

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

|               |   |
|---------------|---|
| Product form  | : Substance   |
| Trade name    | : Ammonium persulfate Analytical Grade ACS                      |
| Chemical name | : diammonium peroxodisulphate; ammonium persulphate             |
| IUPAC name    | : diammonium peroxodisulphate                                   |
| EC Index-No.  | : 016-060-00-6  |
| EC-No.        | : 231-786-5   |
| CAS-No.       | : 7727-54-0   |
| Product code  | : AMPS-00A  |
| Formula       | : (NH <sub>4</sub> ) <sub>2</sub> S <sub>2</sub> O <sub>8</sub> |

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

|                   |                  |
|-------------------|------------------|
| Main use category | : Laboratory use |
|-------------------|------------------|

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

Labbox Labware S.L.  
Migjorn, 1  
08338 Premia de Dalt, Barcelona  
España  
T +34 937 07 79 70, F +34 937 909 532  
[info@labbox.com](mailto:info@labbox.com), [www.labbox.com](http://www.labbox.com)

**1.4. Emergency telephone number**

|                  |  |
|------------------|--|
| Emergency number | : +34 937 077 970 (For technical information_Office Hours) In case of medical emergency phone 112 or to your local emergency number. 24 hours a day, 7 days a week |
|------------------|--|

| Country/Area   | Organisation   | Emergency number                                   |
|----------------|--|--|
| United Kingdom | National Poisons Information Service (Belfast Centre).<br>Royal Victoria Hospital.<br>Grosvenor Road BT12 6BA Belfast. | 0344 892 0111<br>Only for healthcare professionals |

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification according to Regulation (EC) No. 1272/2008 [CLP]**

|   |      |
|---|------|
| Oxidising Solids, Category 3                                  | H272 |
| Acute toxicity (oral), Category 4                             | H302 |
| Serious eye damage/eye irritation, Category 2                 | H319 |
| Specific target organ toxicity – Single exposure, Category 3, | H335 |
| Respiratory tract irritation                                  |      |
| Skin corrosion/irritation, Category 2                         | H315 |
| Respiratory sensitisation, Category 1                         | H334 |
| Skin sensitisation, Category 1                                | H317 |
| Full text of H- and EUH-statements: see section 16            |      |

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

No additional information available

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according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### 2.2. Label elements

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

Hazard pictograms (CLP)



Signal word (CLP)

: Danger

Hazard statements (CLP)

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

Precautionary statements (CLP)

: 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/fume/gas/mist/vapours/spray.  
P264 - Wash hands, forearms and face thoroughly after handling.  
P270 - Do not eat, drink or smoke when using this product.  
P271 - Use only outdoors or in a well-ventilated area.

### 2.3. Other hazards

Other hazards which do not result in classification

: Does not contain PBT and/or vPvB substances  $\geq 0.1\%$  evaluated according to Annex XIII of REACH. Endocrine disrupting properties: not known / not applicable according to current criteria.

PBT: not relevant – no registration required

vPvB: not relevant – no registration required

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Substance type

: Mono-constituent

| Name                | Product identifier  | %   |
|---------------------|---|-----|
| Ammonium persulfate | CAS-No.: 7727-54-0<br>EC-No.: 231-786-5<br>EC Index-No.: 016-060-00-6 | 100 |

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general

: If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation

: Remove person to fresh air and keep comfortable for breathing. Give oxygen or artificial respiration if necessary. Get immediate medical advice/attention.

First-aid measures after skin contact

: Take off immediately all contaminated clothing. Gently wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.

First-aid measures after eye contact

: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.

First-aid measures after ingestion

: Rinse mouth. Do not induce vomiting. Call a physician immediately.

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### 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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Water spray.  
Unsuitable extinguishing media : dry chemical powder. Foam.

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

Hazardous decomposition products in case of fire : fume.

### 5.3. Advice for firefighters

Precautionary measures fire : Stop leak if safe to do so.  
Firefighting instructions : Exercise caution when fighting any chemical fire.  
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

## SECTION 6: Accidental release measures

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

General measures : Remove ignition sources. Use special care to avoid static electric charges.

#### For emergency responders

Protective equipment : Wear recommended personal protective equipment. For further information refer to section 8: "Exposure controls/personal protection".  
Emergency procedures : Ventilate area. Stop release.

### 6.2. Environmental precautions

Prevent entry to sewers and public waters.

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

For containment : Collect spillage.  
Methods for cleaning up : Clear up rapidly by scoop or vacuum.

### 6.4. Reference to other sections

See Section 8. For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

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

Technical measures : Comply with applicable regulations.  
Storage conditions : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Store in a well-ventilated place. Keep container tightly closed.  
Maximum storage period : 6 months  
Storage temperature : 5 – 30 °C

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Storage area : Store in a well-ventilated place. Store away from heat.  
Special rules on packaging : Keep only in original container. Store in a closed container.

### 7.3. Specific end use(s)

Laboratory chemicals.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### National occupational exposure and biological limit values

| Ammonium persulfate Analytical Grade ACS (7727-54-0) |   |
|--|---|
| Spain - Occupational Exposure Limits                 |   |
| Local name   | Persulfato de amonio                    |
| VLA-ED (OEL TWA)                                     | 0,1 mg/m <sup>3</sup>                   |
| Remark   | Sen (Sensibilizante. Véase Apartado 6). |

#### DNEL and PNEC

| Ammonium persulfate Analytical Grade ACS (7727-54-0) |                           |
|--|---------------------------|
| DNEL/DMEL (Workers)                                  |                           |
| Acute - systemic effects, dermal                     | 400 mg/kg bodyweight/day  |
| Acute - systemic effects, inhalation                 | 590 mg/m <sup>3</sup>     |
| Acute - local effects, dermal                        | 2,248 mg/cm <sup>2</sup>  |
| Long-term - systemic effects, dermal                 | 18,2 mg/kg bodyweight/day |
| Long-term - local effects, dermal                    | 0,102 mg/cm <sup>2</sup>  |
| Long-term - systemic effects, inhalation             | 2,06 mg/m <sup>3</sup>    |
| Long-term - local effects, inhalation                | 2,06 mg/m <sup>3</sup>    |
| DNEL/DMEL (General population)                       |                           |
| Acute - systemic effects, dermal                     | 200 mg/kg bodyweight/day  |
| Acute - systemic effects, inhalation                 | 295 mg/m <sup>3</sup>     |
| Acute - systemic effects, oral                       | 30 mg/kg bodyweight/day   |
| Acute - local effects, dermal                        | 1,124 mg/cm <sup>2</sup>  |
| Acute - local effects, inhalation                    | 295 mg/m <sup>3</sup>     |
| Long-term - systemic effects, oral                   | 9,1 mg/kg bodyweight/day  |
| Long-term - systemic effects, inhalation             | 1,03 mg/m <sup>3</sup>    |
| Long-term - systemic effects, dermal                 | 9,1 mg/kg bodyweight/day  |
| Long-term - local effects, dermal                    | 0,051 mg/cm <sup>2</sup>  |
| Long-term - local effects, inhalation                | 1,03 mg/m <sup>3</sup>    |
| PNEC (Water)   |                           |
| PNEC aqua (freshwater)                               | 0,0763 mg/l               |
| PNEC aqua (marine water)                             | 0,011 mg/l                |
| PNEC aqua (intermittent, freshwater)                 | 0,763 mg/l                |
| PNEC (Sediment)                                      |                           |
| PNEC sediment (freshwater)                           | 0,275 mg/kg dwt           |

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|                              |                  |
|------------------------------|------------------|
| PNEC sediment (marine water) | 0,0396 mg/kg dwt |
|------------------------------|------------------|

#### PNEC (Soil)

|           |                 |
|-----------|-----------------|
| PNEC soil | 0,015 mg/kg dwt |
|-----------|-----------------|

#### PNEC (STP)

|                             |          |
|-----------------------------|----------|
| PNEC sewage treatment plant | 3,6 mg/l |
|-----------------------------|----------|

## 8.2. Exposure controls

### Personal protection equipment

#### Personal protective equipment:

Avoid all unnecessary exposure. ISO 374-1.

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



### Eye and face protection

#### Eye protection:

Face shield

### Eye protection

| Type        | Field of application | Characteristics | Standard               |
|-------------|----------------------|-----------------|------------------------|
| Category II |                      |                 | EN 166, EN 167, EN 168 |

### Skin protection

#### Skin and body protection:

Chemical resistant apron

### Skin and body protection

| Type  | Standard  |
|-------|---|
| apron | EN 13034, EN 168 , EN ISO 13982-1, EN ISO 6529, EN ISO 6530, EN 464 |

#### Hand protection:

Protective gloves against chemicals (EN 374)

### Hand protection

| Type         | Material | Permeation        | Thickness (mm) | Penetration | Standard |
|--------------|----------|-------------------|----------------|-------------|----------|
| Category III |          | 6 (> 480 minutes) |                |             |          |

### Other skin protection

#### Materials for protective clothing:

Wear foot protection

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### Other skin protection

#### Materials for protective clothing

| Condition | Material | Standard                    |
|-----------|----------|-----------------------------|
|           |          | EN ISO 20345,<br>EN 13832-1 |

### Respiratory protection

#### Respiratory protection

| Device | Filter type | Condition | Standard |
|--------|-------------|-----------|----------|
|        |             |           |          |

## SECTION 9: Physical and chemical properties

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

|   |                  |
|---|------------------|
| Physical state                                  | : Solid          |
| Colour  | : Not available  |
| Odour   | : Not available  |
| Odour threshold                                 | : Not available  |
| Melting point                                   | : 120 °C         |
| Freezing point                                  | : Not available  |
| Boiling point                                   | : Not available  |
| Flammability                                    | : Not available  |
| Lower explosion limit                           | : Not applicable |
| Upper explosion limit                           | : Not applicable |
| Flash point                                     | : Not applicable |
| Auto-ignition temperature                       | : Not applicable |
| Decomposition temperature                       | : Not available  |
| pH  | : Not available  |
| pH solution                                     | : Not available  |
| Viscosity, kinematic                            | : Not applicable |
| Solubility                                      | : Not available  |
| Partition coefficient n-octanol/water (Log Kow) | : Not available  |
| Vapour pressure                                 | : Not available  |
| Vapour pressure at 50°C                         | : Not available  |
| Density   | : 1980 kg/m³     |
| Relative density                                | : Not available  |
| Relative vapour density at 20°C                 | : 1,98           |
| Particle size                                   | : Not available  |

### 9.2. Other information

#### Other safety characteristics

|                  |   |
|------------------|---|
| VOC content      | : 0 %   |
| Other properties | : May cause fire or explosion; strong oxidiser. |

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Stable in use and storage conditions as recommended in item 7.

### 10.2. Chemical stability

Stable under normal conditions of use.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

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### 10.4. Conditions to avoid

No additional information available

### 10.5. Incompatible materials

Strong acids. Strong bases.

### 10.6. Hazardous decomposition products

No additional information available

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral) : Harmful if swallowed.  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Not classified

#### Ammonium persulfate Analytical Grade ACS (7727-54-0)

|                       |  |
|-----------------------|--|
| LD50 dermal rat       | > 2000 mg/kg bodyweight Animal: rat, Guideline: EPA OPP 81-2 (Acute Dermal Toxicity) |
| LC50 Inhalation - Rat | ≥ 2,95 mg/l air Animal: rat, Guideline: EPA OPP 81-3 (Acute inhalation toxicity)     |

Skin corrosion/irritation : Causes skin irritation.  
Serious eye damage/irritation : Causes serious eye irritation.  
Respiratory or skin sensitisation : May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.  
Germ cell mutagenicity : Not classified  
Carcinogenicity : Not classified  
Reproductive toxicity : Not classified  
STOT-single exposure : May cause respiratory irritation.  
STOT-repeated exposure : Not classified

#### Ammonium persulfate Analytical Grade ACS (7727-54-0)

|  |   |
|--|---|
| NOAEC (inhalation, rat, dust/mist/fume, 90 days) | 0,0103 mg/l air Animal: rat, Guideline: OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day Study), Guideline: EPA OPP 82-4 (90-Day Inhalation Toxicity) |
|--|---|

Aspiration hazard : Not classified

### 11.2. Information on other hazards

#### Endocrine disrupting properties

Adverse health effects caused by endocrine disrupting properties : The product does not meet the criteria due to its endocrine-disrupting properties.

## SECTION 12: Ecological information

### 12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute) : Not classified  
Hazardous to the aquatic environment, long-term (chronic) : Not classified

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|                      |  |
|----------------------|--|
| LC50 - Fish [1]      | 76,3 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) |
| EC50 - Crustacea [1] | 120 mg/l Test organisms (species): Daphnia magna   |
| EC50 72h - Algae [1] | 136 mg/l Test organisms (species): Phaeodactylum tricornutum                             |

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### Ammonium persulfate Analytical Grade ACS (7727-54-0)

EC50 72h - Algae [2]

320 mg/l Test organisms (species): Phaeodactylum tricornutum

### 12.2. Persistence and degradability

### Ammonium persulfate Analytical Grade ACS (7727-54-0)

Persistence and degradability

Rapidly degradable

### 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

### Ammonium persulfate Analytical Grade ACS (7727-54-0)

PBT: not relevant – no registration required

vPvB: not relevant – no registration required

### 12.6. Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties

: Substance(s) not included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

### 12.7. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Regional waste regulation

: Disposal must be done according to official regulations.

Waste treatment methods

: Must follow special treatment according to local regulation.

European List of Waste (LoW, EC 2000/532)

: 20 01 14\* - acids

HP Code

: HP2 - "Oxidising:" waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials.

HP5 - "Specific Target Organ Toxicity (STOT)/Aspiration Toxicity:" waste which can cause specific target organ toxicity either from a single or repeated exposure, or which cause acute toxic effects following aspiration.

HP6 - "Acute Toxicity:" waste which can cause acute toxic effects following oral or dermal administration, or inhalation exposure.

HP4 - "Irritant – skin irritation and eye damage:" waste which on application can cause skin irritation or damage to the eye.

HP13 - "Sensitising:" waste which contains one or more substances known to cause sensitising effects to the skin or the respiratory organs.

## SECTION 14: Transport information

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

### 14.1. UN number or ID number

UN-No. (ADR)

: UN 1444

UN-No. (IMDG)

: UN 1444

UN-No. (IATA)

: UN 1444



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UN-No. (ADN) : UN 1444  
UN-No. (RID) : UN 1444

### 14.2. UN proper shipping name

Proper Shipping Name (ADR) : AMMONIUM PERSULPHATE  
Proper Shipping Name (IMDG) : AMMONIUM PERSULPHATE  
Proper Shipping Name (IATA) : Ammonium persulphate  
Proper Shipping Name (ADN) : AMMONIUM PERSULPHATE  
Proper Shipping Name (RID) : AMMONIUM PERSULPHATE  
Transport document description (ADR) (ADR) : UN 1444 AMMONIUM PERSULPHATE, 5.1, III, (E)  
Transport document description (IMDG) : UN 1444 AMMONIUM PERSULPHATE, 5.1, III  
Transport document description (IATA) : UN 1444 Ammonium persulphate, 5.1, III  
Transport document description (ADN) : UN 1444 AMMONIUM PERSULPHATE, 5.1, III  
Transport document description (RID) : UN 1444 AMMONIUM PERSULPHATE, 5.1, III

### 14.3. Transport hazard class(es)

#### ADR

Transport hazard class(es) (ADR) : 5.1  
Danger labels (ADR) : 5.1  
:



#### IMDG

Transport hazard class(es) (IMDG) : 5.1  
Danger labels (IMDG) : 5.1  
:



#### IATA

Transport hazard class(es) (IATA) : 5.1  
Danger labels (IATA) : 5.1  
:



#### ADN

Transport hazard class(es) (ADN) : 5.1  
Danger labels (ADN) : 5.1  
:



#### RID

Transport hazard class(es) (RID) : 5.1  
Danger labels (RID) : 5.1  
:



### 14.4. Packing group

Packing group (ADR) : III

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|                      |       |
|----------------------|-------|
| Packing group (IMDG) | : III |
| Packing group (IATA) | : III |
| Packing group (ADN)  | : III |
| Packing group (RID)  | : III |

### 14.5. Environmental hazards

|                               |  |
|-------------------------------|--|
| Dangerous for the environment | : No                                     |
| Marine pollutant              | : No                                     |
| EmS-No. (Fire)                | : F-A                                    |
| EmS-No. (Spillage)            | : S-Q                                    |
| Other information             | : No supplementary information available |

### 14.6. Special precautions for user

#### Overland transport

|   |                           |
|---|---------------------------|
| Classification code (ADR)   | : O2                      |
| Limited quantities (ADR)  | : 5kg                     |
| Excepted quantities (ADR)   | : E1                      |
| Packing instructions (ADR)  | : P002, IBC08, LP02, R001 |
| Special packing provisions (ADR)  | : B3                      |
| Mixed packing provisions (ADR)  | : MP10                    |
| Portable tank and bulk container instructions (ADR)                     | : T1                      |
| Portable tank and bulk container special provisions (ADR)               | : TP33                    |
| Tank code (ADR)   | : SGAV                    |
| Tank special provisions (ADR)   | : TU3                     |
| Vehicle for tank carriage   | : AT                      |
| Transport category (ADR)  | : 3                       |
| Special provisions for carriage - Bulk (ADR)                            | : VC1, VC2, AP6, AP7      |
| Special provisions for carriage - Loading, unloading and handling (ADR) | : CV24                    |
| Hazard identification number (Kemler No.)                               | : 50                      |
| Orange plates   | :                         |



|                               |      |
|-------------------------------|------|
| Tunnel restriction code (ADR) | : E  |
| EAC code                      | : 1Z |

#### Transport by sea

|                                    |  |
|------------------------------------|--|
| Limited quantities (IMDG)          | : 5 kg   |
| Excepted quantities (IMDG)         | : E1   |
| Packing instructions (IMDG)        | : P002, LP02   |
| IBC packing instructions (IMDG)    | : IBC08  |
| IBC special provisions (IMDG)      | : B3   |
| Tank instructions (IMDG)           | : T1   |
| Tank special provisions (IMDG)     | : TP33   |
| Stowage category (IMDG)            | : A  |
| Segregation (IMDG)                 | : SGG2   |
| Properties and observations (IMDG) | : White crystals or powder. Soluble in water. Mixtures with combustible material are sensitive to friction and are liable to ignite. |

#### Air transport

|  |         |
|--|---------|
| PCA Excepted quantities (IATA)               | : E1    |
| PCA Limited quantities (IATA)                | : Y546  |
| PCA limited quantity max net quantity (IATA) | : 10kg  |
| PCA packing instructions (IATA)              | : 559   |
| PCA max net quantity (IATA)                  | : 25kg  |
| CAO packing instructions (IATA)              | : 563   |
| CAO max net quantity (IATA)                  | : 100kg |
| Special provisions (IATA)                    | : A803  |
| ERG code (IATA)                              | : 5L    |

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### Inland waterway transport

|                                   |        |
|-----------------------------------|--------|
| Classification code (ADN)         | : O2   |
| Limited quantities (ADN)          | : 5 kg |
| Excepted quantities (ADN)         | : E1   |
| Equipment required (ADN)          | : PP   |
| Number of blue cones/lights (ADN) | : 0    |

### Rail transport

|   |                           |
|---|---------------------------|
| Classification code (RID)   | : O2                      |
| Limited quantities (RID)  | : 5kg                     |
| Excepted quantities (RID)   | : E1                      |
| Packing instructions (RID)  | : P002, IBC08, LP02, R001 |
| Special packing provisions (RID)  | : B3                      |
| Mixed packing provisions (RID)  | : MP10                    |
| Portable tank and bulk container instructions (RID)                     | : T1                      |
| Portable tank and bulk container special provisions (RID)               | : TP33                    |
| Tank codes for RID tanks (RID)  | : SGAV                    |
| Special provisions for RID tanks (RID)                                  | : TU3                     |
| Transport category (RID)  | : 3                       |
| Special provisions for carriage – Bulk (RID)                            | : VC1, VC2, AP6, AP7      |
| Special provisions for carriage - Loading, unloading and handling (RID) | : CW24                    |
| Colis express (express parcels) (RID)                                   | : CE11                    |
| Hazard identification number (RID)                                      | : 50                      |

### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### EU-Regulations

##### REACH Annex XVII (Restriction List)

Not listed on REACH Annex XVII

##### REACH Annex XIV (Authorisation List)

Not listed on REACH Annex XIV (Authorisation List)

##### REACH Candidate List (SVHC)

Not listed on the REACH Candidate List

##### PIC Regulation (Prior Informed Consent)

Not listed on the PIC list (Regulation EU 649/2012)

##### POP Regulation (Persistent Organic Pollutants)

Not listed on the POP list (Regulation EU 2019/1021)

##### Ozone Regulation (2024/590)

Not listed on the Ozone Depletion list (Regulation EU 2024/590)

##### Council Regulation (EC) for the control of dual-use items

Not listed on the COUNCIL REGULATION (EC) of dual-use items.

##### VOC Directive (2004/42)

VOC content : 0 %

##### Explosives Precursors Regulation (EU 2019/1148)

Not listed on the Explosives Precursors list (EU)

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### Drug Precursors Regulation (EC 273/2004)

Not listed on the Drug Precursors list (EU)

### National regulations

#### Denmark

Danish National Regulations : Young people below the age of 18 years are not allowed to use the product

#### Germany

Water hazard class (WGK) : WGK 1, Slightly hazardous to water (Classification according to AwSV; ID No. 836).  
Chemicals Prohibition Ordinance (ChemVerbotsV) : This product is subject to ChemVerbotsV Annex 2 Entry 2. The following requirement must be observed: Basic requirements for the implementation of the submission (according to § 8 paragraph 1, 3 and 4).  
VOC content : 0 %

#### Netherlands

SZW-lijst van kankerverwekkende stoffen : The substance is not listed  
SZW-lijst van mutagene stoffen : The substance is not listed  
SZW-lijst van reprotoxische stoffen – Borstvoeding : The substance is not listed  
SZW-lijst van reprotoxische stoffen – Vruchtbaarheid : The substance is not listed  
SZW-lijst van reprotoxische stoffen – Ontwikkeling : The substance is not listed

#### Poland

Polish National Regulations : Act of 25 February 2011 on chemical substances and their mixtures (J. o L. No. 63, item 322 as amended; consolidated text J. o L. 2019, item 1225).  
Act of 14 December 2012 on waste (J. o L. 2013, item 322 as amended; consolidated text J. o L. 2020, item 797).  
The announcement of Marshal of the Sejm of the Republic of Poland dated 19 October 2016 concerning the consolidated text announcement of the decree on the management of packaging and packaging waste (J. o L. 2016, item 1863 as amended).  
Decree of the Minister of Environment of 14 December 2014 on the catalogue of waste (J. o L. 2014, item 1923).  
Act of 19 August 2011 on the Carriage of Dangerous Goods (J. o L. 2011 No. 227, item 1367 as amended; consolidated text J. o L. 2020, item 154).  
Regulation of the Minister of Family, Labour and Social Policy of 12 June 2018 on the highest permissible concentration and intensity of noxious agents for health at work environment (J. o L. item 1286 as amended).  
The announcement of Minister of Health dated 9 September 2016 concerning the consolidated text announcement of the decree of the Minister of Health of 30 December 2004 on health and safety at work related to exposure to chemical agents at work (J. o L. of 16 September 2016, item 1488)  
Regulation of the Minister of Health of 2 February 2011 on tests and measurements of the noxious agents for health at work environment (J. o L. No. 33, item 166 as amended).  
Regulation of the Minister of Environment of 9 December 2003 on particularly hazardous substances to the environment (J. o L. No. 217, item 2141).  
ADR Agreement: Government Statement of 13 March 2023 on the entry into force of amendments to Annexes A and B to the Agreement concerning the International Carriage of Dangerous Goods by Road (ADR), signed in Geneva on 30 September 1957 (J. o. L. 2023, item 891)  
Regulation of the Minister of Health of 25 August 2015 on the method of marking places, pipelines, and containers and tanks used for storing or containing hazardous substances or hazardous mixtures (J.o.L. 2015, item 1368 as amended)

### 15.2. Chemical safety assessment

No additional information available

## SECTION 16: Other information

### Full text of H- and EUH-statements:

|                     |                                   |
|---------------------|-----------------------------------|
| Acute Tox. 4 (Oral) | Acute toxicity (oral), Category 4 |
|---------------------|-----------------------------------|

# Ammonium persulfate Analytical Grade ACS

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| Full text of H- and EUH-statements: |  |
|-------------------------------------|--|
| Eye Irrit. 2                        | Serious eye damage/eye irritation, Category 2  |
| Ox. Sol. 3                          | Oxidising Solids, Category 3   |
| Resp. Sens. 1                       | Respiratory sensitisation, Category 1  |
| Skin Irrit. 2                       | Skin corrosion/irritation, Category 2  |
| Skin Sens. 1                        | Skin sensitisation, Category 1   |
| STOT SE 3                           | Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation |
| H272                                | May intensify fire; oxidiser.  |
| 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.  |

Safety Data Sheet (SDS), EU

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.