. EMERGENCY TELEPHONE NUMBER

No additional information available

#### SECTION 2: HAZARDS IDENTIFICATION

##### 2.1. CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

###### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin Irrit. 2 H315  
Eye Irrit. 2 H319

Full text of hazard classes and H-statements : see section 16

###### Adverse physicochemical, human health and environmental effects

No additional information available

##### 2.2. LABEL ELEMENTS

###### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS07

CLP Signal word

: Warning

Hazard statements (CLP)

: H315 - Causes skin irritation  
H319 - Causes serious eye irritation

Precautionary statements (CLP)

: P264 - Wash hands thoroughly after handling  
P280 - Wear protective gloves/protective clothing/eye protection/face protection  
P302+P352 - IF ON SKIN: Wash with plenty of soap and water  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes.  
Remove contact lenses, if present and easy to do. Continue rinsing  
P321 - Specific treatment (see first aid measurements on safety data sheet)

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P332+P313 - If skin irritation occurs: Get medical advice/attention

P337+P313 - If eye irritation persists: Get medical advice/attention

P362+P364 - Take off contaminated clothing and wash it before reuse

#### 2.3. OTHER HAZARDS

This substance/mixture does not meet the PBT/vPvB criteria of REACH regulation, annex XIII

Other hazards not contributing to the classification : Frost.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1. SUBSTANCE

Not applicable

#### 3.2. MIXTURE

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
sodium hydroxide, caustic soda	(CAS No) 1310-73-2 (EC no) 215-185-5 (EC index no) 011-002-00-6 (REACH-no) 01-2119457892-27-0000	0,5 - 1	Skin Corr. 1A, H314

Full text of H-statements: see section 16

### SECTION 4: FIRST AID MEASURES

#### 4.1. DESCRIPTION OF FIRST AID MEASURES

First-aid measures after inhalation : Move the person to fresh air.

First-aid measures after skin contact : Wash immediately with lots of water.

First-aid measures after eye contact : Wash immediately with lots of water (15 minutes).

First-aid measures after ingestion : Immediately after ingestion: give lots of water to drink. Seek medical advice immediately.

#### 4.2. MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

No additional information available

#### 4.3. INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

No additional information available

### SECTION 5: FIREFIGHTING MEASURES

#### 5.1. EXTINGUISHING MEDIA

Suitable extinguishing media : Not applicable (aqueous non combustible product).

Unsuitable extinguishing media : high volume water jet.

#### 5.2. SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

Reactivity : Reacts violently with many compounds e.g.: with (strong) oxidizers. Heating up due to reaction with acids is possible.

#### 5.3. ADVICE FOR FIREFIGHTERS

Protection during firefighting : Complete protective clothing. Self-contained breathing apparatus.

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#### SECTION 6: ACCIDENTAL RELEASE MEASURES

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##### 6.1. PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

General measures : Protective clothing.

##### 6.1.1. For non-emergency personnel

No additional information available

##### 6.1.2. For emergency responders

No additional information available

##### 6.2. ENVIRONMENTAL PRECAUTIONS

Plug the leak, cut off the supply. Prevent soil and water pollution.

##### 6.3. METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

Methods for cleaning up : Clean contaminated surfaces with an excess of water.

##### 6.4. REFERENCE TO OTHER SECTIONS

No additional information available

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#### SECTION 7: HANDLING AND STORAGE

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##### 7.1. PRECAUTIONS FOR SAFE HANDLING

Precautions for safe handling : Keep packing tightly closed.

##### 7.2. CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Storage conditions : Keep container in a well ventilated place.

##### 7.3. SPECIFIC END USE(S)

No additional information available

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#### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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##### 8.1. CONTROL PARAMETERS

No additional information available

##### 8.2. EXPOSURE CONTROLS

Hand protection : Gloves.

Eye protection : Protective goggles.

Skin and body protection : Wear suitable gloves, resistant to chemicals.

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#### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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##### 9.1. INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Physical state : Liquid

Colour : dark orange.

Odour : Odourless.

Odour threshold : No data available

pH : 11 +/- 2

Melting point : No data available

Freezing point : No data available

Boiling point : 100 °C

Flash point : No data available

Relative evaporation rate (butylacetate=1) : No data available

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Flammability (solid, gas)	: No data available
Explosive limits	: No data available
Vapour pressure	: 23 hPa
Relative vapour density at 20 °C	: 1,06+/- 0,02
Relative density	: No data available
Solubility	: Water solubility: 100%. Water: Completely soluble
Log Pow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available

#### 9.2. OTHER INFORMATION

No additional information available

### SECTION 10: STABILITY AND REACTIVITY

#### 10.1. REACTIVITY

Reacts violently with many compounds e.g.: with (strong) oxidizers. Heating up due to reaction with acids is possible.

#### 10.2. CHEMICAL STABILITY

Stable at normal conditions.

#### 10.3. POSSIBILITY OF HAZARDOUS REACTIONS

No additional information available

#### 10.4. CONDITIONS TO AVOID

Freezing.

#### 10.5. INCOMPATIBLE MATERIALS

No additional information available

#### 10.6. HAZARDOUS DECOMPOSITION PRODUCTS

Decomposes on exposure to temperature rise: release of toxic and corrosive gases/vapours.

### SECTION 11: TOXICOLOGICAL INFORMATION

#### 11.1. INFORMATION ON TOXICOLOGICAL EFFECTS

Acute toxicity : Not classified

<b>AQUATREAT® 136</b>	
ATE CLP (dermal)	135000,000 mg/kg

Skin corrosion/irritation	: Causes skin irritation. pH: 11 +/- 2
Serious eye damage/irritation	: Causes serious eye irritation. pH: 11 +/- 2
Respiratory or skin sensitisation	:
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified

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Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified

#### SECTION 12: ECOLOGICAL INFORMATION

##### 12.1. TOXICITY

Ecology - water : Mild water pollutant (surface water)

##### sodium hydroxide, caustic soda (1310-73-2)

LC50 fish 1	35 - 189 mg/l
EC50 Daphnia 1	40 mg/l

##### 12.2. PERSISTENCE AND DEGRADABILITY

No additional information available

##### 12.3. BIOACCUMULATIVE POTENTIAL

No additional information available

##### 12.4. MOBILITY IN SOIL

No additional information available

##### 12.5. RESULTS OF PBT AND VPVB ASSESSMENT

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This substance/mixture does not meet the PBT/vPvB criteria of REACH regulation, annex XIII

##### 12.6. OTHER ADVERSE EFFECTS

No additional information available

#### SECTION 13: DISPOSAL CONSIDERATIONS

##### 13.1. WASTE TREATMENT METHODS

Ecology - waste materials : Do not discharge into drains or the environment. Refer to manufacturer/supplier for information on recovery/ recycling.

#### SECTION 14: TRANSPORT INFORMATION

Not regulated for transport

#### SECTION 15: REGULATORY INFORMATION

##### 15.1. SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

###### 15.1.1. EU-Regulations

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

###### 15.1.2. National regulations

No additional information available

##### 15.2. CHEMICAL SAFETY ASSESSMENT

No additional information available

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#### SECTION 16: OTHER INFORMATION

Other information : The contents and format of this material safety data sheet are in accordance with REACH 1907/2006 and CLP-EU 1272/2008. All the given information is correct to our current knowledge. None of the indications, compositions or applications have the intention of violating existing patents. Nothing may be duplicated and/or multiplied without our written consent.

Full text of R-, H- and EUH-statements:

Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Skin Corr. 1A	Skin corrosion/irritation, Category 1A
Skin Irrit. 2	Skin corrosion/irritation, Category 2
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H319	Causes serious eye irritation

REACH SDS Aquatreat

*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*