# Vinyl Acetate Monomer (VAM)

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878
Issue date: 12/17/2019 Revision date: 11/12/2025 Supersedes version of: 3/21/2024 Version: 3.0

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

### 1.1. Product identifier

| | | |
|---|---|---|
| Product form | : | Substance |
| Substance name | : | Vinyl Acetate Monomer (VAM) |
| Chemical name | : | Vinyl acetate ; Ethenyl acetate |
| EC Index-No. | : | 607-023-00-0 |
| EC Number | : | 203-545-4 |
| CAS Number | : | 108-05-4 |
| Formula | : | C4H6O2 |

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

#### Relevant identified uses

| | | |
|---|---|---|
| Main use category | : | Industrial use |
| Use of the substance/mixture | : | Paint ındustry<br>coatings<br>Textile industry<br>Adhesives, binding agents |

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

**Supplier**
Aktaş Dış Ticaret A.Ş.
Kısıklı Mahalesi Incir Sokak No: 6/2 6/2
34692 Istanbul
Türkiye
T 0216 524 12 12, F 0216 524 12 13
info@aktasdis.com , www.aktasdis.com

### 1.4. Emergency telephone number

| | | |
|---|---|---|
| Emergency number | : | 0216 524 12 12 |

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

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

| | |
|---|---|
| Flammable liquids, Category 2 | H225 |
| Acute toxicity (inhal.), Category 4 | H332 |
| Carcinogenicity, Category 2 | H351 |
| Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation | H335 |

Full text of H- and EUH-statements: see section 16

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

Highly flammable liquid and vapour. Suspected of causing cancer. Harmful if inhaled. May cause respiratory irritation.

### 2.2. Label elements

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

Hazard pictograms (CLP) :

GHS02 GHS07 GHS08

Signal word (CLP) : Danger

| | | |
|---|---|---|
| Hazard statements (CLP) | : | H225 - Highly flammable liquid and vapour.<br>H332 - Harmful if inhaled.<br>H335 - May cause respiratory irritation.<br>H351 - Suspected of causing cancer. |
| Precautionary statements (CLP) | : | P201 - Obtain special instructions before use.<br>P202 - Do not handle until all safety precautions have been read and understood.<br>P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.<br>P233 - Keep container tightly closed.<br>P240 - Ground and bond container and receiving equipment.<br>P241 - Use explosion-proof electrical/ventilating/lighting equipment. |
| Extra phrases | : | For professional users only. |

### 2.3. Other hazards

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

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

| | | |
|---|---|---|
| Substance type | : | Mono-constituent |
| Name | : | Vinyl Acetate Monomer (VAM) |
| CAS Number | : | 108-05-4 |
| EC Number | : | 203-545-4 |
| EC Index-No. | : | 607-023-00-0 |

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|---|---|---|---|
| vinyl acetate | CAS Number: 108-05-4<br>EC Number: 203-545-4<br>EC Index-No.: 607-023-00-0 | | Flam. Liq. 2, H225<br>Carc. 2, H351<br>Acute Tox. 4 (Inhalation), H332<br>STOT SE 3, H335 |

Full text of H- and EUH-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

| | | |
|---|---|---|
| First-aid measures general | : | IF exposed or concerned: Get medical advice/attention. Call a poison center or a doctor if you feel unwell. |
| First-aid measures after inhalation | : | Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell. |
| First-aid measures after skin contact | : | Rinse skin with water/shower. Take off immediately all contaminated clothing. |
| First-aid measures after eye contact | : | Rinse eyes with water as a precaution. |
| First-aid measures after ingestion | : | Call a poison center or a doctor if you feel unwell. |

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

| | | |
|---|---|---|
| Symptoms/effects after inhalation | : | May cause respiratory irritation. |
| Symptoms/effects after skin contact | : | None under normal conditions. |
| Symptoms/effects after eye contact | : | None under normal conditions. |
| Symptoms/effects after ingestion | : | None under normal conditions. |

### 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.
Unsuitable extinguishing media : Strong water jet.

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

Fire hazard : Highly flammable liquid and vapour.
Explosion hazard : No direct explosion hazard.
Reactivity in case of fire : At high temperature may liberate dangerous gases.
Hazardous decomposition products in case of fire : Toxic fumes may be released.

### 5.3. Advice for firefighters

Firefighting instructions : Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.
Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6: Accidental release measures

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

General measures : No open flames. No smoking. Use special care to avoid static electric charges. Eliminate every possible source of ignition. Access forbidden to unauthorised personnel. Use protective clothing. Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage.

#### For non-emergency personnel

Protective equipment : Wear suitable protective clothing.
Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid breathing dust/fume/gas/mist/vapours/spray.
Measures in case of dust release : In case of dust production: protective goggles. Dust mask.

#### 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".
Emergency procedures : Avoid contact with skin and eyes. Do not touch spilled material. Evacuate unnecessary personnel. Keep away from combustible material. Keep public away from danger area. Prevent from entering sewers, basements and workpits, or any place where its accumulation can be dangerous. Ventilate area. Stop leak if safe to do so.

### 6.2. Environmental precautions

Avoid release to the environment. Do not allow to enter drains or water courses.

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

For containment : Comply with the safety intructions. Soak up with inert absorbent material (for example sand, sawdust, a universal binder, silica gel). Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak without risks if possible.
Methods for cleaning up : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.
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

| | | |
|---|---|---|
| Additional hazards when processed | : | Use adequate ventilation to keep vapour concentrations below applicable standard. |
| Precautions for safe handling | : | Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapours may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray. |
| Hygiene measures | : | 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 | : | Ground/bond container and receiving equipment. Comply with applicable regulations. |
| Storage conditions | : | Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up. |
| Incompatible materials | : | Extremely high or low temperatures. |
| Heat and ignition sources | : | Do not smoke. KEEP SUBSTANCE AWAY FROM: ignition sources. heat sources. |
| Information on mixed storage | : | Keep away from food, drink and animal feeding stuffs. |
| Storage area | : | Avoid: Extremely high or low temperatures. Heat and ignition sources. |
| Packaging materials | : | Store always product in container of same material as original container. |

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

**National occupational exposure and biological limit values**

| Vinyl Acetate Monomer (VAM) (108-05-4) | |
|---|---|
| **EU - Indicative Occupational Exposure Limit (IOEL)** | |
| Local name | Vinyl acetate |
| IOEL TWA | 17.6 mg/m³ |
| | 5 ppm |
| IOEL STEL | 35.2 mg/m³ |
| | 10 ppm |
| Regulatory reference | COMMISSION DIRECTIVE 2009/161/EU |

**DNEL and PNEC**

| Vinyl Acetate Monomer (VAM) (108-05-4) | |
|---|---|
| **DNEL/DMEL (Workers)** | |
| Acute - systemic effects, inhalation | 35.2 mg/m³ |
| Acute - local effects, inhalation | 35.2 mg/m³ |
| Long-term - systemic effects, dermal | 0.42 mg/kg bodyweight/day |
| Long-term - systemic effects, inhalation | 17.6 mg/m³ |
| Long-term - local effects, inhalation | 17.6 mg/m³ |
| **PNEC (Water)** | |
| PNEC aqua (freshwater) | 0.016 mg/l |

| Vinyl Acetate Monomer (VAM) (108-05-4) | |
|---|---|
| PNEC aqua (marine water) | 0.0016 mg/l |
| PNEC aqua (intermittent, freshwater) | 0.126 mg/l |
| **PNEC (Sediment)** | |
| PNEC sediment (freshwater) | 0.067 mg/kg dwt |
| PNEC sediment (marine water) | 0.0067 mg/kg dwt |
| **PNEC (Soil)** | |
| PNEC soil | 0.0035 mg/kg dwt |
| **PNEC (STP)** | |
| PNEC sewage treatment plant | 6 mg/l |

## 8.2. Exposure controls

### Appropriate engineering controls

**Appropriate engineering controls:**
Ensure good ventilation of the work station.

### Personal protection equipment

**Personal protective equipment:**
Heatproof clothing. Face shield. Insulated gloves. Dust/aerosol mask with filter type P1.
**Personal protective equipment symbol(s):**

### Eye and face protection

**Eye protection:**
Safety glasses. ISO 16321-1. Where excessive dust may result, wear goggles. Safety glasses

### Skin protection

**Skin and body protection:**
Wear suitable protective clothing. In case of dust production: dustproof clothing. In case of dust production: head/neck protection. Where contact with eyes or skin is likely, wear suitable protection

**Hand protection:**
Protective gloves. ISO 374-1

### Respiratory protection

**Respiratory protection:**
In case of insufficient ventilation, wear suitable respiratory equipment. Dust production: dust mask with filter type P1. Where excessive vapour may result, wear approved mask. [In case of inadequate ventilation] wear respiratory protection.

### Environmental exposure controls

**Environmental exposure controls:**
Avoid release to the environment.
**Consumer exposure controls:**
Do not eat, drink or smoke during use. Always wash hands after handling the product. Avoid contact with skin and eyes. Avoid contact during pregnancy/while nursing.

# SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

| | | |
|---|---|---|
| Physical state | : | Liquid |
| Colour | : | Colourless. |
| Molecular mass | : | 86.09 g/mol Source: HSDB |

| | | |
|---|---|---|
| Odour | : | Sweet. |
| Odour threshold | : | Not available |
| Melting point | : | -93 °C |
| Freezing point | : | Not available |
| Boiling point | : | 72.7 °C Source: ICSC |
| Flammability | : | Not applicable,Highly flammable liquid and vapour. |
| Explosive properties | : | |
| Lower explosion limit | : | Not available |
| Upper explosion limit | : | 2.6 – 13.4 % Source: ICSC |
| Flash point | : | -8 °C Source: ICSC |
| Auto-ignition temperature | : | 385 °C Source: ICSC |
| Decomposition temperature | : | Not available |
| pH | : | 7 |
| Viscosity, kinematic | : | 0.462 mm²/s |
| Viscosity, dynamic | : | 0.43 cP Source: HSDB |
| Solubility | : | Water: 20 g/l at 20°C Source: ECHA |
| Partition coefficient n-octanol/water (Log Kow) | : | Not available |
| Partition coefficient n-octanol/water (Log Pow) | : | 0.93 Source: ICSC |
| Vapour pressure | : | 11.7 kPa at 20°C Source: ICSC |
| Vapour pressure at 50°C | : | 426 hPa |
| Density | : | 0.93 g/cm³ Type: 'density' Temp.: 20 °C |
| Relative density | : | 0.9 Source: ICSC |
| Relative vapour density at 20°C | : | 3 Source: ICSC |
| Particle characteristics | : | Not applicable |

### 9.2. Other information

#### Other safety characteristics

| | | |
|---|---|---|
| Relative evaporation rate (butylacetate=1) | : | 8.9 Source: HSDB |
| Other properties | : | |

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Highly flammable liquid and vapour.

### 10.2. Chemical stability

Light and moisturer sensitive. Heating may cause a fire or explosion.

### 10.3. Possibility of hazardous reactions

No additional information available

### 10.4. Conditions to avoid

Heat. Light and moisturer sensitive. Avoid contact with hot surfaces. No flames, no sparks. Eliminate all sources of ignition.

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Peroxides.

## 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) | : | Harmful if inhaled. |

| Vinyl Acetate Monomer (VAM) (108-05-4) | |
|---|---|
| LD50 oral rat | 3470 mg/kg Source: ECHA |
| LD50 dermal rabbit | 2335 mg/kg Source: ChemIDPlus |
| LC50 Inhalation - Rat (Vapours) | 14.084 mg/l Source: ECHA |

Skin corrosion/irritation : Not classified
pH: 7

Serious eye damage/irritation : Not classified
pH: 7

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Suspected of causing cancer.

| Vinyl Acetate Monomer (VAM) (108-05-4) | |
|---|---|
| IARC group | 2B - Possibly carcinogenic to humans |

Reproductive toxicity : Not classified

STOT-single exposure : May cause respiratory irritation.

| vinyl acetate (108-05-4) | |
|---|---|
| STOT-single exposure | May cause respiratory irritation. |

STOT-repeated exposure : Not classified

| Vinyl Acetate Monomer (VAM) (108-05-4) | |
|---|---|
| NOAEL (subchronic, oral, animal/male, 90 days) | 285 mg/kg bodyweight Animal: mouse, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents) |
| NOAEL (subchronic, oral, animal/female, 90 days) | 281 mg/kg bodyweight Animal: mouse, Animal sex: female, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents) |

Aspiration hazard : Not classified

| Vinyl Acetate Monomer (VAM) (108-05-4) | |
|---|---|
| Viscosity, kinematic | 0.462 mm²/s |

### 11.2. Information on other hazards

No additional information available

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Hazardous to the aquatic environment, short–term (acute) : Not classified

Hazardous to the aquatic environment, long–term (chronic) : Not classified

| Vinyl Acetate Monomer (VAM) (108-05-4) | |
|---|---|
| LC50 - Fish [1] | 14 mg/l |
| LC50 - Other aquatic organisms [1] | 330 mg/l |
| EC50 - Crustacea [1] | 12.6 mg/l Source: ECHA |
| EC50 72h - Algae [1] | 8.81 mg/l Source: ECHA |
| NOEC chronic fish | 0.551 mg/l Test organisms (species): Pimephales promelas Duration: '34 d' |

### 12.2. Persistence and degradability

| Vinyl Acetate Monomer (VAM) (108-05-4) | |
|---|---|
| Persistence and degradability | |

| vinyl acetate (108-05-4) | |
|---|---|
| Persistence and degradability | Not rapidly degradable |

### 12.3. Bioaccumulative potential

| Vinyl Acetate Monomer (VAM) (108-05-4) | |
|---|---|
| Partition coefficient n-octanol/water (Log Pow) | 0.93 Source: ICSC |
| Bioaccumulative potential | |

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Endocrine disrupting properties

No additional information available

### 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 Management Regulation published in the Official Journal numbered 29314 on April 2, 2015. Regulation on Incineration of Waste Materials published in the Official Journal numbered 27721 on October 6, 2010.

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

Sewage disposal recommendations : Disposal must be done according to official regulations.

Product/Packaging disposal recommendations : Disposal must be done according to official regulations.

Additional information : Flammable vapours may accumulate in the container. Do not re-use empty containers.

HP Code : HP3 - "Flammable:"
– flammable liquid waste: liquid waste having a flash point below 60 °C or waste gas oil, diesel and light heating oils having a flash point > 55 °C and ≤ 75 °C;
– flammable pyrophoric liquid and solid waste: solid or liquid waste which, even in small quantities, is liable to ignite within five minutes after coming into contact with air;
– flammable solid waste: solid waste which is readily combustible or may cause or contribute to fire through friction;
– flammable gaseous waste: gaseous waste which is flammable in air at 20 °C and a standard pressure of 101.3 kPa;
– water reactive waste: waste which, in contact with water, emits flammable gases in dangerous quantities;
– other flammable waste: flammable aerosols, flammable self-heating waste, flammable organic peroxides and flammable self-reactive waste.
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.
HP7 - "Carcinogenic:" waste which induces cancer or increases its incidence

## SECTION 14: Transport information

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

| ADR | IMDG | IATA | ADN | RID |
|---|---|---|---|---|
| **14.1. UN number or ID number** | | | | |
| UN 1301 | UN 1301 | UN 1301 | UN 1301 | UN 1301 |
| **14.2. UN proper shipping name** | | | | |
| VINYL ACETATE, STABILIZED | VINYL ACETATE, STABILIZED | Vinyl acetate, stabilized | VINYL ACETATE, STABILIZED | VINYL ACETATE, STABILIZED |
| **Transport document description** | | | | |
| UN 1301 VINYL ACETATE, STABILIZED, 3, II, (D/E) | UN 1301 VINYL ACETATE, STABILIZED, 3, II (-8°C c.c.) | UN 1301 Vinyl acetate, stabilized, 3, II | UN 1301 VINYL ACETATE, STABILIZED, 3, II | UN 1301 VINYL ACETATE, STABILIZED, 3, II |
| **14.3. Transport hazard class(es)** | | | | |
| 3 | 3 | 3 | 3 | 3 |
|  |  |  |  |  |
| **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<br>EmS-No. (Fire): F-E<br>EmS-No. (Spillage): S-D | 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) | : | F1 |
| Special provisions (ADR) | : | 386, 676 |
| Limited quantities (ADR) | : | 1l |
| Excepted quantities (ADR) | : | E2 |
| Packing instructions (ADR) | : | P001, IBC02, R001 |
| Mixed packing provisions (ADR) | : | MP19 |
| Portable tank and bulk container instructions (ADR) | : | T4 |
| Portable tank and bulk container special provisions (ADR) | : | TP1 |
| Tank code (ADR) | : | LGBF |
| Vehicle for tank carriage | : | FL |
| Transport category (ADR) | : | 2 |
| Special provisions for carriage - Packages (ADR) | : | V8 |
| Special provisions for carriage - Operation (ADR) | : | S2, S4, S20 |
| Hazard identification number (Kemler No.) | : | 339 |
| Orange plates | : |  |
| Tunnel restriction code (ADR) | : | D/E |

### Transport by sea

| | | |
|---|---|---|
| Special provisions (IMDG) | : | 386 |
| Limited quantities (IMDG) | : | 1 L |
| Excepted quantities (IMDG) | : | E2 |
| Packing instructions (IMDG) | : | P001 |
| IBC packing instructions (IMDG) | : | IBC02 |
| Tank instructions (IMDG) | : | T4 |
| Tank special provisions (IMDG) | : | TP1 |
| Stowage category (IMDG) | : | C |
| Stowage and handling (IMDG) | : | SW1 |
| Flash point (IMDG) | : | -8°C c.c. |
| Properties and observations (IMDG) | : | Colourless to light yellow liquid. Flashpoint: -8°C c.c. Explosive limits: 2.6% to 14%. Immiscible with water. |

### Air transport

| | | |
|---|---|---|
| PCA Excepted quantities (IATA) | : | E2 |
| PCA Limited quantities (IATA) | : | Y341 |
| PCA limited quantity max net quantity (IATA) | : | 1L |
| PCA packing instructions (IATA) | : | 353 |
| PCA max net quantity (IATA) | : | 5L |
| CAO packing instructions (IATA) | : | 364 |
| CAO max net quantity (IATA) | : | 60L |
| Special provisions (IATA) | : | A209 |
| ERG code (IATA) | : | 3H |

### Inland waterway transport

| | | |
|---|---|---|
| Classification code (ADN) | : | F1 |
| Special provisions (ADN) | : | 386, 676 |
| Limited quantities (ADN) | : | 1 L |
| Excepted quantities (ADN) | : | E2 |
| Carriage permitted (ADN) | : | T |
| Equipment required (ADN) | : | PP, EX, A |
| Ventilation (ADN) | : | VE01 |
| Number of blue cones/lights (ADN) | : | 1 |

### Rail transport

| | | |
|---|---|---|
| Classification code (RID) | : | F1 |
| Special provisions (RID) | : | 386, 676 |
| Limited quantities (RID) | : | 1L |
| Excepted quantities (RID) | : | E2 |
| Packing instructions (RID) | : | P001, IBC02, R001 |
| Mixed packing provisions (RID) | : | MP19 |
| Portable tank and bulk container instructions (RID) | : | T4 |
| Portable tank and bulk container special provisions (RID) | : | TP1 |
| Tank codes for RID tanks (RID) | : | LGBF |
| Transport category (RID) | : | 2 |
| Colis express (express parcels) (RID) | : | CE7 |
| Hazard identification number (RID) | : | 339 |

## 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)**

| EU restriction list (REACH Annex XVII) | |
|---|---|
| **Reference code** | **Applicable on** |
| 3(a) | Vinyl Acetate Monomer (VAM) ; vinyl acetate |
| 3(b) | Vinyl Acetate Monomer (VAM) ; vinyl acetate |
| 40. | Vinyl Acetate Monomer (VAM) ; vinyl acetate |

**REACH Annex XIV (Authorisation List)**

Not listed on REACH Annex XIV (Authorisation List)

**REACH Candidate List (SVHC)**

Contains no substance(s) listed on the REACH Candidate List

**PIC Regulation (Prior Informed Consent)**

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

**POP Regulation (Persistent Organic Pollutants)**

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

**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**

Contains no substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

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

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

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

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)

**National regulations**

**Germany**

Water hazard class (WGK) : WGK 2, Significantly hazardous to water (Classification according to AwSV; ID No. 203).

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

| 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 |
| ATE | Acute Toxicity Estimate |
| BCF | Bioconcentration factor |
| DMEL | Derived Minimal Effect level |
| DNEL | Derived-No Effect Level |

| Abbreviations and acronyms: | |
|---|---|
| EC50 | Median effective concentration |
| IARC | International Agency for Research on Cancer |
| IATA | International Air Transport Association |
| IMDG | International Maritime Dangerous Goods |
| LC50 | Median lethal concentration |
| LD50 | Median lethal dose |
| LOAEL | Lowest Observed Adverse Effect Level |
| NOAEC | No-Observed Adverse Effect Concentration |
| NOAEL | No-Observed Adverse Effect Level |
| NOEC | No-Observed Effect Concentration |
| OECD | Organisation for Economic Co-operation and Development |
| PBT | Persistent Bioaccumulative Toxic |
| PNEC | Predicted No-Effect Concentration |
| RID | Regulations concerning the International Carriage of Dangerous Goods by Rail |
| SDS | Safety Data Sheet |
| STP | Sewage treatment plant |
| TLM | Median Tolerance Limit |
| vPvB | Very Persistent and Very Bioaccumulative |
| BLV | Biological limit value |
| BOD | Biochemical oxygen demand (BOD) |
| COD | Chemical oxygen demand (COD) |
| EC Number | European Community number |
| EN | European Standard |
| OEL | Occupational Exposure Limit |
| ThOD | Theoretical oxygen demand (ThOD) |
| VOC | Volatile Organic Compounds |
| CAS Number | Chemical Abstract Service number |
| N.O.S. | Not Otherwise Specified |
| ED | Endocrine disruptor |

Data sources : Classification according to Classification, Labelling and Packaging of Substances and Mixtures (SEA) Regulation published in the Official Journal numbered 28848 on December 11, 2013. ECHA (European Chemicals Agency). Supplier's safety documents.

Other information : DISCLAIMER OF LIABILITY The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

| Full text of H- and EUH-statements: | |
|---|---|
| Acute Tox. 4 (Inhalation) | Acute toxicity (inhal.), Category 4 |
| Carc. 2 | Carcinogenicity, Category 2 |
| Flam. Liq. 2 | Flammable liquids, Category 2 |
| STOT SE 3 | Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation |
| H225 | Highly flammable liquid and vapour. |
| H332 | Harmful if inhaled. |
| H335 | May cause respiratory irritation. |
| H351 | Suspected of causing cancer. |

The classification complies with : ATP 12

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.