

Conforms to regulation No. 29204, Regulation on Safety Data Sheets regarding the Hazardous Substances and Mixtures

## SAFETY DATA SHEET

A1500-M SEMI-GLOSS BASE BLACK AFNOR 2603

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

#### 1.1 Product identifier

**Product name** : A1500-M SEMI-GLOSS BASE BLACK AFNOR 2603  
**SDS code** : 13862603B

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

| Identified uses   |
|---|
| Paint. Professional use Industrial use<br>Industrial applications, Professional applications. |

**Product use** : Solvent borne coating for exterior use.

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

MAPAERO SAS  
10, Avenue de la Rijole CS30098  
09103 PAMIERS Cedex  
France

**e-mail address of person responsible for this SDS** : PSRA\_PAMIERS@akzonobel.com

**Original preparation date** : 10/1/2022

#### 1.4 Emergency telephone number

##### National advisory body/Poison Center

**Telephone number** : Zehir Danışma Merkezi-UZEM-Ankara- : 114

##### Supplier

**Telephone number** : +33 (0)5 34 01 34 01  
+33 (0)5 61 60 23 30

**Hours of operation** :

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

##### Classification according to regulation SEA: RG.-11/12/2013-28848

Flam. Liq. 3, H226  
Skin Sens. 1, H317  
STOT SE 3, H336  
Aquatic Chronic 3, H412

The product is classified as hazardous according to Regulation SEA: RG.-11/12/2013-28848.

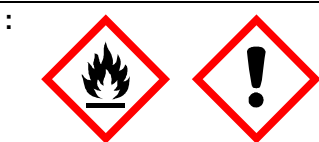
See Section 16 for the full text of the H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

#### 2.2 Label elements

## SECTION 2: Hazards identification

### Hazard pictograms



### Signal word

: Warning

### Hazard statements

: Flammable liquid and vapor.  
May cause an allergic skin reaction.  
May cause drowsiness or dizziness.  
Harmful to aquatic life with long lasting effects.

### Precautionary statements

#### Prevention

: Wear protective gloves. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid release to the environment. Avoid breathing vapor.

#### Response

: INHALED: Call a POISON CENTER or doctor if you feel unwell. Take off contaminated clothing and wash it before reuse. IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice or attention.

#### Storage

: Store in a well-ventilated place. Keep container tightly closed. Keep cool.

#### Disposal

: Dispose of contents and container in accordance with all local, regional, national and international regulations.

### Hazardous ingredients

: ethoxy-1-methylethyl acetate  
n-butyl acetate  
  
Reaction mass of Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate  
  
Hydroxyphenyl-benzotriazole derivatives  
  
Polymeric Benzotriazole

### Supplemental label elements

: Not applicable.

### Special packaging requirements

**Containers to be fitted with child-resistant fastenings** : Not applicable.

**Tactile warning of danger** : Not applicable.

## 2.3 Other hazards

**Product meets the criteria for PBT or vPvB** : This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

**Other hazards which do not result in classification** : None known.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

: Mixture

| Product/ingredient name         | Identifiers  | %         | SEA: RG.-11/12/2013-28848                       | Type    |
|---------------------------------|--|-----------|---|---------|
| -ethoxy-1-methylethyl acetate   | EC: 259-370-9<br>CAS: 54839-24-6<br>Index:<br>603-177-00-8 | ≥10 - ≤25 | Flam. Liq. 3, H226<br>STOT SE 3, H336           | [1]     |
| n-butyl acetate                 | EC: 204-658-1<br>CAS: 123-86-4<br>Index:<br>607-025-00-1   | ≥10 - <20 | Flam. Liq. 3, H226<br>STOT SE 3, H336<br>EUH066 | [1] [2] |
| 2-methoxy-1-methylethyl acetate | EC: 203-603-9<br>CAS: 108-65-6                             | ≤10       | Flam. Liq. 3, H226<br>STOT SE 3, H336           | [1] [2] |
| Reaction mass of                | -  | ≤3        | Flam. Liq. 3, H226                              | [1] [2] |

### SECTION 3: Composition/information on ingredients

|   |                   |    |   |     |
|---|-------------------|----|---|-----|
| ethylbenzene and xylene   |                   |    | Acute Tox. 4, H312<br>Acute Tox. 4, H332<br>Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>STOT SE 3, H335<br>STOT RE 2, H373<br>Asp. Tox. 1, H304<br>Aquatic Chronic 3, H412 |     |
| Reaction mass of Bis (1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate | CAS: 1065336-91-5 | ≤1 | Skin Sens. 1A, H317<br>Repr. 2, H361f<br>Aquatic Acute 1, H400 (M=1)<br>Aquatic Chronic 1, H410 (M=1)   | [1] |
| Hydroxyphenyl-benzotriazole derivatives   | CAS: 104810-48-2  | <1 | Skin Sens. 1, H317<br>Aquatic Chronic 2, H411   | [1] |
| Polymeric Benzotriazole   | CAS: 104810-47-1  | <1 | Skin Sens. 1, H317<br>Aquatic Chronic 2, H411   | [1] |
| <b>See Section 16 for the full text of the H statements declared above.</b>   |                   |    |   |     |

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs or vPvBs or have been assigned a workplace exposure limit and hence require reporting in this section.

#### Type

- [1] Substance classified with a health or environmental hazard  
 [2] Substance with a workplace exposure limit

Occupational exposure limits, if available, are listed in Section 8.

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- Skin contact** : Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion** :  Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. If necessary, call a poison center or physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

## SECTION 4: First aid measures

**Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

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

#### Potential acute health effects

**Eye contact** : No known significant effects or critical hazards.  
**Inhalation** : Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness.  
**Skin contact** : May cause an allergic skin reaction.  
**Ingestion** : Can cause central nervous system (CNS) depression.

#### Over-exposure signs/symptoms

**Eye contact** : No specific data.  
**Inhalation** : Adverse symptoms may include the following:  
nausea or vomiting  
headache  
drowsiness/fatigue  
dizziness/vertigo  
unconsciousness  
**Skin contact** : Adverse symptoms may include the following:  
irritation  
redness  
**Ingestion** : No specific data.

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

**Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.  
**Specific treatments** : No specific treatment.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

**Suitable extinguishing media** : Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam.  
**Unsuitable extinguishing media** : Do not use water jet.

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

**Hazards from the substance or mixture** : Flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. This material is harmful to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.  
**Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide  
metal oxide/oxides

### 5.3 Advice for firefighters

**Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

## SECTION 5: Firefighting measures

- Special protective equipment for fire-fighters** : 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

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

### 6.2 Environmental precautions

- : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities.

### 6.3 Methods and materials for containment and cleaning up

- Small spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product.

### 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

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. Avoid release to the environment. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.

## SECTION 7: Handling and storage

**Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

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

Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

### Seveso Directive - Reporting thresholds

#### Danger criteria

| Category | Notification and MAPP threshold | Safety report threshold |
|----------|---------------------------------|-------------------------|
| P5c      | 5000 tonne                      | 50000 tonne             |

### 7.3 Specific end use(s)

**Recommendations** : Not available.

**Industrial sector specific solutions** : Not available.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational exposure limits

| Product/ingredient name                  | Exposure limit values   |
|--|---|
| n-butyl acetate                          | <b>EU OEL (Europe, 1/2022). Notes: list of indicative occupational exposure limit values</b><br>STEL: 150 ppm 15 minutes.<br>STEL: 723 mg/m <sup>3</sup> 15 minutes.<br>TWA: 241 mg/m <sup>3</sup> 8 hours.<br>TWA: 50 ppm 8 hours. |
| 2-methoxy-1-methylethyl acetate          | <b>TR ISGGM OEL (Turkey, 12/2013). Absorbed through skin.</b><br>TWA: 275 mg/m <sup>3</sup> 8 hours.<br>TWA: 50 ppm 8 hours.<br>STEL: 550 mg/m <sup>3</sup> 15 minutes.<br>STEL: 100 ppm 15 minutes.                                |
| Reaction mass of ethylbenzene and xylene | <b>TR ISGGM OEL (Turkey, 12/2013). Absorbed through skin.</b><br>TWA: 221 mg/m <sup>3</sup> 8 hours.<br>TWA: 50 ppm 8 hours.<br>STEL: 442 mg/m <sup>3</sup> 15 minutes.<br>STEL: 100 ppm 15 minutes.                                |

**Recommended monitoring procedures** : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance



## SECTION 8: Exposure controls/personal protection

documents for methods for the determination of hazardous substances will also be required.

### 8.2 Exposure controls

**Appropriate engineering controls** : Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

#### Individual protection measures

**Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

#### Skin protection

**Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

**Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves. Refer to European Standard EN 1149 for further information on material and design requirements and test methods.

**Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

**Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

## SECTION 9: Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

### 9.1 Information on basic physical and chemical properties

#### Appearance

**Physical state** : Liquid.  
**Color** : Black.  
**Odor** : Characteristic.

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## SECTION 9: Physical and chemical properties

|  |  |
|--|--|
| <b>Odor threshold</b>                          | : Not available.   |
| <b>Melting point/freezing point</b>            | : Not available.   |
| <b>Initial boiling point and boiling range</b> | : Not available.   |
| <b>Flammability</b>                            | : Not available.   |
| <b>Lower and upper explosion limit</b>         | : Not available.   |
| <b>Flash point</b>                             | : <input checked="" type="checkbox"/> Closed cup: 28°C (82.4°F) [Pensky-Martens] |
| <b>Auto-ignition temperature</b>               | :  |

| Ingredient name   | °C         | °F         | Method  |
|---|------------|------------|---------|
| <input checked="" type="checkbox"/> Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics | 280 to 470 | 536 to 878 | EU A.15 |
| 2-ethoxy-1-methylethyl acetate  | 325        | 617        |         |
| Ethene, homopolymer   | 330 to 410 | 626 to 770 |         |
| 2-methoxy-1-methylethyl acetate   | 333        | 631.4      |         |
| n-butyl acetate   | 415        | 779        |         |
| cumene  | 424        | 795.2      |         |
| Reaction mass of ethylbenzene and xylene  | 432        | 809.6      |         |

|                                  |  |
|----------------------------------|--|
| <b>Decomposition temperature</b> | : Not available.   |
| <b>pH</b>                        | : <input checked="" type="checkbox"/> Not available. [DIN EN 1262]   |
| <b>Viscosity</b>                 | : <input checked="" type="checkbox"/> Kinematic (room temperature): 965 mm <sup>2</sup> /s [DIN EN ISO 3219]<br>Kinematic (40°C): 101 mm <sup>2</sup> /s [DIN EN ISO 3219] |
| <b>Solubility(ies)</b>           | :  |

| Media  | Result                      |
|--|-----------------------------|
| <input checked="" type="checkbox"/> Cold water | Not soluble [OESO (TG 105)] |

**Partition coefficient: n-octanol/ water** :  Not applicable.

**Vapor pressure** :

| Ingredient name  | Vapor Pressure at 20°C |            |                | Vapor pressure at 50°C |     |        |
|--|------------------------|------------|----------------|------------------------|-----|--------|
|  | mm Hg                  | kPa        | Method         | mm Hg                  | kPa | Method |
| <input checked="" type="checkbox"/> n-butyl acetate  | 11.25                  | 1.5        | DIN EN 13016-2 |                        |     |        |
| Reaction mass of ethylbenzene and xylene   | 6.7                    | 0.89       |                |                        |     |        |
| cumene   | 3.72                   | 0.5        | EU A.4         |                        |     |        |
| 2-methoxy-1-methylethyl acetate  | 2.7                    | 0.36       |                |                        |     |        |
| 2-ethoxy-1-methylethyl acetate   | 1.52                   | 0.2        |                |                        |     |        |
| Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics                      | 0.75 to 2.25           | 0.1 to 0.3 |                |                        |     |        |
| 2,6-di-tert-butyl-p-cresol   | 0.01                   | 0.0013     |                |                        |     |        |
| Poly(oxy-1,2-ethanediyl), $\alpha$ -hydro- $\omega$ -hydroxy- Ethane-1,2-diol, ethoxylated | 0.0000003              | 0.0000004  |                |                        |     |        |

|                                 |   |
|---------------------------------|---|
| <b>Density</b>                  | : <input checked="" type="checkbox"/> 0.936 g/cm <sup>3</sup> [DIN EN ISO 2811-1] |
| <b>Vapor density</b>            | : <input checked="" type="checkbox"/> Not available.                              |
| <b>Particle characteristics</b> |   |
| <b>Median particle size</b>     | : <input checked="" type="checkbox"/> Not applicable.                             |



## SECTION 10: Stability and reactivity

- 10.1 Reactivity** : No specific test data related to reactivity available for this product or its ingredients.
- 10.2 Chemical stability** : The product is stable.
- 10.3 Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.
- 10.4 Conditions to avoid** : Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition.
- 10.5 Incompatible materials** : Reactive or incompatible with the following materials:  
oxidizing materials
- 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 toxicological effects

#### Acute toxicity

| Product/ingredient name                  | Result                | Species    | Dose               | Exposure |
|--|-----------------------|------------|--------------------|----------|
| n-butyl acetate                          | LC50 Inhalation Gas.  | Rat        | 390 ppm            | 4 hours  |
|  | LC50 Inhalation Vapor | Mouse      | 6 g/m <sup>3</sup> | 2 hours  |
|  | LD50 Dermal           | Rabbit     | >17600 mg/kg       | -        |
|  | LD50 Intraperitoneal  | Mouse      | 1230 mg/kg         | -        |
|  | LD50 Oral             | Guinea pig | 4700 mg/kg         | -        |
|  | LD50 Oral             | Mouse      | 6 g/kg             | -        |
|  | LD50 Oral             | Rabbit     | 3200 mg/kg         | -        |
|  | LD50 Oral             | Rat        | 10768 mg/kg        | -        |
|  | LD50 Oral             | Rat        | 5000 ppm           | 4 hours  |
| Reaction mass of ethylbenzene and xylene | LC50 Inhalation Gas.  | Rat        | 5000 ppm           | 4 hours  |

**Conclusion/Summary** : Not available.

#### Irritation/Corrosion

| Product/ingredient name                  | Result                   | Species | Score | Exposure        | Observation |
|--|--------------------------|---------|-------|-----------------|-------------|
| n-butyl acetate                          | Eyes - Moderate irritant | Rabbit  | -     | 100 mg          | -           |
|  | Skin - Moderate irritant | Rabbit  | -     | 24 hours 500 mg | -           |
| Reaction mass of ethylbenzene and xylene | Eyes - Mild irritant     | Rabbit  | -     | 87 mg           | -           |
|  | Eyes - Severe irritant   | Rabbit  | -     | 24 hours 5 mg   | -           |
|  | Skin - Mild irritant     | Rat     | -     | 8 hours 60 UI   | -           |
|  | Skin - Moderate irritant | Rabbit  | -     | 100 %           | -           |
|  | Skin - Moderate irritant | Rabbit  | -     | 24 hours 500 mg | -           |

**Conclusion/Summary** : Not available.

#### Sensitization

**Conclusion/Summary** : Not available.

#### Mutagenicity

**Conclusion/Summary** : Not available.

#### Carcinogenicity

**Conclusion/Summary** : Not available.

#### Reproductive toxicity

**Conclusion/Summary** : Not available.

## SECTION 11: Toxicological information

### Teratogenicity

Conclusion/Summary : Not available.

### Specific target organ toxicity (single exposure)

| Product/ingredient name                  | Category   | Route of exposure | Target organs                |
|--|------------|-------------------|------------------------------|
| 2-ethoxy-1-methylethyl acetate           | Category 3 | -                 | Narcotic effects             |
| n-butyl acetate                          | Category 3 | -                 | Narcotic effects             |
| 2-methoxy-1-methylethyl acetate          | Category 3 | -                 | Narcotic effects             |
| Reaction mass of ethylbenzene and xylene | Category 3 | -                 | Respiratory tract irritation |

### Specific target organ toxicity (repeated exposure)

| Product/ingredient name                  | Category   | Route of exposure | Target organs |
|--|------------|-------------------|---------------|
| Reaction mass of ethylbenzene and xylene | Category 2 | -                 | -             |

### Aspiration hazard

| Product/ingredient name                  | Result                         |
|--|--------------------------------|
| Reaction mass of ethylbenzene and xylene | ASPIRATION HAZARD - Category 1 |

Information on the likely routes of exposure : Not available.

### Potential acute health effects

**Eye contact** : No known significant effects or critical hazards.

**Inhalation** : Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness.

**Skin contact** : May cause an allergic skin reaction.

**Ingestion** : Can cause central nervous system (CNS) depression.

### Symptoms related to the physical, chemical and toxicological characteristics

**Eye contact** : No specific data.

**Inhalation** : Adverse symptoms may include the following:  
nausea or vomiting  
headache  
drowsiness/fatigue  
dizziness/vertigo  
unconsciousness

**Skin contact** : Adverse symptoms may include the following:  
irritation  
redness

**Ingestion** : No specific data.

### Delayed and immediate effects and also chronic effects from short and long term exposure

#### Short term exposure

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

#### Long term exposure

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

#### Potential chronic health effects

## SECTION 11: Toxicological information

Not available.

|                              |   |
|------------------------------|---|
| <b>Conclusion/Summary</b>    | : Not available.  |
| <b>General</b>               | : Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels. |
| <b>Carcinogenicity</b>       | : No known significant effects or critical hazards.   |
| <b>Mutagenicity</b>          | : No known significant effects or critical hazards.   |
| <b>Reproductive toxicity</b> | : No known significant effects or critical hazards.   |

**Other information** : Not available.

## SECTION 12: Ecological information

### 12.1 Toxicity

| Product/ingredient name   | Result                              | Species                      | Exposure |
|---|-------------------------------------|------------------------------|----------|
| n-butyl acetate<br><br>Reaction mass of ethylbenzene and xylene | Acute LC50 32 mg/l Marine water     | Crustaceans - Artemia salina | 48 hours |
|   | Acute LC50 62000 µg/l Fresh water   | Fish - Danio rerio           | 96 hours |
|   | Acute LC50 100000 µg/l Fresh water  | Fish - Lepomis macrochirus   | 96 hours |
|   | Acute LC50 185000 µg/l Marine water | Fish - Menidia beryllina     | 96 hours |
|   | Acute LC50 18000 µg/l Fresh water   | Fish - Pimephales promelas   | 96 hours |
|   | Acute LC50 13400 µg/l Fresh water   | Fish - Pimephales promelas   | 96 hours |

**Conclusion/Summary** : Not available.

### 12.2 Persistence and degradability

**Conclusion/Summary** : Not available.

### 12.3 Bioaccumulative potential

| Product/ingredient name                  | LogP <sub>ow</sub> | BCF         | Potential |
|--|--------------------|-------------|-----------|
| n-ethoxy-1-methylethyl acetate           | 0.76               | -           | low       |
| n-butyl acetate                          | 2.3                | -           | low       |
| 2-methoxy-1-methylethyl acetate          | 1.2                | -           | low       |
| Reaction mass of ethylbenzene and xylene | 3.12               | 8.1 to 25.9 | low       |

### 12.4 Mobility in soil

**Soil/water partition coefficient (K<sub>oc</sub>)** : Not available.

**Mobility** : Not available.

### 12.5 Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

**12.6 Other adverse effects** : No known significant effects or critical hazards.

## SECTION 13: Disposal considerations

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

Do not allow to enter drains or watercourses.

Dispose of according to all federal, state and local applicable regulations.

If this product is mixed with other wastes, the original waste product code may no longer apply and the appropriate code should be assigned.




For further information, contact your local waste authority.

### 13.1 Waste treatment methods

#### Product

**Methods of Disposal** : The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

## SECTION 14: Transport information

|                                 | ADR/RID  | IMDG   | IATA   |
|---------------------------------|--|--|--|
| 14.1 UN number                  | UN1263   | UN1263   | UN1263   |
| 14.2 UN proper shipping name    | PAINT  | PAINT  | PAINT  |
| 14.3 Transport hazard class(es) | 3<br> | 3<br> | 3<br> |
| 14.4 Packing group              | III  | III  | III  |
| 14.5 Environmental hazards      | No.  | No.  | No.  |

### Additional information

**ADR/RID** : **Viscous liquid exception** This class 3 viscous liquid is not subject to regulation in packagings up to 450 L according to 2.2.3.1.5.1.  
**Tunnel code** (D/E)

**IMDG** : **Emergency schedules** F-E, \_S-E\_  
**Viscous liquid exception** This class 3 viscous liquid is not subject to regulation in packagings up to 450 L according to 2.3.2.5.  
**IMDG Code Segregation group** Not applicable

**14.6 Special precautions for user** : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

**14.7 Transport in bulk according to IMO instruments** : Not available.

## SECTION 15: Regulatory information

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

30105 sayılı, Kimyasalların Kaydı, Değerlendirilmesi, İzni ve Kısıtlanması Hakkında Yönetmelik.  
28733 sayılı, Kimyasal Maddelerle Çalışmalarda Sağlık ve Güvenlik Önlemleri Hakkında Yönetmelik.  
28730 sayılı, Kanserojen ve Mutajen Maddelerle Çalışmalarda Sağlık ve Güvenlik Önlemleri Hakkında Yönetmelik.

6331 sayılı, İş Sağlığı ve Güvenliği Kanunu.

29314 sayılı, Atık Yönetimi Yönetmeliği.

### Seveso Directive

This product is controlled under the Seveso Directive.

### Danger criteria

#### Category

P5c

### Regulation 30105 KKDİK

#### Annex XIV - List of substances subject to authorization

##### Annex XIV

None of the components are listed.

##### Substances of very high concern

None of the components are listed.

**KKDİK, Annex XVII -** : Not applicable.

**Restrictions on the  
Manufacture, Place on  
the Market and Use of  
Certain Hazardous  
Substances, Mixtures  
and Articles**

#### Ozone depleting substances (1005/2009/EU)

Not listed.

#### Prior Informed Consent (PIC) (649/2012/EU)

Not listed.

### National inventory

|                                |  |
|--------------------------------|--|
| <b>Australia</b>               | : Not determined.  |
| <b>Canada</b>                  | : At least one component is not listed in DSL but all such components are listed in NDSL.            |
| <b>China</b>                   | : Not determined.  |
| <b>Eurasian Economic Union</b> | : <b>Russian Federation inventory</b> : Not determined.  |
| <b>Japan</b>                   | : <b>Japan inventory (CSCL)</b> : Not determined.<br><b>Japan inventory (ISHL)</b> : Not determined. |
| <b>New Zealand</b>             | : Not determined.  |
| <b>Philippines</b>             | : Not determined.  |
| <b>Republic of Korea</b>       | : Not determined.  |
| <b>Taiwan</b>                  | : Not determined.  |
| <b>Thailand</b>                | : Not determined.  |
| <b>Turkey</b>                  | : Not determined.  |
| <b>United States</b>           | : <b>All</b> components are active or exempted.  |
| <b>Viet Nam</b>                | : Not determined.  |


## SECTION 16: Other information

 Indicates information that has changed from previously issued version.

### Abbreviations and acronyms

: ATE = Acute Toxicity Estimate  
 EUH statement = SEA-specific Hazard statement  
 N/A = Not available  
 PBT = Persistent, Bioaccumulative and Toxic  
 PNEC = Predicted No Effect Concentration  
 SGG = Segregation Group  
 vPvB = Very Persistent and Very Bioaccumulative

### Procedure used to derive the classification according to regulation SEA: RG.-11/12/2013-28848

| Classification   | Justification   |
|--|---|
|  Flam. Liq. 3, H226<br>Skin Sens. 1, H317<br>STOT SE 3, H336<br>Aquatic Chronic 3, H412 | On basis of test data<br>Calculation method<br>Calculation method<br>Calculation method |

### Full text of abbreviated H statements

|        |  |
|--------|--|
| H226   | Flammable liquid and vapor.  |
| H304   | May be fatal if swallowed and enters airways.                      |
| H312   | Harmful in contact with skin.                                      |
| H315   | Causes skin irritation.  |
| H317   | May cause an allergic skin reaction.                               |
| H319   | Causes serious eye irritation.                                     |
| H332   | Harmful if inhaled.  |
| H335   | May cause respiratory irritation.                                  |
| H336   | May cause drowsiness or dizziness.                                 |
| H361f  | Suspected of damaging fertility.                                   |
| H373   | May cause damage to organs through prolonged or repeated exposure. |
| H400   | Very toxic to aquatic life.  |
| H410   | Very toxic to aquatic life with long lasting effects.              |
| H411   | Toxic to aquatic life with long lasting effects.                   |
| H412   | Harmful to aquatic life with long lasting effects.                 |
| EUH066 | Repeated exposure may cause skin dryness or cracking.              |

### Full text of classifications [CLP/GHS]

|                   |   |
|-------------------|---|
| Acute Tox. 4      | ACUTE TOXICITY - Category 4                                     |
| Aquatic Acute 1   | AQUATIC HAZARD (ACUTE) - Category 1                             |
| Aquatic Chronic 1 | AQUATIC HAZARD (LONG-TERM) - Category 1                         |
| Aquatic Chronic 2 | AQUATIC HAZARD (LONG-TERM) - Category 2                         |
| Aquatic Chronic 3 | AQUATIC HAZARD (LONG-TERM) - Category 3                         |
| Asp. Tox. 1       | ASPIRATION HAZARD - Category 1                                  |
| Eye Irrit. 2      | SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2                 |
| Flam. Liq. 3      | FLAMMABLE LIQUIDS - Category 3                                  |
| Repr. 2           | TOXIC TO REPRODUCTION - Category 2                              |
| Skin Irrit. 2     | SKIN CORROSION/IRRITATION - Category 2                          |
| Skin Sens. 1      | SKIN SENSITIZATION - Category 1                                 |
| Skin Sens. 1A     | SKIN SENSITIZATION - Category 1A                                |
| STOT RE 2         | SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 2 |
| STOT SE 3         | SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) - Category 3   |

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### Contact information of certified author



## SECTION 16: Other information

### Notice to reader

#### FOR PROFESSIONAL USE ONLY

**IMPORTANT NOTE** The information in this data sheet is not intended to be exhaustive and is based on the present state of our knowledge and on current laws: any person using the product for any purpose other than that specifically recommended in the technical data sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at his own risk. It is always the responsibility of the user to take all necessary steps to fulfill the demands set out in the local rules and legislation. Always read the Material Data Sheet and the Technical Data Sheet for this product if available. All advice we give or any statement made about the product by us (whether in this data sheet or otherwise) is correct to the best of our knowledge but we have no control over the quality or the condition of the substrate or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing otherwise, we do not accept any liability whatsoever for the performance of the product or for any loss or damage arising out of the use of the product. All products supplied and technical advice given are subject to our standard terms and conditions of sale. You should request a copy of this document and review it carefully. The information contained in this data sheet is subject to modification from time to time in the light of experience and our policy of continuous development. It is the user's responsibility to verify that this data sheet is current prior to using the product.

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