

Safety Data Sheet

according to Regulation (EC) No. 878/2020



Euro Vive Pure AA Liquid

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

1.1. Product identifier

Product form : Mixture
Trade name : Euro Vive Pure AA Liquid

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

1.2.1. Relevant identified uses

Main use category : Professional use.
Industrial use
Use of product : Fertiliser.
Component of mixed fertilisers

1.2.2. Uses advised against

Restrictions on use : Uses other than the identified uses are discouraged

1.3. Details of the supplier of the safety data sheet

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P.O. Box 1333
3260 AH Oud-Beijerland - Nederland
T +31 (0) 186 578 888 - F +31 (0) 186 573 452
info@eurosolids.com - www.eurosolids.com

1.4. Emergency telephone number

In case of emergency contact the national emergency telephone number: UK and Ireland: 112 or 999

Country	Official advisory body	Address	Emergency number
Ireland (Republic of)	National Poisons Information Centre Beaumont Hospital	Beaumont Hospital Beaumont Road 9 Dublin	: +353 1 8379964
United Kingdom	Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust	Avonley Road SE14 5ER London	0870 243 2241

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Not classified

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Not classified as dangerous according to the criteria of Regulation (EC) No 1272/2008.

No labelling applicable

2.3. Other hazards

Contains no PBT and/or vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are 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 at a concentration equal to or greater than 0,1 %

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of REACH Annex II

Comments : Contains no engineered/manufactured nanomaterials. Contains no unintentionally present nanomaterials at a concentration equal to or greater than 0,1 %

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SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: First aider: pay attention to self-protection! Move the affected person away from the contaminated area. Use first aid treatment according to the nature of the injury. Keep watching the victim. If feeling unwell, seek medical advice. Show this safety data sheet to the doctor in attendance.
First-aid measures after inhalation	: Remove the victim into fresh air. Respiratory problems: consult a doctor/medical service.
First-aid measures after skin contact	: Rinse with water. Soap may be used. If on skin and if skin irritation or rash occurs, seek medical advice and attention.
First-aid measures after eye contact	: Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. In all cases of doubt, or when symptoms persist, seek medical attention.
First-aid measures after ingestion	: If victim conscious and alert, give 1-2 glasses of water to drink. Do NOT induce vomiting. Get medical advice/attention. Ingestion of large quantities: immediately to hospital.

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

Symptoms/effects after inhalation	: Exposure to high concentrations: irritation of the respiratory tract, dry/sore throat, coughing, respiratory difficulties. Exposure to decomposition products may cause a health hazard.
Symptoms/effects after skin contact	: On continuous exposure/contact: slight irritation.
Symptoms/effects after eye contact	: Direct contact with the eyes is likely to be irritating.
Symptoms/effects after ingestion	: Nausea. Vomiting.

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

Follow the advices in chapter 4.1. Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Extinguishing media for surrounding fires: all extinguishing media allowed. Use fire extinguishing methods suitable for the surrounding conditions
Unsuitable extinguishing media	: Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard	: Direct fire hazard: non combustible.
Explosion hazard	: No direct explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst.
Hazardous decomposition products in case of fire	: With sustained heating, hazardous decomposition products may be released, such as ammonia, nitrogen oxides, potassium oxides, carbon dioxide, carbon monoxide.

5.3. Advice for firefighters

Precautionary measures fire	: Exposure to fire/heat: keep upwind, consider evacuation and have neighbourhood close doors and windows.
Firefighting instructions	: Dilute toxic gases with water spray.
Protection during firefighting	: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Prevent generation of mists/aerosols. Ensure adequate air ventilation. Keep away from naked flames/heat. Do not get in eyes, on skin, or on clothing.
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6.1.1. For non-emergency personnel

Protective equipment	: Wear protective gloves/protective clothing/eye protection as advised in section 8.
Emergency procedures	: Mark the danger area. No naked flames. Keep containers closed. Wash contaminated clothes. In case of hazardous reactions: keep upwind. In case of reactivity hazard: consider evacuation.

6.1.2. For emergency responders

Protective equipment	: Wear protective gloves/protective clothing/eye protection as advised in section 8.
Emergency procedures	: See the information in "For non-emergency personnel".

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SECTION 6: Accidental release measures (continued)

6.2. Environmental precautions

Stop leaks if possible. Prevent spreading in sewers. Prevent soil and water pollution.

Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

6.3. Methods and material for containment and cleaning up

For containment	: Any spillage should be cleaned up immediately. Collect spill in closed and suitable containers for disposal. Take up rest of liquid spill into absorbent material (sand, earth, vermiculite). Scoop absorbed substance into closing containers.
Methods for cleaning up	: Clean contaminated surfaces with an excess of water. Wash clothing and equipment after handling.
Other information	: Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

See section 1 for emergency contact information.

See section 8 for information on appropriate personal protective equipment.

See section 13 for additional waste treatment information

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	: Prevent generation of mists /aerosols. Do not breathe vapor or mist. Use sufficient ventilation. Do not get in eyes, on skin, or on clothing. Wear protective gloves/protective clothing/eye protection as advised in section 8.
Hygiene measures	: Do not eat, drink or smoke during use. Always wash hands after handling the product. Remove contaminated clothing and protective equipment before entering eating areas. Provide eyewashstations at the workplace. Do not discharge waste into the drain.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	: Store in original container. Store according to local legislation.
Storage temperature	: 5 – 30 °C
Heat and ignition sources	: Keep substance away from: heat sources.
Information on mixed storage	: Keep substance away from: oxidizing agents, acids.
Storage area	: Store in dry, cool, well-ventilated area. Keep out of direct sunlight.
Special rules on packaging	: Correctly labelled. Sealable. Keep packaging closed when not in use. Secure fragile packagings in solid containers.
Packaging materials	: Always store the product in a container of the same material as the original container

7.3. Specific end use(s)

Fertilisers.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

No particular/specific measures required.

Good practice advice: ensure good ventilation of the work station and provide eyewashstations at the workplace.

8.2.2. Personal protection equipment

Personal protective equipment:

Safety glasses. Gloves. Protective clothing.

Personal protective equipment symbol(s):



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SECTION 8: Exposure controls/personal protection (continued)

8.2.2.1. Eye and face protection

Eye protection:

Safety glasses

8.2.2.2. Skin protection

Skin and body protection:

Protective clothing. Impervious footwear must be worn

Hand protection:

In case of repeated or prolonged contact wear gloves

Material selection gloves: wear chemical-resistant gloves (tested to EN-16523-1). Refer table below. Ask your gloves' supplier for advice. Take note of the information given by the producer concerning permeability, breakthrough times and special workplace conditions (mechanical strain, duration of contact). Replace damaged gloves

Type	Material	Permeation	Thickness (mm)	Standard
Reusable gloves	Nitrile rubber	6 (> 480 minutes)	0.35	EN ISO 374; EN-16523-1

8.2.2.3. Respiratory protection

Respiratory protection:

No personal breathing protective equipment is normally required. Ensure adequate air ventilation. Mist formation: aerosol mask with filter type P2

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

In some cases process modifications will be necessary to reduce emissions to acceptable levels. Emissions from ventilation or work process equipment should be checked to ensure they comply with legislation.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Dark brown to black.
Appearance	: Liquid.
Odour	: characteristic.
Odour threshold	: Not available
Melting point	: Not available
Crystallization temperature	: Not available
Freezing point	: Not available
Boiling point	: Not available
Flammability	: Not available
Oxidising properties	: No data available
Explosive properties	: No data available
Explosive limits	: Not available
Lower explosion limit	: Not available
Upper explosion limit	: Not available
Flash point	: Not available
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
pH	: Not available
Viscosity, kinematic	: Not available
Solubility	: Water: completely soluble.
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: Not available
Vapour pressure at 50°C	: Not available
Density	: Not available
Relative density	: Not available
Relative vapour density at 20°C	: Not available

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SECTION 9: Physical and chemical properties (continued)

9.1. Information on basic physical and chemical properties (continued)

Particle size characteristics : Not applicable

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is stable at normal handling and storage conditions.

10.2. Chemical stability

The product is stable at normal handling and storage conditions. May sediment slightly after some time.

10.3. Possibility of hazardous reactions

No dangerous reactions known.

10.4. Conditions to avoid

Avoid high temperatures. Keep out of frost.

10.5. Incompatible materials

Keep substance away from: acids, oxidizing agents.

10.6. Hazardous decomposition products

See Section 5.

SECTION 11: Toxicological information

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

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified
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

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

Adverse health effects caused by endocrine disrupting properties : The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are 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 at a concentration equal to or greater than 0,1 %

11.2.2 Other information

Potential adverse human health effects and symptoms : When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us
Other information : The data are based on the toxicological properties of the components of the product
Information on Effects: refer to section 4

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SECTION 12: Ecological information

12.1. Toxicity

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

12.2. Persistence and degradability

Stim Pure AA Liquid	
Persistence and degradability	Biodegradable.

12.3. Bioaccumulative potential

Stim Pure AA Liquid	
Bioaccumulative potential	Slightly or not bioaccumulative.

12.4. Mobility in soil

Stim Pure AA Liquid	
Ecology - soil	Soluble in water.

12.5. Results of PBT and vPvB assessment

Stim Pure AA Liquid	
This mixture does not meet the PBT criteria or the vPvB criteria of REACH regulation, annex XIII	

12.6. Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties : The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are 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 at a concentration equal to or greater than 0,1 %

12.7. Other adverse effects

Other adverse effects : May cause eutrophication

SECTION 13: Disposal considerations

13.1. Waste treatment methods

European List of Waste (LoW, EC 2000/532) : 02 01 09 - agrochemical waste other than those mentioned in 02 01 08
Depending on branch of industry and production process, also other EURAL codes may be applicable

Regional waste regulation : Disposal must be done according to official regulations.

Waste treatment methods : Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Empty and rinsed containers can be disposed of as non-hazardous material or be returned for recycling.

Product/Packaging disposal recommendations : Do not discharge into drains or the environment. Care should be taken when handling emptied containers that have not been cleaned or rinsed out.

Additional information : Can be considered as non hazardous waste according to Directive 2008/98/EC.

HP Code : Not applicable.

SECTION 14: Transport information

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

14.1. UN number or ID number

UN-No. : Not regulated

14.2. UN proper shipping name

Proper Shipping Name : Not regulated

14.3. Transport hazard class(es)

Transport hazard class(es) : Not regulated

14.4. Packing group

Packing group : Not regulated

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SECTION 14: Transport information (continued)

14.5. Environmental hazards

Dangerous for the environment : No
 Marine pollutant : No
 Other information : No supplementary information available

14.6. Special precautions for user

Not regulated

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

15.1.1. EU-Regulations

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)
 Contains no substance(s) listed on the REACH Candidate List
 Contains no substance(s) listed on REACH Annex XIV (Authorisation List)
 Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)
 Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)
 Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)
 Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)
 Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Directive 2012/18/EU (SEVESO III)

Seveso Additional information : Not classified

15.1.2. National regulations

Ensure that all national/local regulations are observed

15.2. Chemical safety assessment

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

SECTION 16: Other information

A safety data sheet is not required for this product under Article 31 of REACH. This Product Safety Information Sheet has been created on a voluntary basis.

Indication of changes:			
Refer table below.			
Section	Changed item	Change	Comments
2.3	Other hazards not contributing to the classification	Removed	
3.2	Composition/information on ingredients	Removed	Urea
4.2	Symptoms/effects	Modified	
7.2	Prohibitions on mixed storage	Removed	Halogens
10	Reactivity	Removed	Halogens
13.1	HP Code	Added	

Data sources : ECHA Website: Information on Registered Substances.
 Information from suppliers.
 Test information.

Training advice : Before using/handling the product one must carefully read the MSDS.

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SECTION 16: Other information (continued)

Abbreviations and acronyms:	
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
PBT	Persistent Bioaccumulative Toxic
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
vPvB	Very Persistent and Very Bioaccumulative

Company disclaimer

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 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 proceed, unless specified in the text.