

# Acidsan Dual Active

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Date of issue: 22/03/2019 Revision date: 22/03/2019 Version: 1.0

SDS No: 11194-0150

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product form : Mixture  
Product name : Acidsan Dual Active

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

##### 1.2.1. Relevant identified uses

Industrial/Professional use spec : For professional use only  
Use of the substance/mixture : Detergent

##### 1.2.2. Uses advised against

No additional information available

#### 1.3. Details of the supplier of the safety data sheet

##### Manufacturer

GEA Farm Technologies (UK) Ltd.  
Wylle Works, Watery Lane, Bishopstrow,  
Warminster, Wiltshire BA12 9Ht - United Kingdom  
T + 44 (0)1985 216444  
E-mail address of competent person responsible for the SDS: sds@gbk-ingelheim.de

#### 1.4. Emergency telephone number

Emergency number : 24 Hour Emergency Telephone No. for advice on chemical emergencies, spillages, fires or  
First Aid: +44 (0) 870 1906777 (GEA Farm Technologies)  
NATIONAL: In England and Wales: 111, In Scotland: 111  
INTERNATIONAL: +49 - (0) 6132 - 84463, GBK GmbH (24h - 7d/w - 365d/a)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

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

Corrosive to metals, Category 1 H290  
Skin corrosion/irritation, Category 1B H314  
Serious eye damage/eye irritation, Category 1 H318  
Full text of H statements : see section 16

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

May be corrosive to metals. Causes severe skin burns and eye damage.

#### 2.2. Label elements

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

Hazard pictograms (CLP) :



GHS05

Signal word (CLP) : Danger  
Hazardous ingredients : Phosphoric acid; Nitric acid  
Hazard statements (CLP) : H290 - May be corrosive to metals.  
H314 - Causes severe skin burns and eye damage.  
Precautionary statements (CLP) : P280 - Wear protective gloves, protective clothing, eye protection, face protection.  
P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing.  
Rinse skin with water .  
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P406 - Store in a corrosion-resistant container with a resistant inner liner.  
P308+P313 - IF exposed or concerned: Get medical advice/attention.

#### 2.3. Other hazards

No additional information available

### SECTION 3: Composition/information on ingredients

# Acidsan Dual Active

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830  
SDS No: 11194-0150

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Comments : Aqueous solution

| Name            | Product identifier  | %       | Classification according to Regulation (EC) No. 1272/2008 [CLP]   |
|-----------------|---|---------|---|
| Phosphoric acid | (CAS-No.) 7664-38-2<br>(EC-No.) 231-633-2<br>(EC Index-No.) 015-011-00-6<br>(REACH-no) 01-2119485924-24 | 15 - 20 | Met. Corr. 1, H290<br>Skin Corr. 1B, H314   |
| Nitric acid     | (CAS-No.) 7697-37-2<br>(EC-No.) 231-714-2<br>(EC Index-No.) 007-004-00-1<br>(REACH-no) 01-2119487297-23 | 15 - 20 | Ox. Liq. 2, H272<br>Met. Corr. 1, H290<br>Acute Tox. 3 (Inhalation:vapour), H331<br>Skin Corr. 1A, H314 |

### Specific concentration limits:

| Name            | Product identifier  | Specific concentration limits   |
|-----------------|---|---|
| Phosphoric acid | (CAS-No.) 7664-38-2<br>(EC-No.) 231-633-2<br>(EC Index-No.) 015-011-00-6<br>(REACH-no) 01-2119485924-24 | ( 10 =<C < 25) Eye Irrit. 2, H319<br>( 10 =<C < 25) Skin Irrit. 2, H315<br>( 25 =<C < 100) Skin Corr. 1B, H314  |
| Nitric acid     | (CAS-No.) 7697-37-2<br>(EC-No.) 231-714-2<br>(EC Index-No.) 007-004-00-1<br>(REACH-no) 01-2119487297-23 | ( 1 =<C < 5) Skin Irrit. 2, H315<br>( 1 =<C < 3) Eye Irrit. 2, H319<br>( 3 =<C < 5) Eye Dam. 1, H318<br>( 5 =<C < 20) Skin Corr. 1B, H314<br>( 20 =<C < 100) Skin Corr. 1A, H314<br>( 65 =<C < 99) Ox. Liq. 3, H272<br>( 99 =<C < 100) Ox. Liq. 2, H272 |

Full text of H-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|                                       |  |
|---------------------------------------|--|
| First-aid measures general            | : Call a physician immediately. Remove and wash contaminated clothing before re-use.   |
| First-aid measures after inhalation   | : Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a poison center or a doctor. Do not apply mouth-to-mouth resuscitation. In case of loss of conscience place the victim in the recovery position. |
| First-aid measures after skin contact | : Rinse skin with water/shower. Take off immediately all contaminated clothing. Call a physician immediately.  |
| First-aid measures after eye contact  | : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.   |
| First-aid measures after ingestion    | : Rinse mouth out with water. Do not induce vomiting. Call a physician immediately. Give water to drink if victim completely conscious/alert. (1 - 2 dl).  |

### 4.2. Most important symptoms and effects, both acute and delayed

|                                     |                           |
|-------------------------------------|---------------------------|
| Symptoms/effects after skin contact | : Burns.                  |
| Symptoms/effects after eye contact  | : Serious damage to eyes. |
| Symptoms/effects after ingestion    | : Burns.                  |

### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

|                                |   |
|--------------------------------|---|
| Suitable extinguishing media   | : Water spray. Dry powder. Foam. Carbon dioxide. Product does not burn, fire-extinguishing activities according to surrounding. |
| Unsuitable extinguishing media | : high volume water jet.  |

### 5.2. Special hazards arising from the substance or mixture

|  |   |
|--|---|
| Hazardous decomposition products in case of fire | : Toxic fumes may be released. Phosphorus oxides. Nitrous gasses. |
|--|---|

# Acidsan Dual Active

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830  
SDS No: 11194-0150

### 5.3. Advice for firefighters

- Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
- Other information : Cool containers at risk with water spray jet. Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

- Emergency procedures : Ensure adequate air ventilation. Wear personal protective equipment. Avoid contact with skin, eyes and clothing.

#### 6.1.2. For emergency responders

- Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Take up liquid spill into absorbent material.
- Other information : Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Do not breathe. Do not breathe vapour/aerosol. Wear personal protective equipment.
- Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Provision to contain effluent from fire extinguishing. Take precautionary measures against static discharge. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Electrical equipment should be protected to the appropriate standard.
- Storage conditions : Store in corrosive resistant container with a resistant inner liner. Keep only in original container. Store locked up. Store in a well-ventilated place. Keep cool.
- Incompatible materials : Bases.
- Information on mixed storage : Keep away from food, drink and animal feeding stuffs.

### 7.3. Specific end use(s)

Detergent.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

| Phosphoric acid (7664-38-2) |                                 |                                      |
|-----------------------------|---------------------------------|--------------------------------------|
| EU                          | Local name                      | Orthophosphoric acid                 |
| EU                          | IOELV TWA (mg/m <sup>3</sup> )  | 1 mg/m <sup>3</sup>                  |
| EU                          | IOELV STEL (mg/m <sup>3</sup> ) | 2 mg/m <sup>3</sup>                  |
| EU                          | Regulatory reference            | COMMISSION DIRECTIVE 2000/39/EC      |
| United Kingdom              | Local name                      | Orthophosphoric acid                 |
| United Kingdom              | WEL TWA (mg/m <sup>3</sup> )    | 1 mg/m <sup>3</sup>                  |
| United Kingdom              | WEL STEL (mg/m <sup>3</sup> )   | 2 mg/m <sup>3</sup>                  |
| United Kingdom              | Regulatory reference            | EH40/2005 (Third edition, 2018). HSE |

### Nitric acid (7697-37-2)

|    |                                 |                       |
|----|---------------------------------|-----------------------|
| EU | Local name                      | Nitric acid           |
| EU | IOELV STEL (mg/m <sup>3</sup> ) | 2.6 mg/m <sup>3</sup> |

# Acidsan Dual Active

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830  
SDS No: 11194-0150

### Nitric acid (7697-37-2)

|                |                               |                                      |
|----------------|-------------------------------|--------------------------------------|
| EU             | IOELV STEL (ppm)              | 1 ppm                                |
| EU             | Regulatory reference          | COMMISSION DIRECTIVE 2006/15/EC      |
| United Kingdom | Local name                    | Nitric acid                          |
| United Kingdom | WEL STEL (mg/m <sup>3</sup> ) | 2.6 mg/m <sup>3</sup>                |
| United Kingdom | WEL STEL (ppm)                | 1 ppm                                |
| United Kingdom | Regulatory reference          | EH40/2005 (Third edition, 2018). HSE |

### 8.2. Exposure controls

#### Appropriate engineering controls:

Ensure good ventilation of the work station.

#### Hand protection:

Please follow the instructions related to the permeability and the penetration time provided by the manufacturer. Follow the recommendations of the glove manufacturer for breakthrough properties especially for workplace conditions involving mechanical stress and contact duration.

| Type                                   | Material       | Permeation        | Thickness (mm) | Penetration | Standard   |
|--|----------------|-------------------|----------------|-------------|------------|
| Chemically resistant protective gloves | Nitrile rubber | 6 (> 480 minutes) | 0,7            | 2 (< 1.5)   | EN ISO 374 |

#### Eye protection:

Safety glasses. Eye wash bottle with pure water (EN 15154).

| Type           | Use                       | Characteristics   | Standard |
|----------------|---------------------------|-------------------|----------|
| Safety goggles | Liquid splashes may occur | With side shields | EN 166   |

#### Skin and body protection:

Acid-resistant clothing

| Type                             | Standard |
|----------------------------------|----------|
| Long sleeved protective clothing | EN 368   |

#### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. No personal breathing protective equipment is normally required. If the occupational exposure limit is exceeded:

| Device                          | Filter type   | Condition | Standard |
|---------------------------------|---------------|-----------|----------|
| Breathing apparatus with filter | ABEK, Type P2 |           | EN 141   |

#### Personal protective equipment symbol(s):



#### Environmental exposure controls:

Avoid release to the environment.

#### Other information:

Do not eat, drink or smoke when using this product. Wash hands before breaks and at the end of workday. Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|  |                     |
|--|---------------------|
| Physical state                             | : Liquid            |
| Colour                                     | : Colourless.       |
| Odour                                      | : Soft.             |
| Odour threshold                            | : No data available |
| pH   | : < 1               |
| Relative evaporation rate (butylacetate=1) | : No data available |
| Melting point                              | : No data available |

# Acidsan Dual Active

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830  
SDS No: 11194-0150

|                                  |                                    |
|----------------------------------|------------------------------------|
| Freezing point                   | : No data available                |
| Boiling point                    | : ≈ 100 °C                         |
| Flash point                      | : Not applicable                   |
| Auto-ignition temperature        | : Not applicable                   |
| Decomposition temperature        | : Not applicable                   |
| Flammability (solid, gas)        | : Not applicable<br>Not applicable |
| Vapour pressure                  | : No data available                |
| Relative vapour density at 20 °C | : No data available                |
| Relative density                 | : No data available                |
| Density                          | : 1.2 - 1.25 g/cm <sup>3</sup>     |
| Solubility                       | : Water: completely miscible       |
| Log Pow                          | : No data available                |
| Viscosity, kinematic             | : No data available                |
| Viscosity, dynamic               | : No data available                |
| Explosive properties             | : Not applicable.                  |
| Oxidising properties             | : Product is not explosive.        |
| Explosive limits                 | : No data available                |

### 9.2. Other information

VOC content : 0 %

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Gives off hydrogen by reaction with metals. Exothermic reaction on contact with : Bases.

### 10.4. Conditions to avoid

To avoid thermal decomposition, do not overheat. Reacts violently with water.

### 10.5. Incompatible materials

Bases.

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced. Fire may produce: Nitrogen oxides. Phosphorus oxides.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

|                             |                  |
|-----------------------------|------------------|
| Acute toxicity (oral)       | : Not classified |
| Acute toxicity (dermal)     | : Not classified |
| Acute toxicity (inhalation) | : Not classified |

#### Phosphoric acid (7664-38-2)

|   |                |
|---|----------------|
| LD50 oral rat                             | 1530 mg/kg     |
| LD50 oral                                 | 2000 mg/kg     |
| LD50 dermal rabbit                        | 2740 mg/kg     |
| LC50 inhalation rat (Dust/Mist - mg/l/4h) | 0.9615 mg/l/4h |

#### Nitric acid (7697-37-2)

|                           |           |
|---------------------------|-----------|
| LC50 inhalation rat (ppm) | 67 ppm/4h |
|---------------------------|-----------|

|                                   |   |
|-----------------------------------|---|
| Skin corrosion/irritation         | : Causes severe skin burns and eye damage.<br>pH: < 1 |
| Serious eye damage/irritation     | : Causes serious eye damage.<br>pH: < 1               |
| Respiratory or skin sensitisation | : Not classified                                      |

# Acidsan Dual Active

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830  
SDS No: 11194-0150

|                        |                  |
|------------------------|------------------|
| Germ cell mutagenicity | : Not classified |
| Carcinogenicity        | : Not classified |
| Reproductive toxicity  | : Not classified |
| STOT-single exposure   | : Not classified |
| STOT-repeated exposure | : Not classified |
| Aspiration hazard      | : Not classified |

### SECTION 12: Ecological information

#### 12.1. Toxicity

|                          |   |
|--------------------------|---|
| Ecology - general        | : Before neutralisation, the product may represent a danger to aquatic organisms. |
| Acute aquatic toxicity   | : Not classified  |
| Chronic aquatic toxicity | : Not classified  |

#### Phosphoric acid (7664-38-2)

|             |           |
|-------------|-----------|
| LC50 fish 1 | 75.1 mg/l |
|-------------|-----------|

#### 12.2. Persistence and degradability

##### Acidsan Dual Active

|                               |                    |
|-------------------------------|--------------------|
| Persistence and degradability | No data available. |
|-------------------------------|--------------------|

#### 12.3. Bioaccumulative potential

##### Nitric acid (7697-37-2)

|         |              |
|---------|--------------|
| Log Pow | -2.3 @ 25 °C |
|---------|--------------|

#### 12.4. Mobility in soil

No additional information available

#### 12.5. Results of PBT and vPvB assessment

No additional information available

#### 12.6. Other adverse effects

|                        |                                    |
|------------------------|------------------------------------|
| Additional information | : Avoid release to the environment |
|------------------------|------------------------------------|

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

|  |   |
|--|---|
| Waste treatment methods                    | : Disposal in accordance with local regulations. Should not be disposed of with household waste.                      |
| Sewage disposal recommendations            | : Do not discharge into drains.   |
| Product/Packaging disposal recommendations | : Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse. |
| Additional information                     | : Recommended cleaning agent: Water with detergents.  |
| Ecology - waste materials                  | : Avoid release to the environment.   |
| European List of Waste (LoW) code          | : 02 01 08* - agrochemical waste containing dangerous substances  |

### SECTION 14: Transport information






In accordance with ADR / RID / IMDG / IATA / ADN

| ADR   | IMDG  | IATA  | ADN   | RID   |
|---|---|---|---|---|
| <b>14.1. UN number</b>  |   |   |   |   |
| UN 3264   | UN 3264   | UN 3264   | UN 3264   | UN 3264   |
| <b>14.2. UN proper shipping name</b>  |   |   |   |   |
| CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Phosphoric acid ; Nitric acid) | CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Phosphoric acid ; Nitric acid) | Corrosive liquid, acidic, inorganic, n.o.s. (Phosphoric acid ; Nitric acid) | CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Phosphoric acid ; Nitric acid) | CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Phosphoric acid ; Nitric acid) |

# Acidsan Dual Active

## Safety Data Sheet

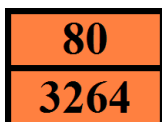
according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830  
SDS No: 11194-0150

| Transport document description  |  |  |  |  |
|---|--|--|--|--|
| UN 3264 CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Phosphoric acid ; Nitric acid), 8, II, (E) | UN 3264 CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Phosphoric acid ; Nitric acid), 8, II | UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Phosphoric acid ; Nitric acid), 8, II | UN 3264 CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Phosphoric acid ; Nitric acid), 8, II | UN 3264 CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Phosphoric acid ; Nitric acid), 8, II |
| 14.3. Transport hazard class(es)  |  |  |  |  |
| 8   | 8  | 8  | 8  | 8  |
|                |           |           |         |         |
| 14.4. Packing group   |  |  |  |  |
| II  | II   | II   | II   | II   |
| 14.5. Environmental hazards   |  |  |  |  |
| Dangerous for the environment: No   | Dangerous for the environment: No<br>Marine pollutant: No                                  | Dangerous for the environment: No  | Dangerous for the environment: No  | Dangerous for the environment: No  |
| No supplementary information available  |  |  |  |  |

### 14.6. Special precautions for user

#### Overland transport

Classification code (ADR) : C1  
Special provisions (ADR) : 274  
Limited quantities (ADR) : 1I  
Excepted quantities (ADR) : E2  
Packing instructions (ADR) : P001, IBC02  
Mixed packing provisions (ADR) : MP15  
Transport category (ADR) : 2  
Hazard identification number (Kemler No.) : 80  
Orange plates :



Tunnel restriction code (ADR) : E  
EAC code : 2X  
APP code : B

#### Transport by sea

Special provisions (IMDG) : 274  
Packing instructions (IMDG) : P001  
EmS-No. (Fire) : F-A  
EmS-No. (Spillage) : S-B  
Stowage and handling (IMDG) : SW2  
Properties and observations (IMDG) : Causes burns to skin, eyes and mucous membranes.

#### Air transport

PCA Excepted quantities (IATA) : E2  
PCA Limited quantities (IATA) : Y840  
PCA limited quantity max net quantity (IATA) : 0.5L  
PCA packing instructions (IATA) : 851  
PCA max net quantity (IATA) : 1L  
CAO packing instructions (IATA) : 855  
CAO max net quantity (IATA) : 30L  
Special provisions (IATA) : A3  
ERG code (IATA) : 8L

# Acidsan Dual Active

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830  
SDS No: 11194-0150

### Inland waterway transport

Classification code (ADN) : C1  
Special provisions (ADN) : 274  
Limited quantities (ADN) : 1 L  
Excepted quantities (ADN) : E2  
Carriage permitted (ADN) : T  
Equipment required (ADN) : PP, EP  
Number of blue cones/lights (ADN) : 0

### Rail transport

Classification code (RID) : C1  
Special provisions (RID) : 274  
Limited quantities (RID) : 1L  
Excepted quantities (RID) : E2  
Packing instructions (RID) : P001, IBC02  
Transport category (RID) : 2  
Hazard identification number (RID) : 80

### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

## 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 REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to REGULATION (EU) No 649/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012 concerning the export and import of hazardous chemicals.

Substance(s) are not subject to Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004 on persistent organic pollutants and amending Directive 79/117/EEC.

VOC content : 0 %  
Directive 2012/18/EU (SEVESO III)  
Seveso Additional information : Not subject to the Seveso III Directive

#### 15.1.2. National regulations

##### United Kingdom

British National Regulations : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.  
Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006.

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

| Abbreviations and acronyms: |   |
|-----------------------------|---|
| ADR                         | European Agreement concerning the International Carriage of Dangerous Goods by Road               |
| ADN                         | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways   |
| IATA                        | International Air Transport Association   |
| IMDG                        | International Maritime Dangerous Goods  |
| RID                         | Regulations concerning the International Carriage of Dangerous Goods by Rail                      |
| DOT                         | Department of Transport   |
| TDG                         | Transportation of Dangerous Goods   |
| REACH                       | Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006 |



# Acidsan Dual Active

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830  
SDS No: 11194-0150

|              |   |
|--------------|---|
| GHS          | Globally Harmonized System of Classification, Labelling and Packaging of Chemicals                  |
| IARC         | International Agency for Research on Cancer   |
| vPvB         | Very Persistent and Very Bioaccumulative  |
| PBT          | Persistent Bioaccumulative Toxic  |
| PNEC         | Predicted No-Effect Concentration   |
| CAS          | CAS (Chemical Abstracts Service) number   |
| IBC-Code     | International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk |
| ATE          | Acute Toxicity Estimate   |
| CLP          | Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008                         |
| BCF          | Bioconcentration factor   |
| MARPOL 73/78 | MARPOL 73/78: International Convention for the Prevention of Pollution From Ships                   |
| LC50         | Median lethal concentration   |
| LD50         | Median lethal dose  |

Data sources : Raw material supplier's SDS. REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Other information : Data of sections 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities. The information describes exclusively the safety requirements for the product(s) and is based on the present level of our knowledge. The delivery specifications are contained in the corresponding product sheet. This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

| Full text of H- and EUH-statements: |   |
|-------------------------------------|---|
| Acute Tox. 3 (Inhalation:vapour)    | Acute toxicity (inhalation:vapour) Category 3 |
| Eye Dam. 1                          | Serious eye damage/eye irritation, Category 1 |
| Eye Irrit. 2                        | Serious eye damage/eye irritation, Category 2 |
| Met. Corr. 1                        | Corrosive to metals, Category 1               |
| Ox. Liq. 2                          | Oxidising Liquids, Category 2                 |
| Ox. Liq. 3                          | Oxidising Liquids, Category 3                 |
| Skin Corr. 1A                       | Skin corrosion/irritation, Category 1A        |
| Skin Corr. 1B                       | Skin corrosion/irritation, Category 1B        |
| Skin Irrit. 2                       | Skin corrosion/irritation, Category 2         |
| H272                                | May intensify fire; oxidiser.                 |
| H290                                | May be corrosive to metals.                   |
| H314                                | Causes severe skin burns and eye damage.      |
| H315                                | Causes skin irritation.                       |
| H318                                | Causes serious eye damage.                    |
| H319                                | Causes serious eye irritation.                |
| H331                                | Toxic if inhaled.                             |

| Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]: |      |                    |
|---|------|--------------------|
| Met. Corr. 1  | H290 | Calculation method |
| Skin Corr. 1B   | H314 | Expert judgment    |
| Eye Dam. 1  | H318 |                    |

*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.*