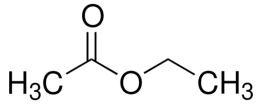
# ETHYL ACETATE BIOBASED-AR/ACS

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878
Issue date: 10/22/2026 Version: 1.0

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

### 1.1. Product identifier

| | | |
|---|---|---|
| Product form | : | Substance |
| Trade name | : | ETHYL ACETATE BIOBASED-AR/ACS |
| IUPAC name | : | Ethyl ethanoate |
| EC Index-No. | : | 607-022-00-5 |
| EC-No. | : | 205-500-4 |
| CAS-No. | : | 141-78-6 |
| Product code | : | 0138A |
| Type of product | : | Esters |
| Formula | : | C4H8O2 |
| Chemical structure | : |  |
| Synonyms | : | Acetic ether, Ethyl ester of acetic acid, Vinegar naphtha, Acetoxyethane |

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

#### Relevant identified uses

| | | |
|---|---|---|
| Use of the substance/mixture | : | Solvents<br>Laboratory chemicals<br>Manufacture of substances |

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

LOBA CHEMIE PVT.LTD.
107 Wode House Road, Jehangir Villa, Colaba
400005 Mumbai
INDIA
T +91 22 6663 6663, F +91 22 6663 6699
info@lobachemie.com, www.lobachemie.com

### 1.4. Emergency telephone number

| | | |
|---|---|---|
| Emergency number | : | + 91 22 6663 6663 (9:00am - 6:00 pm) |

## 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 |
| Serious eye damage/eye irritation, Category 2 | H319 |
| Specific target organ toxicity – Single exposure, Category 3, Narcosis | H336 |

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

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

Highly flammable liquid and vapour. May cause drowsiness or dizziness. Causes serious eye irritation.

### 2.2. Label elements

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

Hazard pictograms (CLP) :



GHS02 GHS07

| | | |
|---|---|---|
| Signal word (CLP) | : | Danger |
| Hazard statements (CLP) | : | H225 - Highly flammable liquid and vapour.<br>H319 - Causes serious eye irritation.<br>H336 - May cause drowsiness or dizziness. |
| Precautionary statements (CLP) | : | P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.<br>P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.<br>P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| EUH-statements | : | EUH066 - Repeated exposure may cause skin dryness or cracking. |

### 2.3. Other hazards

No additional information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Substance type : Mono-constituent

| Name | Product identifier | % |
|---|---|---|
| ETHYL ACETATE | CAS-No.: 141-78-6<br>EC-No.: 205-500-4<br>EC Index-No.: 607-022-00-5 | 100 |

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

| | | |
|---|---|---|
| First-aid measures general | : | 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. |
| First-aid measures after skin contact | : | Rinse skin with water/shower. Take off immediately all contaminated clothing. |
| First-aid measures after eye contact | : | Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. |
| First-aid measures after ingestion | : | Call a poison center or a doctor if you feel unwell. |
| Self protection of the first-aider | : | First aid workers will be equipped with suitable personal protective equipment. |

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

| | | |
|---|---|---|
| Symptoms/effects | : | May cause drowsiness or dizziness. |
| Symptoms/effects after inhalation | : | None under normal conditions. |
| Symptoms/effects after skin contact | : | Repeated exposure may cause skin dryness or cracking. |
| Symptoms/effects after eye contact | : | Eye irritation. |
| 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 | : | Do not use a heavy water stream. |

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

| | | |
|---|---|---|
| Fire hazard | : | Highly flammable liquid and vapour. |
| Explosion hazard | : | No direct explosion hazard. |

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 : 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 recommended personal protective equipment.

Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes.

#### 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 : Evacuate unnecessary personnel. Stop leak if safe to do so.

### 6.2. Environmental precautions

Avoid release to the environment.

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

For containment : Absorb spilled material with sand or earth. 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 : Not expected to present a significant hazard under anticipated conditions of normal use.

Precautions for safe handling : 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. Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes.

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.

Storage conditions : Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.

Packaging materials : Always store product in container of same material as original container.

#### Switzerland

Storage class (LK) : LK 3 - Flammable liquids

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

### 8.2. Exposure controls

#### Appropriate engineering controls

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

#### Personal protection equipment

**Personal protective equipment:**
Wear recommended personal protective equipment.
**Personal protective equipment symbol(s):**



#### Eye and face protection

**Eye protection:**
Chemical goggles or safety glasses

#### Skin protection

**Skin and body protection:**
Wear a mask

**Hand protection:**
Protective gloves

#### Respiratory protection

**Respiratory protection:**
Wear appropriate mask

#### Environmental exposure controls

**Environmental exposure controls:**
Avoid release to the environment.

## SECTION 9: Physical and chemical properties

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

| | | |
|---|---|---|
| Physical state | : | Liquid |
| Colour | : | Colourless. |
| Appearance | : | Clear liquid. |
| Molecular mass | : | 88.11 g/mol |
| Odour | : | Fruity. |
| Odour threshold | : | 50 ppm |
| Melting point | : | Not applicable |
| Freezing point | : | -83 °C |
| Boiling point | : | 77 °C |
| Flammability | : | Highly flammable liquid and vapour. |
| Lower explosion limit | : | 2 Vol-% |
| Upper explosion limit | : | 11.5 Vol-% |
| Flash point | : | -4 °C |
| Auto-ignition temperature | : | Not available |

| | | |
|---|---|---|
| Decomposition temperature | : | 426 °C |
| pH | : | Not available |
| Viscosity, kinematic | : | Not available |
| Solubility | : | Water: 8.3 g/100ml at 20°C |
| Partition coefficient n-octanol/water (Log Kow) | : | 0.73 - Bioaccumulation is not expected., (Lit.) |
| Vapour pressure | : | 76 mm Hg at 20°C |
| Vapour pressure at 50°C | : | Not available |
| Density | : | 0.902 g/cm³ at 20°C |
| Relative density | : | Not available |
| Relative vapour density at 20°C | : | 3.04 (Air= 1) |
| Particle characteristics | : | Not applicable |

### 9.2. Other information

#### Other safety characteristics

| | | |
|---|---|---|
| Relative evaporation rate (butylacetate=1) | : | 6 |

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Highly flammable liquid and vapour.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

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

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## 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 | : | Causes serious eye irritation. |
| Respiratory or skin sensitisation | : | Not classified |
| Germ cell mutagenicity | : | Not classified |
| Carcinogenicity | : | Not classified |
| Reproductive toxicity | : | Not classified |
| STOT-single exposure | : | May cause drowsiness or dizziness. |
| STOT-repeated exposure | : | Not classified |
| Aspiration hazard | : | Not classified |

### 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

### 12.2. Persistence and degradability

| ETHYL ACETATE BIOBASED-AR/ACS (141-78-6) | |
|---|---|
| Persistence and degradability | Rapidly degradable |

### 12.3. Bioaccumulative potential

| ETHYL ACETATE BIOBASED-AR/ACS (141-78-6) | |
|---|---|
| Partition coefficient n-octanol/water (Log Kow) | 0.73 - Bioaccumulation is not expected., (Lit.) |

### 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 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.

## SECTION 14: Transport information

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

### 14.1. UN number or ID number

UN-No. (ADR) : UN 1173

UN-No. (IMDG) : UN 1173

UN-No. (IATA) : UN 1173

UN-No. (ADN) : UN 1173

UN-No. (RID) : UN 1173

### 14.2. UN proper shipping name

Proper Shipping Name (ADR) : ETHYL ACETATE

Proper Shipping Name (IMDG) : ETHYL ACETATE

| | | |
|---|---|---|
| Proper Shipping Name (IATA) | : | Ethyl acetate |
| Proper Shipping Name (ADN) | : | ETHYL ACETATE |
| Proper Shipping Name (RID) | : | ETHYL ACETATE |
| Transport document description (ADR) (ADR) | : | UN 1173 ETHYL ACETATE, 3, II, (D/E) |
| Transport document description (IMDG) | : | UN 1173 ETHYL ACETATE, 3, II (-4°C c.c.) |
| Transport document description (IATA) | : | UN 1173 Ethyl acetate, 3, II |
| Transport document description (ADN) | : | UN 1173 ETHYL ACETATE, 3, II |
| Transport document description (RID) | : | UN 1173 ETHYL ACETATE, 3, II |

## 14.3. Transport hazard class(es)

### ADR

Transport hazard class(es) (ADR) : 3

Danger labels (ADR) : 3

:




### IMDG

Transport hazard class(es) (IMDG) : 3

Danger labels (IMDG) : 3

:




### IATA

Transport hazard class(es) (IATA) : 3

Danger labels (IATA) : 3

:




### ADN

Transport hazard class(es) (ADN) : 3

Danger labels (ADN) : 3

:




### RID

Transport hazard class(es) (RID) : 3

Danger labels (RID) : 3

:




## 14.4. Packing group

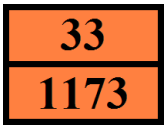
| | | |
|---|---|---|
| Packing group (ADR) | : | II |
| Packing group (IMDG) | : | II |
| Packing group (IATA) | : | II |
| Packing group (ADN) | : | II |
| Packing group (RID) | : | II |

## 14.5. Environmental hazards

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

## 14.6. Special precautions for user

### Overland transport

| | | |
|---|---|---|
| Classification code (ADR) | : | F1 |
| 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 - Operation (ADR) | : | S2, S20 |
| Hazard identification number (Kemler No.) | : | 33 |
| Orange plates | : |  |
| Tunnel restriction code (ADR) | : | D/E |
| EAC code | : | •3YE |



### Transport by sea

| | | |
|---|---|---|
| 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) | : | B |
| Flash point (IMDG) | : | -4°C c.c. |
| Properties and observations (IMDG) | : | Colourless liquid with a fragrant odour. Flashpoint: -4°C c.c. Explosive limits: 2.18% to 11.5%. 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 |
| ERG code (IATA) | : | 3L |

### Inland waterway transport

| | | |
|---|---|---|
| Classification code (ADN) | : | F1 |
| 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 |
| 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) | : | 33 |

## 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.

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

Not listed on the Explosives Precursors list (EU)

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

Not listed on the Drug Precursors list (EU)

### National regulations

### Austria

| | | |
|---|---|---|
| Ordinance on Flammable Liquids (VbF) | : | Hazard category 2: Highly flammable (flash point < 23 °C and boiling point > 35 °C. Including motor gasoline). |

### Denmark

| | | |
|---|---|---|
| Classification remarks | : | Emergency management guidelines for the storage of flammable liquids must be followed |

Danish National Regulations : Young people below the age of 18 years are not allowed to use the product
Pregnant/breastfeeding women working with the product must not be in direct contact with it.
If an employee is pregnant or breastfeeding and the person in question uses or is exposed to this product at work, the employer must always carry out a risk assessment of the work. The assessment must both deal with the dangerousness of the impact and its strength and duration. The employer's decision that a pregnant or lactating woman can perform a specific work task must therefore be made in the context of her specific working conditions. See also WEA-Guideline A.1.8-7 on the working environment of pregnant and breastfeeding workers.
Listed or contains substance(s) on the Denmark - Indicative list of organic solvents present in Annex 3.4.1 of the WEA Guidance C.0.1-1: Ethyl Acetate (1994) (141-78-6)

### France

| Occupational diseases | |
|---|---|
| Code | Description |
| RG 84 | Conditions caused by liquid organic solvents for professional use: saturated or unsaturated aliphatic or cyclic liquid hydrocarbons and mixtures thereof; liquid halogenated hydrocarbons; nitrated derivatives of aliphatic hydrocarbons; alcohols; glycols, glycol ethers; ketones; aldehydes; aliphatic and cyclic ethers, including tetrahydrofuran; esters; dimethylformamide and dimethylacetamine; acetonitrile and propionitrile; pyridine; dimethylsulfone and dimethylsulfoxide |

### Germany

Employment restrictions : Observe restrictions according Act on the Protection of Working Mothers (MuSchG).
Observe restrictions according Act on the Protection of Young People in Employment (JArbSchG).
Flammability : Highly flammable liquid and vapour.
Water hazard class (WGK) : WGK 1, Slightly hazardous to water (Classification according to AwSV; ID No. 95).
Major Accidents Ordinance (12. BImSchV) : Is listed in the Major Accidents Ordinance (12. BImSchV)

| Major Accidents Ordinance (12. BImSchV) | | | | |
|---|---|---|---|---|
| Number | Code | Title | Lower-tier | Upper-tier |
| 1.2.5.1 | P5a | Flammable liquids. Flammable liquids of category 1; flammable liquids of category 2 or 3 maintained at a temperature above their boiling point; other liquids with a flash point of ≤ 60 °C maintained at a temperature above their boiling point | 10,000 kg | 50,000 kg |
| 1.2.5.2 | P5b | Flammable liquids. Flammable liquids of category 2 or 3, where special processing conditions such as high pressure or high temperature can lead to the risk of accidents; other liquids with a flash point of ≤ 60 °C, where special processing conditions such as high pressure or high temperature can lead to the risk of accidents | 50,000 kg | 200,000 kg |
| 1.2.5.3 | P5c | Flammable liquids of categories 2 or 3, not covered under P5a and P5b | 5,000,000 kg | 50,000,000 kg |

### Netherlands

SZW List of Carcinogenic Substances : The substance is not listed
SZW List of Mutagenic Substances : The substance is not listed
SZW List of Reprotoxic Substances – Breastfeeding : The substance is not listed
SZW List of Reprotoxic Substances – Fertility : The substance is not listed
SZW List of Reprotoxic Substances – Development : 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)

### Spain

Royal Decree 665/1997 : Is not subject to the Royal Decree 665/1997

## 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

| Abbreviations and acronyms: | |
|---|---|
| ACGIH | American Conference of Governmental Industrial Hygienists |
| 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 |
| BLV | Biological limit value |
| BOD | Biochemical oxygen demand (BOD) |
| CAS-No. | Chemical Abstracts Service number |
| CLP | Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008 |
| COD | Chemical oxygen demand (COD) |
| CSA | Chemical safety assessment |
| DMEL | Derived Minimal Effect level |
| DNEL | Derived-No Effect Level |

| Abbreviations and acronyms: | |
|---|---|
| EC-No. | European Community number |
| EC50 | Median effective concentration |
| ED | Endocrine disruptor |
| EN | European Standard |
| EWC | European waste catalogue |
| 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 |
| Log Kow | Partition coefficient n-octanol/water (Log Kow) |
| Log Pow | Partition coefficient n-octanol/water (Log Pow) |
| MAK | maximum workplace concentration |
| NOAEC | No-Observed Adverse Effect Concentration |
| NOAEL | No-Observed Adverse Effect Level |
| NOEC | No-Observed Effect Concentration |
| N.O.S. | Not Otherwise Specified |
| OECD | Organisation for Economic Co-operation and Development |
| OEL | Occupational Exposure Limit |
| OSHA | Occupational Safety & Health Administration |
| PBT | Persistent Bioaccumulative Toxic |
| PNEC | Predicted No-Effect Concentration |
| PPE | Personal protection equipment |
| RID | Regulations concerning the International Carriage of Dangerous Goods by Rail |
| SDS | Safety Data Sheet |
| STP | Sewage treatment plant |
| TF | Technical function |
| ThOD | Theoretical oxygen demand (ThOD) |
| TLM | Median Tolerance Limit |
| TWA | Time Weighted Average |
| VOC | Volatile Organic Compounds |
| vPvB | Very Persistent and Very Bioaccumulative |
| UFI | Unique Formula Identifier |

| Full text of H- and EUH-statements: | |
|---|---|
| Eye Irrit. 2 | Serious eye damage/eye irritation, Category 2 |
| Flam. Liq. 2 | Flammable liquids, Category 2 |
| STOT SE 3 | Specific target organ toxicity – Single exposure, Category 3, Narcosis |

| Full text of H- and EUH-statements: | |
|---|---|
| H225 | Highly flammable liquid and vapour. |
| H319 | Causes serious eye irritation. |
| H336 | May cause drowsiness or dizziness. |
| EUH066 | Repeated exposure may cause skin dryness or cracking. |

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.