

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU) 2020/878

# **SAFETY DATA SHEET**

Autowave MM 336BO

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

#### 1.1 Product identifier

Product name SDS code : Autowave MM 336BO : 037626

1 001 020

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

|   | Identified uses  |  |
|---|--|--|
| Industrial use                                    |  |  |
|   | Uses advised against   |  |
| Consumer use                                      |  |  |
| Product use                                       | : FOR INDUSTRIAL USE ONLY  |  |
| 1.3 Details of the supplier of                    | f the safety data sheet  |  |
| Manufacturer                                      | : Akzo Nobel Car Refinishes bv<br>Rijksstraatweg 31<br>2171 AJ Sassenheim<br>The Netherlands<br>+ 31 (0)71 308 6944<br>www.sikkensvr.com |  |
| e-mail address of person responsible for this SDS | : PSRA_SSH@akzonobel.com   |  |
| 1.4 Emergency telephone nu                        | umber  |  |
| National advisory body/Po                         | ison Centre  |  |
| Telephone number                                  | : +44 (0)344 892 0111  |  |
| <u>Supplier</u>                                   |  |  |
| Telephone number                                  | : + 31 (0)71 308 6944  |  |
| Hours of operation                                | : 24 hours   |  |

## **SECTION 2: Hazards identification**

#### 2.1 Classification of the substance or mixture

Product definition : Mixture

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

Not classified.

The product is not classified as hazardous according to Regulation (EC) 1272/2008 as amended. See Section 11 for more detailed information on health effects and symptoms.

#### 2.2 Label elements

| Date of issue/Date of revision | : 11/1/2023              | Version :1 |           |
|--------------------------------|--------------------------|------------|-----------|
| Date of previous issue         | : No previous validation | 1/13       | AkzoNobel |

| <b>SECTION 2: Hazards</b> | s identification |
|---------------------------|------------------|
|---------------------------|------------------|

| Signal word   | :   | No signal word.  |
|---|-----|--|
| Hazard statements   |     | No known significant effects or critical hazards.  |
| Precautionary statements  |     |  |
| Prevention  |     | Not applicable.  |
| Response  |     | Not applicable.  |
| Storage   |     | Not applicable.  |
| Disposal  | :   | Not applicable.  |
| Supplemental label<br>elements  | :   | Contains 3(2H)-Isothiazolone, 2-methyl- and reaction mass of: 5-chloro-2-methyl-<br>4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no.<br>220-239-6] (3:1). May produce an allergic reaction. Safety data sheet available on<br>request. |
| Annex XVII - Restrictions<br>on the manufacture,<br>placing on the market and<br>use of certain dangerous<br>substances, mixtures and<br>articles | :   | Not applicable.  |
| Special packaging requirem  | nei | <u>nts</u>   |
| Containers to be fitted<br>with child-resistant<br>fastenings   | :   | Not applicable.  |
| Tactile warning of danger   |     | Not applicable.  |
| 2.3 Other hazards   |     |  |
| Product meets the criteria<br>for PBT or vPvB according<br>to Regulation (EC) No.<br>1907/2006, Annex XIII  | :   | 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  | %    | Regulation (EC) No.<br>1272/2008 [CLP]  | Specific Conc.<br>Limits, M-factors<br>and ATEs | Туре    |
| acetone                 | REACH #:<br>01-2119471330-49<br>EC: 200-662-2<br>CAS: 67-64-1<br>Index: 606-001-00-8 | ≤0.3 | Flam. Liq. 2, H225<br>Eye Irrit. 2, H319<br>STOT SE 3, H336<br>EUH066         | -   | [1] [2] |
|                         |  |      | See Section 16 for<br>the full text of the H<br>statements declared<br>above. |   |         |

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, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section. <u>Type</u>

# **SECTION 3: Composition/information on ingredients**

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

[3] Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII

[4] Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII

[5] Substance of equivalent concern

[6] Additional disclosure due to company policy

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

# SECTION 4: First aid measures

#### 4.1 Description of first aid measures General : In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and seek medical advice. Eye contact : Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice. Inhalation : Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Skin contact : Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners. : If swallowed, seek medical advice immediately and show the container or label. Ingestion Keep person warm and at rest. Do NOT induce vomiting. Protection of first-aiders : No action shall be taken involving any personal risk or without suitable training.

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

There are no data available on the mixture itself. The mixture has been assessed following the conventional method of the CLP Regulation (EC) No 1272/2008 and is classified for toxicological properties accordingly. See Sections 2 and 3 for details.

Exposure to component solvent vapour concentrations in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness.

Solvents may cause some of the above effects by absorption through the skin. Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin, resulting in non-allergic contact dermatitis and absorption through the skin.

If splashed in the eyes, the liquid may cause irritation and reversible damage.

This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

Contains 3(2H)-Isothiazolone, 2-methyl-, reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.

#### 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.

See toxicological information (Section 11)



# **SECTION 5: Firefighting measures**

| •  | -   |      |
|--|---|------|
| 5.1 Extinguishing media<br>Suitable extinguishing<br>media | Recommended: alcohol-resistant foam, CO <sub>2</sub> , powders, water spray.  |      |
| Unsuitable extinguishing media                             | Do not use water jet.   |      |
| 5.2 Special hazards arising fi                             | the substance or mixture  |      |
| Hazards from the substance or mixture                      | Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard.                      |      |
| Hazardous combustion products                              | Decomposition products may include the following materials: carbon monoxide, carbon dioxide, smoke, oxides of nitrogen. |      |
| 5.3 Advice for firefighters                                |   |      |
| Special protective actions for fire-fighters               | Cool closed containers exposed to fire with water. Do not release runoff from fire drains or watercourses.              | : to |
| Special protective equipment for fire-fighters             | Appropriate breathing apparatus may be required.  |      |
|  |   |      |

### **SECTION 6: Accidental release measures**

#### Due to the organic solvents content of the mixture:

| 6.1 Personal precautions, protective equipment and emergency procedures |   |            |  |  |  |  |
|---|---|------------|--|--|--|--|
| For non-emergency<br>personnel  | Exclude sources of ignition and ventilate the area. Avoid breathing vapour<br>Refer to protective measures listed in sections 7 and 8.  | r or mist. |  |  |  |  |
| For emergency responders  | If specialised clothing is required to deal with the spillage, take note of an<br>information in Section 8 on suitable and unsuitable materials. See also th<br>information in "For non-emergency personnel".   |            |  |  |  |  |
| 6.2 Environmental precautions   | Do not allow to enter drains or watercourses. If the product contaminates rivers, or sewers, inform the appropriate authorities in accordance with loc regulations.   |            |  |  |  |  |
| 6.3 Methods and material for containment and cleaning up                | Contain and collect spillage with non-combustible, absorbent material e.g<br>earth, vermiculite or diatomaceous earth and place in container for dispos<br>according to local regulations (see Section 13). Preferably clean with a de<br>Avoid using solvents. | sal        |  |  |  |  |
| 6.4 Reference to other sections   | See Section 1 for emergency contact information.<br>See Section 8 for information on appropriate personal protective equipme<br>See Section 13 for additional waste treatment information.  | ent.       |  |  |  |  |

## **SECTION 7: Handling and storage**

The information in this section contains generic advice and guidance.

#### 7.1 Precautions for safe handling

| Protective measures                    | : Put on appropriate personal protective equipment (see Section 8).   |
|--|---|
| 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

| Date of issue/Date of revision | : 11/1/2023              | Version : 1 |           |
|--------------------------------|--------------------------|-------------|-----------|
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# SECTION 7: Handling and storage

Store in accordance with local regulations. 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. 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 unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

#### 7.3 Specific end use(s)

: Not available.

Recommendations Industrial sector specific : Not available. solutions

## SECTION 8: Exposure controls/personal protection

The information in this section contains generic advice and guidance. Information is provided based on typical anticipated uses of the product. Additional measures might be required for bulk handling or other uses that could significantly increase worker exposure or environmental releases.

#### 8.1 Control parameters

#### **Occupational exposure limits**

| Product/ingredient nam   | e   | Exposure limit values  |
|--|---|--|
| acetone  |   | EH40/2005 WELs (United Kingdom (UK), 8/2018).<br>STEL: 3620 mg/m <sup>3</sup> 15 minutes.<br>STEL: 1500 ppm 15 minutes.<br>TWA: 1210 mg/m <sup>3</sup> 8 hours.<br>TWA: 500 ppm 8 hours.   |
| procedures atm<br>of t<br>pro<br>the<br>the<br>limi<br>atm<br>of e<br>(W<br>for<br>doo | nosphere or l<br>he ventilation<br>tective equip<br>following: E<br>assessment<br>t values and<br>nospheres - (<br>exposure to c<br>orkplace atm<br>the measure | ontains ingredients with exposure limits, personal, workplace<br>biological monitoring may be required to determine the effectiveness<br>in or other control measures and/or the necessity to use respiratory<br>oment. Reference should be made to monitoring standards, such as<br>suropean Standard EN 689 (Workplace atmospheres - Guidance for<br>t of exposure by inhalation to chemical agents for comparison with<br>measurement strategy) European Standard EN 14042 (Workplace<br>Guide for the application and use of procedures for the assessment<br>chemical and biological agents) European Standard EN 482<br>nospheres - General requirements for the performance of procedures<br>ement of chemical agents) Reference to national guidance<br>methods for the determination of hazardous substances will also be |

#### **DNELs/DMELs**

| Product/ingredient name   | Туре | Exposure | Value | Population | Effects |
|---------------------------|------|----------|-------|------------|---------|
| No DNELs/DMELs available. |      |          |       |            |         |

#### **PNECs**

| Product/ingredient name | Compartment Detail | Value | Method Detail |
|-------------------------|--------------------|-------|---------------|
| No PNECs available      |                    |       |               |

#### 8.2 Exposure controls

Appropriate engineering controls

: Provide adequate ventilation. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapours below the OEL, suitable respiratory protection must be worn.

#### Individual protection measures



|                                 | Autowave Mini 55060   |
|---------------------------------|---|
| ECTION 8: Exposu                | re controls/personal protection   |
| Hygiene measures                | : Wash hands, forearms and face thoroughly after handling chemical products, before<br>eating, smoking and using the lavatory and at the end of the working period.<br>Appropriate techniques should be used to remove potentially contaminated clothing.<br>Wash contaminated clothing before reusing. Ensure that eyewash stations and<br>safety showers are close to the workstation location. |
| Eye/face protection             | : Use safety eyewear designed to protect against splash of liquids.   |
| Skin protection                 |   |
| Hand protection                 | : Chemical-resistant, impervious gloves complying with an approved standard should<br>be worn at all times when handling chemical products if a risk assessment indicates<br>this is necessary.   |
|                                 | For all types of exposure, a glove with protection class of 2 or higher (breakthrough time >30 minutes according to EN374) is recommended. Recommended gloves: Nitrile, thickness ≥ 0.12 mm. Gloves should be replaced regularly and if there is any sign of damage to the glove material.  |
|                                 | The performance or effectiveness of the glove may be reduced by physical/chemica damage and poor maintenance.   |
|                                 | The user must check that the final choice of type of glove selected for handling this product is the most appropriate and takes into account the particular conditions of use, as included in the user's risk assessment.   |
| Body protection                 | <ul> <li>Personnel should wear antistatic clothing made of natural fibres or of high-<br/>temperature-resistant synthetic fibres.</li> </ul>  |
| Other skin protection           | <ul> <li>Appropriate footwear and any additional skin protection measures should be<br/>selected based on the task being performed and the risks involved and should be<br/>approved by a specialist before handling this product.</li> </ul>   |
| Respiratory protection          | : If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators.  |
|                                 | Dry sanding, flame cutting and/or welding of the dry paint film will give rise to dust<br>and/or hazardous fumes. Wet sanding/flatting should be used wherever possible. If<br>exposure cannot be avoided by the provision of local exhaust ventilation, suitable<br>respiratory protective equipment should be used.   |
| Environmental exposure controls | : Do not allow to enter drains or watercourses.   |

# **SECTION 9: Physical and chemical properties**

### 9.1 Information on basic physical and chemical properties

| Date of previous issue                          | : No previous validation          | 6/13                             | AkzoNobel        |
|---|-----------------------------------|----------------------------------|------------------|
| Date of issue/Date of revision                  | : 11/1/2023                       | Version : 1                      |                  |
| Vapour pressure                                 | :                                 |                                  |                  |
| Upper/lower flammability or<br>explosive limits | : Not applicable.                 |                                  |                  |
| Flammability (solid, gas)                       | : Not available.                  |                                  |                  |
| Evaporation rate                                | : Not available.                  |                                  |                  |
| Flash point                                     | : Closed cup: 999°C [Production ] | uct does not sustain combustion. | [Pensky-Martens] |
| Initial boiling point and<br>boiling range      | :                                 |                                  |                  |
| Melting point/freezing point                    | : Not available.                  |                                  |                  |
| рН  | : Not available.                  |                                  | [DIN EN 1262]    |
| Odour threshold                                 | : Not available.                  |                                  |                  |
| Odour   | : Not available.                  |                                  |                  |
| Colour  | : Not available.                  |                                  |                  |
| Physical state                                  | : Liquid.                         |                                  |                  |
| <u>Appearance</u>                               |                                   |                                  |                  |

| SECTION 9: Physical an                     | i chemical properties                                 |                       |
|--|---|-----------------------|
| Vapour density                             | Highest known value: 4.6 (Air = 1) (2-(2-et           | thoxyethoxy)ethanol). |
| Relative density                           | 1.078   | [DIN EN ISO 2811-1]   |
| Solubility(ies)                            | Not available.  |                       |
| Partition coefficient: n-octanol/<br>water | Not available.  |                       |
| Auto-ignition temperature                  |   |                       |
| Decomposition temperature                  | Not available.  |                       |
| Viscosity                                  | Kinematic (room temperature): 5.57 cm <sup>2</sup> /s | [DIN EN ISO 3219]     |
| Particle characteristics                   |   |                       |
| Median particle size                       | Not applicable.                                       |                       |

#### 9.2 Other information

No specific data.

| 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                    | : Stable under recommended storage and handling conditions (see Section 7).  |  |  |
| 10.3 Possibility of<br>hazardous reactions | : Under normal conditions of storage and use, hazardous reactions will not occur.  |  |  |
| 10.4 Conditions to avoid                   | : When exposed to high temperatures may produce hazardous decomposition products.  |  |  |
| 10.5 Incompatible materials                | : Keep away from the following materials to prevent strong exothermic reactions: oxidising agents, strong alkalis, strong acids. |  |  |
| 10.6 Hazardous<br>decomposition products   | : Decomposition products may include the following materials: carbon monoxide, carbon dioxide, smoke, oxides of nitrogen.        |  |  |

# **SECTION 11:** Toxicological information

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

There are no data available on the mixture itself. The mixture has been assessed following the conventional method of the CLP Regulation (EC) No 1272/2008 and is classified for toxicological properties accordingly. See Sections 2 and 3 for details.

Exposure to component solvent vapour concentrations in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness.

Solvents may cause some of the above effects by absorption through the skin. Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin, resulting in non-allergic contact dermatitis and absorption through the skin.

If splashed in the eyes, the liquid may cause irritation and reversible damage.

This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

Contains 3(2H)-Isothiazolone, 2-methyl-, reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.

#### Acute toxicity

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|--------------------------------|--------------------------|------------|-----------|
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# **SECTION 11: Toxicological information**

| Product/ingredient name | Result                 | Species | Dose                    | Exposure |
|-------------------------|------------------------|---------|-------------------------|----------|
| acetone                 | LC50 Inhalation Vapour | Mouse   | 44 g/m³                 | 4 hours  |
|                         | LC50 Inhalation Vapour | Rat     | 50100 mg/m <sup>3</sup> | 8 hours  |
|                         | LD50 Intraperitoneal   | Mouse   | 1297 mg/kg              | -        |
|                         | LD50 Intravenous       | Rat     | 5500 mg/kg              | -        |
|                         | LD50 Oral              | Mouse   | 3 g/kg                  | -        |
|                         | LD50 Oral              | Rabbit  | 5340 mg/kg              | -        |
|                         | LD50 Oral              | Rat     | 5800 mg/kg              | -        |
|                         | LD50 Oral              | Rat     | 5800 mg/kg              | -        |

#### **Conclusion/Summary** : Not available.

Acute toxicity estimates

Not available.

#### Irritation/Corrosion

| Product/ingredient name       | Result   | Species          | Score | Exposure              | Observation |
|-------------------------------|--|------------------|-------|-----------------------|-------------|
| acetone                       | Eyes - Mild irritant                           | Rabbit           | -     | 10 UI                 | -           |
|                               | Eyes - Moderate irritant                       | Rabbit           | -     | 24 hours 20           | -           |
|                               | Even Severe irritent                           | Dabbit           |       | mg                    |             |
|                               | Eyes - Severe irritant<br>Skin - Mild irritant | Rabbit<br>Rabbit | -     | 20 mg<br>24 hours 500 | -           |
|                               |  | Tabbit           | -     | mg                    | -           |
|                               | Skin - Mild irritant                           | Rabbit           | -     | 395 mg                | -           |
| Conclusion/Summary            | : Not available.                               | •                | •     | •                     |             |
| <u>Sensitisation</u>          |  |                  |       |                       |             |
| Conclusion/Summary            | : Not available.                               |                  |       |                       |             |
| <u>Mutagenicity</u>           |  |                  |       |                       |             |
| Conclusion/Summary            | : Not available.                               |                  |       |                       |             |
| <b>Carcinogenicity</b>        |  |                  |       |                       |             |
| Conclusion/Summary            | : Not available.                               |                  |       |                       |             |
| Reproductive toxicity         |  |                  |       |                       |             |
| Conclusion/Summary            | : Not available.                               |                  |       |                       |             |
| <u>Teratogenicity</u>         |  |                  |       |                       |             |
| Conclusion/Summary            | : Not available.                               |                  |       |                       |             |
| Specific target organ toxicit | <u>y (single exposure)</u>                     |                  |       |                       |             |

| Product/ingredient name | Category   | Route of exposure | Target organs    |
|-------------------------|------------|-------------------|------------------|
| acetone                 | Category 3 | Not applicable.   | Narcotic effects |

#### Specific target organ toxicity (repeated exposure)

Not available.

#### Aspiration hazard

Not available.

# Information on likely routes : Not available. of exposure

### <u>Delayed and immediate effects as well as chronic effects from short and long-term exposure</u> <u>Short term exposure</u>



# **SECTION 11: Toxicological information**

| Potential immediate<br>effects | :   | Not available. |
|--------------------------------|-----|----------------|
| Potential delayed effects      | :   | Not available. |
| Long term exposure             |     |                |
| Potential immediate<br>effects | :   | Not available. |
| Potential delayed effects      | :   | Not available. |
| Potential chronic health effe  | ect | <u>s</u>       |
| Not available.                 |     |                |
| Conclusion/Summary             | :   | Not available. |

#### 11.2 Information on other hazards

#### 11.2.1 Endocrine disrupting properties

Not available.

#### 11.2.2 Other information

No additional information.

# **SECTION 12: Ecological information**

#### 12.1 Toxicity

There are no data available on the mixture itself. Do not allow to enter drains or watercourses.

| Product/ingredient name       | Result                               | Species                         | Exposure |
|-------------------------------|--------------------------------------|---------------------------------|----------|
| acetone                       | Acute EC50 11493300 µg/l Fresh water | Algae - Navicula seminulum      | 96 hours |
|                               | Acute EC50 11727900 µg/l Fresh water | Algae - Navicula seminulum      | 96 hours |
|                               | Acute EC50 7200000 µg/l Fresh water  | Algae - Selenastrum sp.         | 96 hours |
|                               | Acute EC50 20.565 mg/l Marine water  | Algae - Ulva pertusa            | 96 hours |
|                               | Acute LC50 7550000 µg/l Fresh water  | Crustaceans - Asellus aquaticus | 48 hours |
|                               | Acute LC50 6000000 µg/l Fresh water  | Crustaceans - Gammarus pulex    | 48 hours |
|                               | Acute LC50 8098000 µg/l Fresh water  | Crustaceans - Ceriodaphnia      | 48 hours |
|                               |                                      | dubia - Neonate                 |          |
|                               | Acute LC50 7460000 µg/l Fresh water  | Daphnia - Daphnia cucullata     | 48 hours |
|                               | Acute LC50 7810000 µg/l Fresh water  | Daphnia - Daphnia cucullata     | 48 hours |
|                               | Acute LC50 6900 mg/l Fresh water     | Daphnia - Daphnia magna         | 48 hours |
|                               | Acute LC50 10000 µg/l Fresh water    | Daphnia - Daphnia magna         | 48 hours |
|                               | Acute LC50 8800000 µg/l Fresh water  | Daphnia - Daphnia pulex         | 48 hours |
|                               | Acute LC50 7280000 µg/l Fresh water  | Fish - Pimephales promelas      | 96 hours |
|                               | Acute LC50 6210000 µg/l Fresh water  | Fish - Pimephales promelas      | 96 hours |
|                               | Acute LC50 8120000 µg/l Fresh water  | Fish - Pimephales promelas      | 96 hours |
|                               | Acute LC50 5600 ppm Fresh water      | Fish - Poecilia reticulata      | 96 hours |
|                               | Acute LC50 8000 ppm Fresh water      | Fish - Oncorhynchus mykiss      | 96 hours |
|                               | Chronic NOEC 100 ul/L Marine water   | Algae - Skeletonema costatum    | 72 hours |
|                               | Chronic NOEC 100 ul/L Marine water   | Algae - Skeletonema costatum    | 96 hours |
|                               | Chronic NOEC 0.5 ml/L Marine water   | Algae - Karenia brevis          | 96 hours |
|                               | Chronic NOEC 4.95 mg/l Marine water  | Algae - Ulva pertusa            | 96 hours |
|                               | Chronic NOEC 0.016 ml/L Fresh water  | Crustaceans - Chydoridae        | 21 days  |
|                               | Chronic NOEC 0.016 ml/L Fresh water  | Crustaceans - Maxillopoda       | 21 days  |
|                               | Chronic NOEC 0.016 ml/L Fresh water  | Crustaceans - Daphniidae        | 21 days  |
|                               | Chronic NOEC 0.016 ml/L Fresh water  | Crustaceans - Bosminidae        | 21 days  |
|                               | Chronic NOEC 0.016 ml/L Fresh water  | Crustaceans - Macrothricidae    | 21 days  |
|                               | Chronic NOEC 1 g/L Fresh water       | Daphnia - Daphnia magna         | 21 days  |
|                               | Chronic NOEC 1 g/L Fresh water       | Daphnia - Daphnia magna         | 21 days  |
|                               | Chronic NOEC 0.1 ml/L Fresh water    | Daphnia - Daphnia magna -       | 21 days  |
| ate of issue/Date of revision | : 11/1/2023                          | Version :1                      | 1        |
| ate of previous issue         | : No previous validation             | 9/13 A                          | kzoNobe  |

The mixture has been assessed following the summation method of the CLP Regulation (EC) No 1272/2008 and is not classified as hazardous to the environment.



Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU) 2020/878 Autowave MM 336BO

|                                   | Neonate                                   |         |
|-----------------------------------|---|---------|
| Chronic NOEC 0.1 ml/L Fresh water | Daphnia - Daphnia magna -<br>Neonate      | 21 days |
| Chronic NOEC 0.1 ml/L Fresh water | Daphnia - Daphnia magna -<br>Neonate      | 21 days |
| Chronic NOEC 0.1 mg/l Fresh water | Fish - Fundulus heteroclitus              | 4 weeks |
| Chronic NOEC 0.1 mg/l Fresh water | Fish - Fundulus heteroclitus              | 4 weeks |
| Chronic NOEC 5 µg/l Marine water  | Fish - Gasterosteus aculeatus -<br>Larvae | 42 days |
| Chronic NOEC 5 µg/l Marine water  | Fish - Gasterosteus aculeatus -<br>Larvae | 42 days |
| Chronic NOEC 5 µg/l Marine water  | Fish - Gasterosteus aculeatus -<br>Larvae | 42 days |

**Conclusion/Summary** : Not available.

#### 12.2 Persistence and degradability

**Conclusion/Summary** : Not available.

#### 12.3 Bioaccumulative potential

| Product/ingredient name | LogPow | BCF | Potential |
|-------------------------|--------|-----|-----------|
| acetone                 | -0.23  | -   | low       |

#### 12.4 Mobility in soil

| Soil/water partition coefficient (Koc) | : Not available. |
|--|------------------|
| Mobility                               | : Not available. |

#### 12.5 Results of PBT and vPvB assessment

Product meets the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII

#### 12.6 Endocrine disrupting properties

Not available.

#### 12.7 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).

#### 13.1 Waste treatment methods

|  | Ρ | ro | d | u | ct |
|--|---|----|---|---|----|
|--|---|----|---|---|----|

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

| SECTION 13: Disposal considerations |  |  |  |
|-------------------------------------|--|--|--|
| Hazardous waste                     | : Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 2008/98/EC.  |  |  |
| Disposal considerations             | : Do not allow to enter drains or watercourses.<br>Dispose of according to all federal, state and local applicable regulations.<br>If this product is mixed with other wastes, the original waste product code may no<br>longer apply and the appropriate code should be assigned.<br>For further information, contact your local waste authority. |  |  |

#### European waste catalogue (EWC)

The European Waste Catalogue classification of this product, when disposed of as waste, is:

| Waste code              | Waste designation   |
|-------------------------|---|
| EWC 08 01 12            | waste paint and varnish other than those mentioned in 08 01 11  |
| Packaging               |   |
| Methods of disposal     | : The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.  |
| Disposal considerations | : Using information provided in this safety data sheet, advice should be obtained from<br>the relevant waste authority on the classification of empty containers.<br>Empty containers must be scrapped or reconditioned.<br>Dispose of containers contaminated by the product in accordance with local or<br>national legal provisions. |
| Special precautions     | : This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.   |

# **SECTION 14: Transport information**

|                                    | ADR/RID        | IMDG           | ΙΑΤΑ           |
|------------------------------------|----------------|----------------|----------------|
| 14.1 UN number                     | Not regulated. | Not regulated. | Not regulated. |
| 14.2 UN proper<br>shipping name    | -              | -              | -              |
| 14.3 Transport<br>hazard class(es) | -              | -              | -              |
| 14.4 Packing<br>group              | -              | -              | -              |
| 14.5<br>Environmental<br>hazards   | No.            | No.            | No.            |

user

14.6 Special precautions for : 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 Maritime transport in : Not applicable. bulk according to IMO instruments



# **SECTION 15: Regulatory information**

| 15.1 Safety, health and envi  | ironmental regulations/legislation specific for the substance or mixture  |  |  |  |
|---|---|--|--|--|
| EU Regulation (EC) No. 19   | <u>07/2006 (REACH)</u>  |  |  |  |
| Annex XIV - List of subst   | ances subject to authorisation  |  |  |  |
| Annex XIV   |   |  |  |  |
| None of the components  | None of the components are listed.  |  |  |  |
| Substances of very high   | <u>1 concern</u>  |  |  |  |
| None of the components  |   |  |  |  |
| Annex XVII - Restrictions<br>on the manufacture,<br>placing on the market<br>and use of certain<br>dangerous substances,<br>mixtures and articles | : Not applicable.   |  |  |  |
| Other EU regulations  |   |  |  |  |
| Industrial emissions<br>(integrated pollution<br>prevention and control) -<br>Air   | : Listed  |  |  |  |
| Ozone depleting substant<br>Not listed.   | <u>ces (1005/2009/EU)</u>   |  |  |  |
| Prior Informed Consent (<br>Not listed.   | <u>PIC) (649/2012/EU)</u>   |  |  |  |
| <u>Seveso Directive</u><br>This product is not controlle  | ed under the Seveso Directive.  |  |  |  |
| National regulations  |   |  |  |  |
| Industrial use  | : The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks, as required by other health and safety legislation. The provisions of the national health and safety at work regulations apply to the use of this product at work.                                      |  |  |  |
| 15.2 Chemical safety<br>assessment  | : No Chemical Safety Assessment has been carried out.   |  |  |  |
| <b>SECTION 16: Other</b>  | information   |  |  |  |
| CEPE code   | : 2   |  |  |  |
| Indicates information that  | has changed from previously issued version.   |  |  |  |
| Abbreviations and acronyms  | <ul> <li>ATE = Acute Toxicity Estimate<br/>CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No.<br/>1272/2008]<br/>DMEL = Derived Minimal Effect Level<br/>DNEL = Derived No Effect Level<br/>EUH statement = CLP-specific Hazard statement<br/>PBT = Persistent, Bioaccumulative and Toxic</li> </ul> |  |  |  |

- PNEC = Predicted No Effect Concentration
  - RRN = REACH Registration Number
- vPvB = Very Persistent and Very Bioaccumulative

#### Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

| Classification  | Justification |
|-----------------|---------------|
| Not classified. |               |

#### Full text of abbreviated H statements

| Date of issue/Date of revision | : 11/1/2023              | Version :1 |           |
|--------------------------------|--------------------------|------------|-----------|
| Date of previous issue         | : No previous validation | 12/13      | AkzoNobel |

| <b>SECTION 16: Othe</b>   | r information            |  |  |
|---|--------------------------|--|--|
| H225<br>H319<br>H336  |                          | Highly flammable liquid and vapour.<br>Causes serious eye irritation.<br>May cause drowsiness or dizziness.  |  |
| Full text of classifications  | [CLP/GHS]                |  |  |
| EUH066<br>Eye Irrit. 2, H319<br>Flam. Liq. 2, H225<br>STOT SE 3, H336 |                          | Repeated exposure may cause skin dryness or cracking.<br>SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2<br>FLAMMABLE LIQUIDS - Category 2<br>SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE<br>(Narcotic effects) - Category 3 |  |
| Date of printing  | : 17 May 2024            |  |  |
| Date of issue/ Date of<br>revision                                    | : 1 November 2023        |  |  |
| Date of previous issue  | : No previous validation |  |  |
| Version   | : 1                      |  |  |
| Notice to reader  |                          |  |  |

#### 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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