# SAFETY DATA SHEET

## **INTERFINE 878 BASE RED PART A**

## Section 1. Chemical product and company identification

GHS product identifier

: INTERFINE 878 BASE RED PART A

Product code

: SZA160

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

|                             | Identifi  | ied uses               |        |  |
|-----------------------------|---|------------------------|--------|--|
| Professional application of | coatings and inks   |                        |        |  |
| Use                         | s advised against   |                        | Reason |  |
| All Other Uses              |   |                        |        |  |
| Supplier's details          | : International Farg AB<br>Holmedalen 3<br>Aspereds Industriomrade<br>SE-424 22 Angered<br>Sweden | e                      |        |  |
|                             | Tel: +46 (0) 31 928500  | Fax: +46 (0) 31 928530 |        |  |
| Emergency telephone         | : +46 8 33 12 31  |                        |        |  |

| number (with hours of operation) |   |   |
|----------------------------------|---|---|
| <u>National advisory body/</u>   | : | 8-10-1-202-625-3333 / 8-10-1-202-784-4660 |
| Poison Centre (For use only      |   |   |
| by licensed medical              |   |   |
| <u>professionals.)</u>           |   |   |
| e-mail address of person         | : | sdsfellinguk@akzonobel.com                |
| responsible for this SDS         |   |   |
|                                  |   |   |

International Paint Ltd (Ukraine), 5 Solnechnaya Str, Odessa, Ukraine

Tel: +380 482 346308 / 347417 Fax: +380 482 346 307

## Section 2. Hazards identification

| Classification of the substance or mixture     | : FLAMMABLE LIQUIDS - Category 3<br>SKIN CORROSION/IRRITATION - Category 2<br>SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A<br>SKIN SENSITIZATION - Category 1 |   |
|--|---|---|
| <u>GHS label elements</u><br>Hazard pictograms |   |   |
| Signal word                                    | : Warning   |   |
| Date of issue/Date of revision                 | • 30/05/2017  | ٨ |

Date of issue/Date of revision Version : 3 : 30/05/2017



## Section 2. Hazards identification

| Hazard statements              | <ul> <li>Flammable liquid and vapour.</li> <li>Causes serious eye irritation.</li> <li>Causes skin irritation.</li> <li>May cause an allergic skin reaction.</li> </ul>   |
|--------------------------------|---|
| Precautionary statements       |   |
| Prevention                     | : Wear protective gloves. Wear eye or face protection. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use explosion-proof electrical, ventilating, lighting and all material-handling equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Keep container tightly closed. Avoid breathing vapour. Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. |
| Response                       | : IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.   |
| Storage                        | : Store in a well-ventilated place. Keep cool.  |
| Disposal                       | : Dispose of contents and container in accordance with all local, regional, national and international regulations.   |
| Supplemental label<br>elements | : Wear appropriate respirator when ventilation is inadequate.   |

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

## **Section 3. Composition/information on ingredients**

Substance/mixture

: Mixture

| Ingredient name  | % by weight | CAS number  | Classification   |
|--|-------------|-------------|--|
| hexamethylene diacrylate   | ≥10 - ≤22   | 13048-33-4  | Skin Irrit. 2, H315<br>Eye Irrit. 2A, H319<br>Skin Sens. 1, H317<br>Aquatic Chronic 3, H412  |
| Isopropyl alcohol  | ≤5          | 67-63-0     | Flam. Liq. 2, H225<br>Acute Tox. 5, H303<br>Skin Irrit. 3, H316<br>Eye Irrit. 2A, H319<br>STOT SE 3, H336  |
| 2-methoxy-1-methylethyl acetate  | ≤3          | 108-65-6    | Flam. Liq. 3, H226<br>Acute Tox. 5, H313   |
| xylene   | ≤3          | 1330-20-7   | Flam. Liq. 3, H226<br>Acute Tox. 4, H312<br>Acute Tox. 4, H332<br>Skin Irrit. 2, H315<br>Eye Irrit. 2A, H319<br>STOT SE 3, H335<br>Asp. Tox. 1, H304 |
| Amides, castor-oil, hydrogenated, N,N'-[1,<br>3-phenylene-bis(methylene)] bis- | ≤2          | 911674-82-3 | Skin Sens. 1, H317<br>Aquatic Chronic 4, H413  |





## Section 3. Composition/information on ingredients

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

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

### Section 4. First aid measures

| Description of necessary | 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.  |
| Inhalation               | : Remove victim to fresh air and keep at rest in a position comfortable for breathing.<br>If not breathing, if breathing is irregular or if respiratory arrest occurs, provide<br>artificial respiration or oxygen by trained personnel. It may be dangerous to the<br>person providing aid to give mouth-to-mouth resuscitation. Get medical attention if<br>adverse health effects persist or are severe. If unconscious, place in recovery<br>position and get medical attention immediately. Maintain an open airway. Loosen<br>tight clothing such as a collar, tie, belt or waistband. In case of inhalation of<br>decomposition products in a fire, symptoms may be delayed. The exposed person<br>may need to be kept under medical surveillance for 48 hours.   |
| Skin contact             | : Wash with plenty of soap and water. Remove contaminated clothing and shoes.<br>Wash contaminated clothing thoroughly with water before removing it, or wear<br>gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the<br>event of any complaints or symptoms, avoid further exposure. Wash clothing<br>before reuse. Clean shoes thoroughly before reuse.  |
| Ingestion                | : Wash out mouth with water. Remove dentures if any. Remove victim to fresh air<br>and keep at rest in a position comfortable for breathing. If material has been<br>swallowed and the exposed person is conscious, give small quantities of water to<br>drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not<br>induce vomiting unless directed to do so by medical personnel. If vomiting occurs,<br>the head should be kept low so that vomit does not enter the lungs. Get medical<br>attention if adverse health effects persist or are severe. Never give anything by<br>mouth to an unconscious person. If unconscious, place in recovery position and get<br>medical attention immediately. Maintain an open airway. Loosen tight clothing such<br>as a collar, tie, belt or waistband. |

#### Most important symptoms/effects, acute and delayed

| Potential acute health eff     | <u>S</u>   |
|--------------------------------|--|
| Eye contact                    | : Causes serious eye irritation.   |
| Inhalation                     | : Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.                         |
| Skin contact                   | : Causes skin irritation. May cause an allergic skin reaction.   |
| Ingestion                      | : Irritating to mouth, throat and stomach.   |
| <u>Over-exposure signs/sym</u> | oms  |
| Eye contact                    | : Adverse symptoms may include the following:<br>pain or irritation<br>watering<br>redness   |
| Inhalation                     | : Adverse symptoms may include the following:<br>headache<br>drowsiness/fatigue<br>dizziness/vertigo<br>muscle weakness<br>unconsciousness |
| Skin contact                   | : Adverse symptoms may include the following:<br>irritation<br>redness   |
| Date of issue/Date of revision | : 30/05/2017 AkzoNobel   |

### Section 4. First aid measures

Ingestion

: No specific data.

#### Indication of immediate medical attention and special treatment needed, if necessary

| Notes to physician         | In case of inhalation of decomposition products in a fire, symptoms may be delay.<br>The exposed person may need to be kept under medical surveillance for 48 hou   |  |
|----------------------------|---|--|
| Specific treatments        | No specific treatment.  |  |
| Protection of first-aiders | No action shall be taken involving any personal risk or without suitable training.<br>may be dangerous to the person providing aid to give mouth-to-mouth resuscitat<br>Wash contaminated clothing thoroughly with water before removing it, or wear<br>gloves. |  |

#### See toxicological information (Section 11)

### Section 5. Firefighting measures

| 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.  |
| Specific hazards arising from the chemical        | <ul> <li>Flammable liquid and vapour. In a fire or if heated, a pressure increase will occur<br/>and the container may burst, with the risk of a subsequent explosion. Runoff to<br/>sewer may create fire or explosion hazard.</li> </ul>   |
| Hazardous thermal decomposition products          | : Decomposition products may include the following materials:<br>carbon dioxide<br>carbon monoxide<br>nitrogen oxides<br>sulfur oxides<br>metal oxide/oxides   |
| 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. |
| Special protective<br>equipment for fire-fighters | <ul> <li>Fire-fighters should wear appropriate protective equipment and self-contained<br/>breathing apparatus (SCBA) with a full face-piece operated in positive pressure<br/>mode.</li> </ul>  |

### Section 6. Accidental release measures

## Personal precautions, protective equipment and emergency procedures

| For non-emergency<br>personnel | : | No action shall be taken involving any personal risk or without suitable training.<br>Evacuate surrounding areas. Keep unnecessary and unprotected personnel from<br>entering. Do not touch or walk through spilt material. Shut off all ignition sources.<br>No flares, smoking or flames in hazard area. Avoid breathing vapour or mist.<br>Provide adequate ventilation. Wear appropriate respirator when ventilation is<br>inadequate. Put on appropriate personal protective equipment. |
|--------------------------------|---|--|
| For emergency responders       | : | If specialised 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".  |
| Environmental precautions      | : | Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains<br>and sewers. Inform the relevant authorities if the product has caused environmental<br>pollution (sewers, waterways, soil or air).  |

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



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## Section 6. Accidental release measures

| 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 the 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 (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal. |

## Section 7. Handling and storage

#### 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 vapour or mist. 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. |
|--|---|---|
| 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.   |
| Conditions for safe storage,<br>including any<br>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. Eliminate all ignition sources. Vapours are heavier than air and may spread along floors. 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 unlabelled containers. Use appropriate containment to avoid environmental contamination.   |

### Section 8. Exposure controls/personal protection

#### **Control parameters**

#### **Occupational exposure limits**

| Ingredient name                             | Exposure limits<br>PO МинЗдраСоц ПДК (Russian<br>Federation, 9/2011).<br>TWA: 10 mg/m <sup>3</sup> 8 hours. Form: vapor and/ |  |  |
|---|--|--|--|
| Isopropyl alcohol                           |  |  |  |
| 2-methoxy-1-methylethyl acetate             | or gases<br>CEIL: 50 mg/m <sup>3</sup> Form: vapor and/or gases<br><b>РО МинЗдраСоц ПДК (Russian</b><br>Federation, 9/2011). |  |  |
| xylene                                      | CEIL: 10 mg/m <sup>3</sup> Form: vapor and/or gases<br><b>РО МинЗдраСоц ПДК (Russian</b><br>Federation, 9/2011).             |  |  |
| Date of issue/Date of revision : 30/05/2017 | AkzoNobel  |  |  |



## Section 8. Exposure controls/personal protection

|   | TWA: 50 mg/m <sup>3</sup> 8 hours. Form: vapor and/<br>or gases<br>CEIL: 150 mg/m <sup>3</sup> Form: vapor and/or gases |  |
|---|---|--|
| Appropriate engineering : Use only with adequate ventilation. Use process enclosures, local exhaust |   |  |

| controls                        |            | ventilation or other engineering controls to keep worker exposure to airborne<br>contaminants below any recommended or statutory limits. The engineering controls<br>also need to keep gas, vapour or dust concentrations below any lower explosive<br>limits. Use explosion-proof ventilation equipment.  |
|---------------------------------|------------|--|
| Environmental exposure controls | :          | Emissions from ventilation or work process equipment should be checked to ensure<br>they comply with the requirements of environmental protection legislation. In some<br>cases, fume scrubbers, filters or engineering modifications to the process<br>equipment will be necessary to reduce emissions to acceptable levels.  |
| Individual protection measure   | <u>)</u> S |  |
| 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: chemical splash goggles.   |
| Skin protection                 |            |  |
| Hand protection                 |            | Use chemical resistant gloves classified under Standard EN 374: Protective gloves against chemicals and micro-organisms. Recommended: Viton® or Nitrile gloves. When prolonged or frequently repeated contact may occur, a glove with a protection class of 6 (breakthrough time greater than 480 minutes according to EN 374) is recommended. When only brief contact is expected, a glove with a protection class of 2 or higher (breakthrough time greater than 30 minutes according to EN 374) is recommended. 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. NOTICE: The selection of a specific glove for a particular application and duration of use in a workplace should also take into account all relevant workplace factors such as, but not limited to: Other chemicals which may be handled, physical requirements (cut/ puncture protection, dexterity, thermal protection), potential body reactions to glove materials, as well as the instructions/specifications provided by the glove supplier. Barrier creams may help to protect the exposed areas of the skin but should not be applied once exposure has occurred. |
| Body protection                 | :          | Personal protective equipment for the body should be selected based on the task<br>being performed and the risks involved and should be approved by a specialist<br>before handling this product. When there is a risk of ignition from static electricity,<br>wear anti-static protective clothing. For the greatest protection from static<br>discharges, clothing should include anti-static overalls, boots and gloves.  |
| 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          | :          | Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.  |





## Section 9. Physical and chemical properties

| <u>Appearance</u>                            |   |   |
|--|---|---|
| Physical state                               | : | Liquid.   |
| Colour                                       | : | Various   |
| Odour  | : | Solvent.  |
| Odour threshold                              | : | Not available.                                    |
| рН   | : | Not applicable.                                   |
| Melting point                                | : | Not available.                                    |
| Boiling point                                | : | Not available.                                    |
| Flash point                                  | : | Closed cup: 35°C (95°F)                           |
| Evaporation rate                             | : | Not available.                                    |
| Flammability (solid, gas)                    | : | Not available.                                    |
| Lower and upper explosive (flammable) limits | : | Not available.                                    |
| Vapour pressure                              | : | Not available.                                    |
| Vapour density                               | : | Not available.                                    |
| Relative density                             | : | 1.46  |
| Solubility                                   | : | Insoluble in the following materials: cold water. |
| Partition coefficient: n-<br>octanol/water   | : | Not available.                                    |
| Auto-ignition temperature                    | : | Not available.                                    |
| Decomposition temperature                    | : | Not available.                                    |
| Viscosity                                    | : | Kinematic (room temperature): 120 mm²/s (120 cSt) |
|  |   |   |

## Section 10. Stability and reactivity

| Reactivity                         | : No specific test data related to reactivity available for this product or its ingredients.  |
|------------------------------------|---|
| Chemical stability                 | : The product is stable.  |
| Possibility of hazardous reactions | : Under normal conditions of storage and use, hazardous reactions will not occur.   |
| Conditions to avoid                | : Avoid all possible sources of ignition (spark or flame). Do not pressurise, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition. |
| Incompatible materials             | : Reactive or incompatible with the following materials:<br>oxidizing materials   |
| Hazardous decomposition products   | : Under normal conditions of storage and use, hazardous decomposition products should not be produced.  |

## Section 11. Toxicological information

Information on toxicological effects

Acute toxicity



## Section 11. Toxicological information

| Product/ingredient name         | Result      | Species | Dose        | Exposure |
|---------------------------------|-------------|---------|-------------|----------|
| hexamethylene diacrylate        | LD50 Oral   | Rat     | 5 g/kg      | -        |
| Isopropyl alcohol               | LD50 Dermal | Rabbit  | 12800 mg/kg | -        |
|                                 | LD50 Oral   | Rat     | 5000 mg/kg  | -        |
| 2-methoxy-1-methylethyl acetate | LD50 Dermal | Rabbit  | 5000 mg/kg  | -        |
|                                 | LD50 Oral   | Rat     | 8532 mg/kg  | -        |
| xylene                          | LD50 Oral   | Rat     | 4300 mg/kg  | -        |

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Irritation/Corrosion

| Product/ingredient name  | Result                   | Species | Score | Exposure                   | Observation |
|--------------------------|--------------------------|---------|-------|----------------------------|-------------|
| hexamethylene diacrylate | Skin - Severe irritant   | Rabbit  | -     | 24 hours 500<br>milligrams | -           |
| Isopropyl alcohol        | Eyes - Moderate irritant | Rabbit  | -     | 24 hours 100 milligrams    | -           |
|                          | Eyes - Moderate irritant | Rabbit  | -     | 10 milligrams              | -           |
|                          | Eyes - Severe irritant   | Rabbit  | -     | 100<br>milligrams          | -           |
|                          | Skin - Mild irritant     | Rabbit  | -     | 500<br>milligrams          | -           |

#### **Sensitisation**

Not available.

#### **Mutagenicity**

Not available.

#### **Carcinogenicity**

Not available.

#### **Reproductive toxicity**

Not available.

#### **Teratogenicity**

Not available.

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

| Name                        | Category | Route of<br>exposure | Target organs                                       |
|-----------------------------|----------|----------------------|---|
| Isopropyl alcohol<br>xylene | 0,       |                      | Narcotic effects<br>Respiratory tract<br>irritation |

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

Not available.

#### Aspiration hazard

| Name   | Result                         |
|--------|--------------------------------|
| xylene | ASPIRATION HAZARD - Category 1 |

#### Information on likely routes : Not available.

#### of exposure

| Potential acute health effe    | <u>cts</u>   |                 |
|--------------------------------|--|-----------------|
| Eye contact                    | : Causes serious eye irritation.   |                 |
| Inhalation                     | : Exposure to decomposition products may cause a health hazard. may be delayed following exposure. | Serious effects |
| Skin contact                   | : Causes skin irritation. May cause an allergic skin reaction.                                     |                 |
| Date of issue/Date of revision | : 30/05/2017   | AkzoNobel       |

## Section 11. Toxicological information

#### Ingestion

: Irritating to mouth, throat and stomach.

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

| Eye contact  | : Adverse symptoms may include the following:<br>pain or irritation<br>watering<br>redness   |
|--------------|--|
| Inhalation   | : Adverse symptoms may include the following:<br>headache<br>drowsiness/fatigue<br>dizziness/vertigo<br>muscle weakness<br>unconsciousness |
| Skin contact | : Adverse symptoms may include the following:<br>irritation<br>redness   |
| Ingestion    | : No specific data.  |

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

| Delayeu anu inimediale enec    | as well as 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<br>effects | : Not available.  |
| Potential delayed effects      | : Not available.  |
| Potential chronic health eff   | ects  |
| Not available.                 |   |
| General                        | : Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels. |
| Carcinogenicity                | : No known significant effects or critical hazards.   |
| Mutagenicity                   | : No known significant effects or critical hazards.   |
| Teratogenicity                 | : No known significant effects or critical hazards.   |
| Developmental effects          | : No known significant effects or critical hazards.   |
| Fertility effects              | : No known significant effects or critical hazards.   |
|                                |   |

#### Numerical measures of toxicity

#### Acute toxicity estimates

| Route                | ATE value      |
|----------------------|----------------|
| Oral                 | 122504.3 mg/kg |
| Dermal               | 34497.5 mg/kg  |
| Inhalation (vapours) | 427.2 mg/l     |

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## Section 12. Ecological information

#### <u>Toxicity</u>

| Product/ingredient name         | Result   | Species                             | Exposure |
|---------------------------------|--|-------------------------------------|----------|
| Isopropyl alcohol               | Acute LC50 1400000 to 1950000 µg/l<br>Marine water | Crustaceans - Crangon crangon       | 48 hours |
|                                 | Acute LC50 1400000 µg/l                            | Fish - Gambusia affinis             | 96 hours |
| 2-methoxy-1-methylethyl acetate | Acute LC50 134 mg/l Fresh water                    | Fish                                | 96 hours |
| xylene                          | Acute LC50 8500 µg/l Marine water                  | Crustaceans - Palaemonetes<br>pugio | 48 hours |
|                                 | Acute LC50 13400 µg/l Fresh water                  | Fish - Pimephales promelas          | 96 hours |

#### Persistence and degradability

Not available.

#### **Bioaccumulative potential**

| Product/ingredient name                       | LogPow       | BCF         | Potential  |
|---|--------------|-------------|------------|
| hexamethylene diacrylate<br>Isopropyl alcohol | 2.81<br>0.05 | -           | low<br>low |
| 2-methoxy-1-methylethyl acetate               | 1.2          | -           | low        |
| xylene  | 3.12         | 8.1 to 25.9 | low        |

#### Mobility in soil

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

Other adverse effects

: No known significant effects or critical hazards.

## Section 13. Disposal considerations

| Disposal methods: 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<br>and any regional local authority requirements.<br>Dispose of surplus and non-recyclable products via a licensed waste disposal<br>contractor. Waste should not be disposed of untreated to the sewer unless fully<br>compliant with the requirements of all authorities with jurisdiction. Waste packaging<br>should be recycled. Incineration or landfill should only be considered when recycling<br>is not feasible. This material and its container must be disposed of in a safe way.<br>Care should be taken when handling emptied containers that have not been cleaned |
|---|

## Section 14. Transport information



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### Section 14. Transport information

|                               | ADR/RID   | IMDG   | ΙΑΤΑ   |
|-------------------------------|---|--------|--------|
| UN number                     | UN1263  | UN1263 | UN1263 |
| UN proper<br>shipping name    | PAINT   | PAINT  | PAINT  |
| Transport hazard<br>class(es) | 3   | 3      | 3      |
| Packing group                 | 111   | Ш      | III    |
| Environmental<br>hazards      | No.   | No.    | No.    |
| Additional<br>information     | Special provisions<br>640 (E)<br>Tunnel code<br>(D/E) | -      | -      |

IMDG Code Segregation : Not applicable. group

**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.

## Section 15. Regulatory information

Safety, health and environmental regulations specific for the product : No known specific national and/or regional regulations applicable to this product (including its ingredients).

#### International regulations

#### Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

#### Montreal Protocol (Annexes A, B, C, E)

Not listed.

#### Stockholm Convention on Persistent Organic Pollutants

Not listed.

#### Rotterdam Convention on Prior Inform Consent (PIC)

Not listed.

#### **UNECE Aarhus Protocol on POPs and Heavy Metals**

Not listed.

11/13





### Section 16. Other information

#### **Justification**

| Classification  |  | Justification   |  |
|---|--|---|--|
| FLAMMABLE LIQUIDS - Ca<br>SKIN CORROSION/IRRITA<br>SERIOUS EYE DAMAGE/ E<br>2A<br>SKIN SENSITIZATION - Ca | TION - Category 2<br>EYE IRRITATION - Catego   | On basis of test data<br>Calculation method<br>Calculation method<br>Calculation method   |  |
| History   |  |   |  |
| Date of printing  | : 30/05/2017   |   |  |
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| Version   | : 3  |   |  |
| Key to abbreviations  | Goods by Inland Wa<br>ADR = The Europea<br>Dangerous Goods b<br>ATE = Acute Toxici<br>BCF = Bioconcentra<br>GHS = Globally Har<br>IATA = Internationa<br>IBC = Internationa<br>LogPow = logarithm<br>MARPOL = Internati<br>1973 as modified by | ADN = European Provisions concerning the International Carriage of Dangerous<br>Goods by Inland Waterway<br>ADR = The European Agreement concerning the International Carriage of<br>Dangerous Goods by Road<br>ATE = Acute Toxicity Estimate<br>BCF = Bioconcentration Factor<br>GHS = Globally Harmonized System of Classification and Labelling of Chemicals<br>IATA = International Air Transport Association<br>IBC = Internediate Bulk Container<br>IMDG = International Maritime Dangerous Goods<br>LogPow = logarithm of the octanol/water partition coefficient<br>MARPOL = International Convention for the Prevention of Pollution From Ships,<br>1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)<br>RID = The Regulations concerning the International Carriage of Dangerous Goods<br>by Rail |  |
| References  | : Not available.   |   |  |

Indicates information that has changed from previously issued version.

#### Notice to reader

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Persons using the information must make their own determinations as to the suitability of the relevant product for their purposes prior to use. Where those purposes are other than as specifically recommended in this safety data sheet, then the user uses the product at their own risk.

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## Section 16. Other information

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