

# SAFETY DATA SHEET

SUPER SATIN GLAZE 30 AERO BASE

117913

## Section 1. Identification

**Product identifier** : SUPER SATIN GLAZE 30 AERO BASE  
**Product code** : 117913  
**Product type** : Liquid.

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

**Material uses** : Paint or paint related material.  
: Industrial use only.

**Supplier's details** : VALSPAR PAINT (AUSTRALIA) PTY LTD  
L3, 2 Burbank Place,  
Norwest, NSW, 2153  
wattyl@wattyl.com.au

**Emergency telephone number (with hours of operation)** : +(61)290372994  
(Available 24 hrs/ 7 days)

## Section 2. Hazard(s) identification

**Classification of the substance or mixture** : FLAMMABLE LIQUIDS - Category 2  
SKIN CORROSION/IRRITATION - Category 2  
SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1  
REPRODUCTIVE TOXICITY - Category 1  
SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE (Narcotic effects) - Category 3  
SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE - Category 2  
ASPIRATION HAZARD - Category 1

### GHS label elements

**Hazard pictograms** :



**Signal word** : DANGER

**Hazard statements** : **Highly flammable liquid and vapour.**  
**May be fatal if swallowed and enters airways.**  
**Causes skin irritation.**  
**Causes serious eye damage.**  
**May cause drowsiness or dizziness.**  
**May damage fertility or the unborn child.**  
**May cause damage to organs through prolonged or repeated exposure.**

### Precautionary statements

**Prevention** : Obtain special instructions before use. Use personal protective equipment as required. 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 or lighting equipment. Use non-sparking tools. Take action to prevent static discharges. Do not breathe vapour. Wash thoroughly after handling.

## Section 2. Hazard(s) identification

**Response** : IF exposed or concerned: Get medical advice or attention. IF INHALED: Call a POISON CENTER or doctor if you feel unwell. IF SWALLOWED: Immediately call a POISON CENTER or doctor. Do NOT induce vomiting. Take off contaminated clothing and wash before reuse. IF ON SKIN: Wash with plenty of water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor.

**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.

**Supplemental label elements** : Please refer to the SDS for additional information. Keep out of reach of children. Do not transfer contents to other containers for storage.

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

## Section 3. Composition and ingredient information

**Substance/mixture** : Mixture

**Other means of identification** : Not available.

### CAS number/other identifiers

Not available.

| Ingredient name                 | % (w/w)   | CAS number |
|---------------------------------|-----------|------------|
| n-Butyl Acetate                 | 30 - 60%  | 123-86-4   |
| Toluene                         | 10 - <30% | 108-88-3   |
| 2-methoxy-1-methylethyl acetate | <10%      | 108-65-6   |
| Ethyl Acetate                   | <10%      | 141-78-6   |
| 1-Propanol                      | <10%      | 71-23-8    |
| Isopropyl Alcohol               | <10%      | 67-63-0    |
| Bis(2-ethylhexyl) Phthalate     | <10%      | 117-81-7   |
| N-Butanol                       | <10%      | 71-36-3    |

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 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** : Get medical attention immediately. Call a poison center or physician. 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 15 minutes. Chemical burns must be treated promptly by a physician.

**Inhalation** : Get medical attention immediately. Call a poison center or physician. 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. 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. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

## Section 4. First aid measures

- Skin contact** : Get medical attention immediately. Call a poison center or physician. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 15 minutes. Chemical burns must be treated promptly by a physician. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion** : Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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. Aspiration hazard if swallowed. Can enter lungs and cause damage. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Chemical burns must be treated promptly by a 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.

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

#### Potential acute health effects

- Eye contact** : Causes serious eye damage.
- Inhalation** : Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness.
- Skin contact** : Causes skin irritation.
- Ingestion** : Can cause central nervous system (CNS) depression. May be fatal if swallowed and enters airways.

#### Over-exposure signs/symptoms

- Eye contact** : Adverse symptoms may include the following:  
pain  
watering  
redness
- Inhalation** : Adverse symptoms may include the following:  
nausea or vomiting  
headache  
drowsiness/fatigue  
dizziness/vertigo  
unconsciousness  
reduced foetal weight  
increase in foetal deaths  
skeletal malformations
- Skin contact** : Adverse symptoms may include the following:  
pain or irritation  
redness  
blistering may occur  
reduced foetal weight  
increase in foetal deaths  
skeletal malformations
- Ingestion** : Adverse symptoms may include the following:  
stomach pains  
nausea or vomiting  
reduced foetal weight  
increase in foetal deaths  
skeletal malformations

### 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 delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

## Section 4. First aid measures

- Specific treatments** : No specific treatment.
- 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.

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** : Highly flammable liquid and vapour. 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. The vapour/gas is heavier than air and will spread along the ground. Vapours may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back.

**Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide  
nitrogen 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 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.

**Hazchem code** : Not applicable.

## Section 6. Accidental release measures

### 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 spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Do not breathe vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is 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 and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods and material for containment and cleaning up

## 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). Avoid exposure - obtain special instructions before use. Avoid exposure during pregnancy. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe vapour or mist. Do not swallow. 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, 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 oxidising 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. See Section 10 for incompatible materials before handling or use. Avoid release to the environment.

## Section 8. Exposure controls and personal protection

### Control parameters

#### Occupational exposure limits

| Ingredient name | Exposure limits  |
|-----------------|--|
| n-Butyl Acetate | <b>Safe Work Australia (Australia, 12/2019).</b><br>STEL: 950 mg/m <sup>3</sup> 15 minutes.<br>STEL: 200 ppm 15 minutes.<br>TWA: 713 mg/m <sup>3</sup> 8 hours.<br>TWA: 150 ppm 8 hours. |
| Toluene         | <b>Safe Work Australia (Australia, 12/2019).</b><br><b>Absorbed through skin.</b><br>STEL: 574 mg/m <sup>3</sup> 15 minutes.<br>STEL: 150 ppm 15 minutes.                                |

## Section 8. Exposure controls and personal protection

|                                 |   |
|---------------------------------|---|
| 2-methoxy-1-methylethyl acetate | <p>TWA: 191 mg/m<sup>3</sup> 8 hours.<br/>TWA: 50 ppm 8 hours.</p> <p><b>Safe Work Australia (Australia, 12/2019).</b><br/><b>Absorbed through skin.</b><br/>TWA: 50 ppm 8 hours.<br/>TWA: 274 mg/m<sup>3</sup> 8 hours.<br/>STEL: 100 ppm 15 minutes.<br/>STEL: 548 mg/m<sup>3</sup> 15 minutes.</p> |
| Ethyl Acetate                   | <p><b>Safe Work Australia (Australia, 12/2019).</b><br/>TWA: 720 mg/m<sup>3</sup> 8 hours.<br/>TWA: 200 ppm 8 hours.<br/>STEL: 400 ppm 15 minutes.<br/>STEL: 1440 mg/m<sup>3</sup> 15 minutes.</p>  |
| 1-Propanol                      | <p><b>Safe Work Australia (Australia, 12/2019).</b><br/><b>Absorbed through skin.</b><br/>STEL: 614 mg/m<sup>3</sup> 15 minutes.<br/>STEL: 250 ppm 15 minutes.<br/>TWA: 492 mg/m<sup>3</sup> 8 hours.<br/>TWA: 200 ppm 8 hours.</p>   |
| Isopropyl Alcohol               | <p><b>Safe Work Australia (Australia, 12/2019).</b><br/>STEL: 1230 mg/m<sup>3</sup> 15 minutes.<br/>STEL: 500 ppm 15 minutes.<br/>TWA: 983 mg/m<sup>3</sup> 8 hours.<br/>TWA: 400 ppm 8 hours.</p>  |
| Bis(2-ethylhexyl) Phthalate     | <p><b>Safe Work Australia (Australia, 12/2019).</b><br/>STEL: 10 mg/m<sup>3</sup> 15 minutes.<br/>TWA: 5 mg/m<sup>3</sup> 8 hours.</p>  |
| N-Butanol                       | <p><b>Safe Work Australia (Australia, 12/2019).</b><br/><b>Absorbed through skin.</b><br/>PEAK: 50 ppm<br/>PEAK: 152 mg/m<sup>3</sup></p>   |

- Biological limit values** : There is no biological limit allocated.
- 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, vapour or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.
- 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.

### 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. 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 and/or face shield. If inhalation hazards exist, a full-face respirator may be required instead.

### Skin protection

## Section 8. Exposure controls and personal 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.
- 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.

## Section 9. Physical and chemical properties

### Appearance

- Physical state** : Liquid.
- Colour** : Not available.
- Odour** : Not available.
- Odour threshold** : Not available.
- pH** : Not applicable.
- Melting point** : Not available.
- Boiling point** : 70°C (158°F)
- Flash point** : Closed cup: -4°C (24.8°F) [Pensky-Martens Closed Cup]
- Evaporation rate** : 3.91 (butyl acetate = 1)
- Flammability (solid, gas)** : Not available.
- Lower and upper explosive (flammable) limits** : Lower: 1%  
Upper: 13.7%
- Vapour pressure** : 11.5 kPa (86 mm Hg) [at 20°C]
- Vapour density** : 2.07 [Air = 1]
- Relative density** : 0.91
- Solubility** : Not available.
- Partition coefficient: n-octanol/water** : Not available.
- Auto-ignition temperature** : Not available.
- Decomposition temperature** : Not available.
- Viscosity** : Kinematic (40°C (104°F)): <0.205 cm<sup>2</sup>/s (<20.5 cSt)
- Aerosol product**
- Heat of combustion** : 26.497 kJ/g

## 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. Do not allow vapour to accumulate in low or confined areas.
- Incompatible materials** : Reactive or incompatible with the following materials:  
oxidising 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

| Product/ingredient name         | Result                 | Species | Dose                    | Exposure |
|---------------------------------|------------------------|---------|-------------------------|----------|
| n-Butyl Acetate                 | LD50 Dermal            | Rabbit  | >17600 mg/kg            | -        |
|                                 | LD50 Oral              | Rat     | 10768 mg/kg             | -        |
| Toluene                         | LC50 Inhalation Vapour | Rat     | 49 g/m <sup>3</sup>     | 4 hours  |
|                                 | LD50 Oral              | Rat     | 636 mg/kg               | -        |
| 2-methoxy-1-methylethyl acetate | LD50 Dermal            | Rabbit  | >5 g/kg                 | -        |
|                                 | LD50 Oral              | Rat     | 8532 mg/kg              | -        |
| Ethyl Acetate                   | LD50 Oral              | Rat     | 5620 mg/kg              | -        |
| 1-Propanol                      | LD50 Dermal            | Rabbit  | 5040 mg/kg              | -        |
|                                 | LD50 Oral              | Rat     | 1870 mg/kg              | -        |
| Isopropyl Alcohol               | LD50 Dermal            | Rabbit  | 12800 mg/kg             | -        |
|                                 | LD50 Oral              | Rat     | 5000 mg/kg              | -        |
| Bis(2-ethylhexyl) Phthalate     | LD50 Dermal            | Rabbit  | 25 g/kg                 | -        |
|                                 | LD50 Oral              | Rat     | 30 g/kg                 | -        |
| N-Butanol                       | LC50 Inhalation Vapour | Rat     | 24000 mg/m <sup>3</sup> | 4 hours  |
|                                 | LD50 Dermal            | Rabbit  | 3400 mg/kg              | -        |
|                                 | LD50 Oral              | Rat     | 790 mg/kg               | -        |

#### 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    | -           |
| Toluene                 | Eyes - Mild irritant     | Rabbit  | -     | 0.5 minutes 100 mg | -           |
|                         | Eyes - Mild irritant     | Rabbit  | -     | 870 ug             | -           |
|                         | Eyes - Severe irritant   | Rabbit  | -     | 24 hours 2 mg      | -           |
|                         | Skin - Mild irritant     | Pig     | -     | 24 hours 250 uL    | -           |
|                         | Skin - Mild irritant     | Rabbit  | -     | 435 mg             | -           |
|                         | Skin - Moderate irritant | Rabbit  | -     | 24 hours 20 mg     | -           |
| 1-Propanol              | Skin - Moderate irritant | Rabbit  | -     | 500 mg             | -           |
|                         | Eyes - Moderate irritant | Rabbit  | -     | 24 hours 20        | -           |



## Section 11. Toxicological information

|                             |                          |        |   |                         |   |
|-----------------------------|--------------------------|--------|---|-------------------------|---|
| Isopropyl Alcohol           | Skin - Mild irritant     | Human  | - | mg<br>47 hours 100<br>% | - |
|                             | Skin - Mild irritant     | Human  | - | 24 hours 100<br>%       | - |
|                             | Skin - Mild irritant     | Rabbit | - | 500 mg                  | - |
|                             | Eyes - Moderate irritant | Rabbit | - | 24 hours 100<br>mg      | - |
| Bis(2-ethylhexyl) Phthalate | Eyes - Moderate irritant | Rabbit | - | 10 mg                   | - |
|                             | Eyes - Severe irritant   | Rabbit | - | 100 mg                  | - |
|                             | Skin - Mild irritant     | Rabbit | - | 500 mg                  | - |
|                             | Eyes - Mild irritant     | Rabbit | - | 24 hours 500<br>mg      | - |
| N-Butanol                   | Eyes - Mild irritant     | Rabbit | - | 500 mg                  | - |
|                             | Skin - Mild irritant     | Rabbit | - | 24 hours 500<br>mg      | - |
|                             | Eyes - Severe irritant   | Rabbit | - | 24 hours 2<br>mg        | - |
|                             | Eyes - Severe irritant   | Rabbit | - | 0.005 MI                | - |
|                             | Skin - Moderate irritant | Rabbit | - | 24 hours 20<br>mg       | - |

### 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 exposure | Target organs                   |
|---------------------------------|------------|-------------------|---------------------------------|
| n-Butyl Acetate                 | Category 3 | -                 | Narcotic effects                |
| Toluene                         | Category 3 | -                 | Narcotic effects                |
| 2-methoxy-1-methylethyl acetate | Category 3 | -                 | Narcotic effects                |
| Ethyl Acetate                   | Category 3 | -                 | Narcotic effects                |
| 1-Propanol                      | Category 3 | -                 | Narcotic effects                |
| Isopropyl Alcohol               | Category 3 | -                 | Narcotic effects                |
| N-Butanol                       | Category 3 | -                 | Respiratory tract<br>irritation |
|                                 | Category 3 |                   | Narcotic effects                |

### Specific target organ toxicity (repeated exposure)

| Name    | Category   | Route of exposure | Target organs |
|---------|------------|-------------------|---------------|
| Toluene | Category 2 | -                 | -             |

### Aspiration hazard

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

## Section 11. Toxicological information

**Information on likely routes of exposure** : Not available.

### Potential acute health effects

- Eye contact** : Causes serious eye damage.
- Inhalation** : Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness.
- Skin contact** : Causes skin irritation.
- Ingestion** : Can cause central nervous system (CNS) depression. May be fatal if swallowed and enters airways.

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

- Eye contact** : Adverse symptoms may include the following:  
pain  
watering  
redness
- Inhalation** : Adverse symptoms may include the following:  
nausea or vomiting  
headache  
drowsiness/fatigue  
dizziness/vertigo  
unconsciousness  
reduced foetal weight  
increase in foetal deaths  
skeletal malformations
- Skin contact** : Adverse symptoms may include the following:  
pain or irritation  
redness  
blistering may occur  
reduced foetal weight  
increase in foetal deaths  
skeletal malformations
- Ingestion** : Adverse symptoms may include the following:  
stomach pains  
nausea or vomiting  
reduced foetal weight  
increase in foetal deaths  
skeletal malformations

### Delayed and immediate effects 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 effects** : Not available.
- Potential delayed effects** : Not available.

#### Potential chronic health effects

Not available.

- General** : May cause damage to organs through prolonged or repeated exposure.
- Carcinogenicity** : No known significant effects or critical hazards.
- Mutagenicity** : No known significant effects or critical hazards.
- Teratogenicity** : May damage the unborn child.
- Developmental effects** : No known significant effects or critical hazards.

## Section 11. Toxicological information

**Fertility effects** : May damage fertility.

### Numerical measures of toxicity

#### Acute toxicity estimates

| Route | ATE value      |
|-------|----------------|
| Oral  | 37190.62 mg/kg |

## Section 12. Ecological information

### Toxicity

| Product/ingredient name     | Result                                | Species   | Exposure |
|-----------------------------|---------------------------------------|---|----------|
| n-Butyl Acetate             | Acute LC50 32 mg/l Marine water       | Crustaceans - Artemia salina  | 48 hours |
|                             | Acute LC50 18000 µg/l Fresh water     | Fish - Pimephales promelas  | 96 hours |
| Toluene                     | Acute EC50 12500 µg/l Fresh water     | Algae - Pseudokirchneriella subcapitata                             | 72 hours |
|                             | Acute EC50 11600 µg/l Fresh water     | Crustaceans - Gammarus pseudolimnaeus - Adult                       | 48 hours |
|                             | Acute EC50 6000 µg/l Fresh water      | Daphnia - Daphnia magna - Juvenile (Fledgling, Hatchling, Weanling) | 48 hours |
|                             | Acute LC50 5500 µg/l Fresh water      | Fish - Oncorhynchus kisutch - Fry                                   | 96 hours |
| Ethyl Acetate               | Chronic NOEC 1000 µg/l Fresh water    | Daphnia - Daphnia magna   | 21 days  |
|                             | Acute EC50 2500000 µg/l Fresh water   | Algae - Selenastrum sp.   | 96 hours |
|                             | Acute LC50 750000 µg/l Fresh water    | Crustaceans - Gammarus pulex  | 48 hours |
|                             | Acute LC50 154000 µg/l Fresh water    | Daphnia - Daphnia cucullata   | 48 hours |
|                             | Acute LC50 212500 µg/l Fresh water    | Fish - Heteropneustes fossilis                                      | 96 hours |
|                             | Chronic NOEC 2400 µg/l Fresh water    | Daphnia - Daphnia magna   | 21 days  |
|                             | Chronic NOEC 75.6 mg/l Fresh water    | Fish - Pimephales promelas - Embryo                                 | 32 days  |
| 1-Propanol                  | Acute EC50 4480000 µg/l Fresh water   | Algae - Selenastrum sp.   | 96 hours |
|                             | Acute LC50 1000000 µg/l Fresh water   | Crustaceans - Gammarus pulex  | 48 hours |
|                             | Acute LC50 2950000 µg/l Fresh water   | Daphnia - Daphnia pulex   | 48 hours |
|                             | Acute LC50 3800000 µg/l Marine water  | Fish - Alburnus alburnus  | 96 hours |
| Isopropyl Alcohol           | Acute EC50 7550 mg/l Fresh water      | Daphnia - Daphnia magna - Neonate                                   | 48 hours |
|                             | Acute LC50 1400000 µg/l Marine water  | Crustaceans - Crangon crangon                                       | 48 hours |
|                             | Acute LC50 4200 mg/l Fresh water      | Fish - Rasbora heteromorpha   | 96 hours |
| Bis(2-ethylhexyl) Phthalate | Acute EC50 31000000 µg/l Marine water | Algae - Karenia brevis  | 96 hours |
|                             | Acute EC50 133 µg/l Fresh water       | Daphnia - Daphnia pulex - Neonate                                   | 48 hours |
|                             | Acute LC50 37.95 mg/l Fresh water     | Fish - Cyprinus carpio  | 96 hours |
|                             | Chronic NOEC 76 µg/l Marine water     | Algae - Hormosira banksii - Gamete                                  | 72 hours |
|                             | Chronic NOEC 109 µg/l Fresh water     | Crustaceans - Eurytemora affinis - Nauplii                          | 21 days  |
|                             | Chronic NOEC 0.077 mg/l Fresh water   | Daphnia - Daphnia magna   | 21 days  |
|                             | Chronic NOEC 0.1 µg/l Fresh water     | Fish - Poecilia reticulata - Larvae                                 | 28 days  |
| N-Butanol                   | Acute EC50 1983 mg/l Fresh water      | Daphnia - Daphnia magna   | 48 hours |
|                             | Acute LC50 1730000 µg/l Fresh water   | Fish - Pimephales promelas  | 96 hours |

### Persistence and degradability

## Section 12. Ecological information

| Product/ingredient name | Aquatic half-life | Photolysis | Biodegradability |
|-------------------------|-------------------|------------|------------------|
| n-Butyl Acetate         | -                 | -          | Readily          |
| Toluene                 | -                 | -          | Readily          |
| Ethyl Acetate           | -                 | -          | Readily          |
| Isopropyl Alcohol       | -                 | -          | Readily          |
| N-Butanol               | -                 | -          | Readily          |

### Bioaccumulative potential

| Product/ingredient name     | LogP <sub>ow</sub> | BCF  | Potential |
|-----------------------------|--------------------|------|-----------|
| Toluene                     | -                  | 90   | low       |
| Ethyl Acetate               | -                  | 30   | low       |
| Bis(2-ethylhexyl) Phthalate | -                  | 1380 | high      |

### Mobility in soil





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

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. 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. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapour from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

|                            | ADG  | ADR/RID  | IMDG  | IATA   |
|----------------------------|--|--|---|--|
| UN number                  | UN1263   | UN1263   | UN1263  | UN1263   |
| UN proper shipping name    | PAINT  | PAINT  | PAINT   | PAINT  |
| Transport hazard class(es) | 3<br> | 3<br> | 3<br> | 3<br> |
| Packing group              | II   | II   | II  | II   |
| Environmental hazards      | Not applicable.  | Not applicable.  | Not applicable.   | Not applicable.  |
|                            |  |  |   |  |

## Section 14. Transport information

|                               |  |  |                                     |                 |
|-------------------------------|--|--|-------------------------------------|-----------------|
| <b>Additional information</b> | <b>Hazchem code</b><br>Not applicable. | <b>Special provisions</b><br>640 (C)<br><b>Tunnel code</b> D/E | <b>Emergency schedules</b> F-E, S-E | Not applicable. |
|-------------------------------|--|--|-------------------------------------|-----------------|

**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.

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

## Section 15. Regulatory information

### Standard for the Uniform Scheduling of Medicines and Poisons

Not regulated.

### Model Work Health and Safety Regulations - Scheduled Substances

| <u>Ingredient name</u> | <u>Schedule</u>                        |
|------------------------|--|
| Cellulose Nitrate      | Prohibited [For wet abrasive blasting] |

### Agricultural and Veterinary Chemicals Code Act 1994

Not available.

### International regulations

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

Not listed.

#### Montreal Protocol

Not listed.

#### Stockholm Convention on Persistent Organic Pollutants

Not listed.

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

Not listed.

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

Not listed.

## Section 16. Any other relevant information

### History

**Date of printing** : 23, April, 2021.

**Date of issue/Date of revision** : 23, April, 2021

**Date of previous issue** : 14, May, 2020

**Version** : 6

### Key to abbreviations

: ADG = Australian Dangerous Goods  
 : ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road  
 : ATE = Acute Toxicity Estimate  
 : BCF = Bioconcentration Factor  
 : GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
 : IATA = International Air Transport Association  
 : IBC = Intermediate Bulk Container  
 : IMDG = International Maritime Dangerous Goods  
 : LogPow = logarithm of the octanol/water partition coefficient  
 : MARPOL = International Convention for the Prevention of Pollution From Ships,

## Section 16. Any other relevant information

1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

N/A = Not available

SUSMP = Standard Uniform Schedule of Medicine and Poisons

UN = United Nations

### Procedure used to derive the classification

| Classification  | Justification   |
|---|---|
| FLAMMABLE LIQUIDS - Category 2<br>SKIN CORROSION/IRRITATION - Category 2<br>SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1<br>REPRODUCTIVE TOXICITY - Category 1<br>SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE (Narcotic effects) - Category 3<br>SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE - Category 2<br>ASPIRATION HAZARD - Category 1 | On basis of test data<br>Calculation method<br>Calculation method<br>Calculation method<br>Calculation method<br>Calculation method<br>Calculation method |

**References** : Not available.

☑ Indicates information that has changed from previously issued version.

### Notice to reader

It is recommended that each customer or recipient of this Safety Data Sheet (SDS) study it carefully and consult resources, as necessary or appropriate, to become make themselves aware of and understand the data contained in this SDS and any hazards that may be associated with the product. This information is provided in good faith and believed to be accurate as of the effective date mentioned herein. However, no warranty, express or implied, is given. The information presented here applies only to the product as shipped. The addition of any material can may change later the composition, hazards and risks of the product. Products shall should not be repackaged, modified, or tinted except as specifically instructed by the manufacturer, including but not limited to, the incorporation of products not specified by the manufacturer, or the use or addition of products in proportions not specified by the manufacturer. Regulatory requirements are subject to change and may differ between various locations and jurisdictions. The customer/buyer/user is responsible to ensure that his activities comply with all country, federal, state, provincial or local laws. The conditions for the use of the product are not under the manufacturer's control of the manufacturer; the customer/buyer/user is responsible to for determine determining the conditions necessary for the safe use of this product. The customer/buyer/user should not use the product for any purpose other than the purpose shown in the applicable section of this SDS, without first referring to the supplier and obtaining written handling instructions. Due to the proliferation of sources for information such as manufacturer-specific SDS, the manufacturer cannot be held responsible for SDSs obtained from any other source.

**End of SDS**