In accordance with the Standard for Classification and Labelling of Chemical Substance and Material Safety Data Sheet, Article 10 Paragraph

# SAFETY DATA SHEET

### **Interlac 1 Blue Grey**

| A. | Product name   | :    | Interlac 1 Blue Grey  |                               |
|----|--|------|---|-------------------------------|
|    | Product code   | :    | CAA106  |                               |
|    | Identified uses  | :    | Professional application of co.<br>Industrial application of coatin   |                               |
| В. | Relevant identified uses                                   | of t | <u>he substance or mixture and</u>  | <u>l uses advised against</u> |
|    | Not applicable.  |      |   |                               |
| C. | Manufacturer   | :    | International Paint Ltd.<br>Stoneygate Lane<br>Felling<br>Gateshead<br>Tyne and Wear<br>NE10 0JY UK<br>Tel: +44 (0)191 469 6111 | Fax: +44 (0)191 438 3711      |
|    | Emergency telephone<br>number (with hours of<br>operation) | :    | +44 (0)191 469 6111 (24H)   |                               |
|    | -mail address of person<br>esponsible for this SDS         | :    | sdsfellinguk@akzonobel.com  |                               |

## Section 2. Hazards identification

| : FLAMMABLE LIQUIDS - Category 3                                    |
|---|
| SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1                     |
| SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract |
| irritation and Narcotic effects) - Category 3                       |
| AQUATIC TOXICITY (CHRONIC) - Category 3                             |
|   |

B. GHS label elements, including precautionary statements

| : |        | Ly w |  |
|---|--------|------|--|
| : | Danger |      |  |

| - J               | - 0 -  |
|-------------------|--|
| Hazard statements | : Flammable liquid and vapour.                     |
|                   | Causes serious eye damage.                         |
|                   | May cause respiratory irritation.                  |
|                   | May cause drowsiness or dizziness.                 |
|                   | Harmful to aquatic life with long lasting effects. |
|                   |  |

### Precautionary statements

Symbol

Signal word

:

Prevention: Wear protective gloves. Wear eye or face protection. Keep away from heat, sparks,<br/>open flames and hot surfaces. - No smoking. Use explosion-proof electrical,<br/>ventilating, lighting and all material-handling equipment. Use only non-sparking<br/>tools. Take precautionary measures against static discharge. Keep container<br/>tightly closed. Use only outdoors or in a well-ventilated area. Avoid release to the<br/>environment. Avoid breathing vapour. Wash hands thoroughly after handling.



# Section 2. Hazards identification

|    | Response  | : | IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable<br>for breathing. Call a POISON CENTER or physician if you feel unwell. IF ON SKIN<br>(or hair): Take off immediately all contaminated clothing. Rinse skin with water or<br>shower. IF IN EYES: Rinse cautiously with water for several minutes. Remove<br>contact lenses, if present and easy to do. Continue rinsing. Immediately call a<br>POISON CENTER or physician. |
|----|---|---|--|
|    | Storage   | : | Store locked up. Store in a well-ventilated place. Keep cool.  |
|    | Disposal  | : | Dispose of contents and container in accordance with all local, regional, national and international regulations.  |
| C. | Other hazards which do<br>not result in<br>classification | : | None known.  |

## Section 3. Composition/information on ingredients

Substance/mixture

: Mixture

| Ingredient name  | Common name   | CAS number | %          | Classification   |
|--|---|------------|------------|--|
| Solvent naphtha (petroleum),<br>light arom.                                    | solvent naphtha<br>(petroleum), light arom.                                   | 64742-95-6 | >=10 - <20 | Flam. Liq. 3, H226<br>STOT SE 3, H335 and<br>H336 (Respiratory<br>tract irritation and<br>Narcotic effects)<br>Asp. Tox. 1, H304<br>Aquatic Chronic 2,<br>H411               |
| titanium dioxide   | Titanium dioxide  | 13463-67-7 | >=15 - <20 | Not classified.  |
| calcium P,P'-<br>(1-hydroxyethylene)bis<br>(hydrogen phosphonate)<br>dihydrate | Calcium-P,P'-<br>(1-hydroxyethylene)bis<br>(hydrogenphosphonate)<br>dihydrate | 36669-85-9 | >=10 - <20 | Aquatic Chronic 3,<br>H412   |
| Talc , not containing asbestiform fibres                                       | talc (non-asbestos form)  | 14807-96-6 | >=5 - <10  | Not classified.  |
| butan-1-ol   | butan-1-ol  | 71-36-3    | >=5 - <10  | Flam. Liq. 3, H226<br>Acute Tox. 4, H302<br>Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>STOT SE 3, H335 and<br>H336 (Respiratory<br>tract irritation and<br>Narcotic effects) |
| 2-butanone oxime   | 2-butanone oxime  | 96-29-7    | <10        | Acute Tox. 4, H312<br>Eye Dam. 1, H318<br>Skin Sens. 1, H317<br>Carc. 2, H351  |
| neodecanoic acid, cobalt salt  | neodecanoic acid, cobalt<br>salt  | 27253-31-2 | <10        | Acute Tox. 4, H302<br>Skin Sens. 1, H317<br>Repr. 2, H361 (Fertility)<br>(oral)<br>Aquatic Chronic 2,<br>H411  |

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

| ·  |                            |   |  |
|----|----------------------------|---|--|
| Α. | Eye contact                | : | Get medical attention immediately. Call a poison center or physician. Immediately<br>flush eyes with plenty of water, occasionally lifting the upper and lower eyelids.<br>Check for and remove any contact lenses. Continue to rinse for at least 10 minutes.<br>Chemical burns must be treated promptly by a physician.  |
| В. | 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 10 minutes. Chemical burns must be treated promptly by a physician. Wash clothing before reuse. Clean shoes thoroughly before reuse.   |
| C. | 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.  |
| D. | Ingestion                  | : | Get medical attention immediately. Call a poison center or physician. Wash out<br>mouth with water. Remove dentures if any. Remove victim to fresh air and keep at<br>rest in a position comfortable for breathing. If material has been swallowed and the<br>exposed person is conscious, give small quantities of water to drink. Stop if the<br>exposed person feels sick as vomiting may be dangerous. Do not induce vomiting<br>unless directed to do so by medical personnel. If vomiting occurs, the head should<br>be kept low so that vomit does not enter the lungs. Chemical burns must be treated<br>promptly by a physician. Never give anything by mouth to an unconscious person.<br>If unconscious, place in recovery position and get medical attention immediately.<br>Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or<br>waistband. |
| E. | Notes to physician         | : | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.  |
|    | 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. Fire-fighting measures

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



## Section 5. Fire-fighting measures

|    |   |   | -  |
|----|---|---|--|
| В. | Specific hazards arising from the chemical            | : | 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. This material is harmful to aquatic life<br>with long lasting effects. Fire water contaminated with this material must be<br>contained and prevented from being discharged to any waterway, sewer or drain. |
|    | Hazardous thermal<br>decomposition products           | : | Decomposition products may include the following materials:<br>carbon dioxide<br>carbon monoxide<br>phosphorus oxides<br>metal oxide/oxides  |
| C. | Special protective<br>equipment for fire-<br>fighters | : | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.  |
|    | Special precautions for<br>fire-fighters              | : | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.   |

## Section 6. Accidental release measures

| Α. | Personal precautions, :<br>protective equipment<br>and emergency<br>procedures | 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. Do not breathe vapour or mist.<br>Provide adequate ventilation. Wear appropriate respirator when ventilation is<br>inadequate. Put on appropriate personal protective equipment.  |
|----|--|--|
|    | 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). Water polluting material. May be harmful<br>to the environment if released in large quantities.  |
| C. | Methods and materials for o  | containment and cleaning up  |
|    | Small spill :  | Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble.<br>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 spill product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal. |

## Section 7. Handling and storage

#### A. Precautions for safe handling

:

## Section 7. Handling and storage

|    | Protective measures  | : | Put on appropriate personal protective equipment (see Section 8). Do not get in<br>eyes or on skin or clothing. Do not breathe vapour or mist. Do not ingest. Avoid<br>release to the environment. Use only with adequate ventilation. Wear appropriate<br>respirator when ventilation is inadequate. Do not enter storage areas and confined<br>spaces unless adequately ventilated. Keep in the original container or an approved<br>alternative made from a compatible material, kept tightly closed when not in use.<br>Store and use away from heat, sparks, open flame or any other ignition source. Use<br>explosion-proof electrical (ventilating, lighting and material handling) equipment.<br>Use only non-sparking tools. Take precautionary measures against electrostatic<br>discharges. Empty containers retain product residue and can be hazardous. Do not<br>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.   |
| В. | Conditions for safe<br>storage, 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. Store locked up. 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

#### A. Control parameters

#### **Occupational exposure limits**

| Ingredient name | Exposure limits   |
|-----------------|---|
| butan-1-ol      | Ministry of Labor (Republic of Korea, 3/2012). Absorbed through skin. |
|                 | CEIL: 150 mg/m <sup>3</sup><br>CEIL: 50 ppm                           |

| В. | 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<br>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.  |

#### C. Personal protective equipment

**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.



# K.International.

## Section 8. Exposure controls/personal protection

| Eye 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.   |
|------------------|--|
| 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.  |
| 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.  |

# Section 9. Physical and chemical properties

| Α. | Appearance   |   |   |
|----|--|---|---|
|    | Physical state                                     | : | Liquid.   |
|    | Colour   | : | Grey.   |
| В. | Odour  | : | Solvent.  |
| C. | Odour threshold                                    | : | Not available.  |
| D. | рН   | : | Not applicable.   |
| Ε. | Melting/freezing point                             | : | Not available.  |
| F. | Boiling point/boiling<br>range                     | : | Lowest known value: 166°C (330.8°F) (Solvent naphtha (petroleum), light arom.). |
| G. | Flash point  | : | Closed cup: 40°C (104°F)  |
| Н. | Evaporation rate                                   | : | Not available.  |
| I. | Flammability (solid, gas)                          | : | Not available.  |
| J. | Lower and upper<br>explosive (flammable)<br>limits | : | Greatest known range: Lower: 1.4% Upper: 11.3% (butan-1-ol)                     |
| Κ. | Vapour pressure                                    | : | Not available.  |
| L. | Solubility   | : | Insoluble in the following materials: cold water.                               |
| Μ. | Vapour density                                     | : | Not available.  |
| N. | Relative density                                   | : | 1.39  |
|    |  |   |   |

:



## Section 9. Physical and chemical properties

| O. Partition coefficient: n-<br>octanol/water | : Not available.   |
|---|--|
| P. Auto-ignition<br>temperature               | : Not available.   |
| Q. Decomposition temperature                  | : Not available.   |
| R. Viscosity                                  | : Kinematic (room temperature): 252 mm <sup>2</sup> /s (252 cSt) |
| S. Molecular weight                           | : Not applicable.  |

# Section 10. Stability and reactivity

|    |                                     | - |   |
|----|-------------------------------------|---|---|
| Α. | Chemical stability                  | : | The product is stable.  |
|    | Possibility of hazardous reactions  | : | Under normal conditions of storage and use, hazardous reactions will not occur.   |
| В. | 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. |
| C. | Incompatible materials              | : | Reactive or incompatible with the following materials: oxidizing materials  |
| D. | Hazardous<br>decomposition products | : | Under normal conditions of storage and use, hazardous decomposition products should not be produced.  |

## Section 11. Toxicological information

| Α. | Information on the likely routes of exposure | :                                 | Not available.   |
|----|--|-----------------------------------|--|
|    | Potential acute health effe                  | ect                               | <u>'S</u>  |
|    | Inhalation                                   | :                                 | Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness. May cause respiratory irritation.  |
|    | Ingestion                                    | :                                 | Can cause central nervous system (CNS) depression. Irritating to mouth, throat and stomach.  |
|    | Skin contact                                 | :                                 | No known significant effects or critical hazards.  |
|    | Eye contact                                  | tact : Causes serious eye damage. |  |
|    | Over-exposure signs/sym                      | pt                                | <u>oms</u>   |
|    | Inhalation                                   | :                                 | Adverse symptoms may include the following:<br>respiratory tract irritation<br>coughing<br>nausea or vomiting<br>headache<br>drowsiness/fatigue<br>dizziness/vertigo<br>muscle weakness<br>unconsciousness |
|    | Ingestion                                    | :                                 | Adverse symptoms may include the following:<br>stomach pains   |
|    | Skin contact                                 | :                                 | Adverse symptoms may include the following:<br>pain or irritation<br>redness<br>blistering may occur   |

:

## Section 11. Toxicological information

#### Eye contact

: Adverse symptoms may include the following: pain watering redness

#### B. Health hazards

#### Acute toxicity

| Product/ingredient name                              | Result   | Species              | Dose                               | Exposure          |
|--|--|----------------------|------------------------------------|-------------------|
| Solvent naphtha (petroleum), light arom.             | LD50 Oral  | Rat                  | 8400 mg/kg                         | -                 |
| butan-1-ol   | LC50 Inhalation Vapour<br>LD50 Dermal<br>LD50 Oral | Rat<br>Rabbit<br>Rat | 24 mg/l<br>3400 mg/kg<br>790 mg/kg | 4 hours<br>-<br>- |
| 2-butanone oxime<br>neodecanoic acid, cobalt<br>salt | LD50 Dermal<br>LD50 Oral                           | Rat<br>Rat           | 1001 mg/kg<br>1098 mg/kg           | -                 |

#### Irritation/Corrosion

| Product/ingredient name                     | Result                   | Species | Score | Exposure                                      | Observation |
|---|--------------------------|---------|-------|---|-------------|
| Solvent naphtha<br>(petroleum), light arom. | Eyes - Mild irritant     | Rabbit  | -     | 24 hours<br>100<br>microliters                | -           |
| titanium dioxide                            | Skin - Mild irritant     | Human   | -     | 72 hours<br>300<br>Micrograms<br>Intermittent | -           |
| Talc , not containing asbestiform fibres    | Skin - Mild irritant     | Human   | -     | 72 hours<br>300<br>Micrograms<br>Intermittent | -           |
| butan-1-ol                                  | Eyes - Severe irritant   | Rabbit  | -     | 24 hours 2<br>milligrams                      | -           |
|   | Eyes - Severe irritant   | Rabbit  | -     | 0.005<br>Mililiters                           | -           |
|   | Skin - Moderate irritant | Rabbit  | -     | 24 hours 20<br>milligrams                     | -           |
| 2-butanone oxime                            | Eyes - Severe irritant   | Rabbit  | -     | 100<br>microliters                            | -           |

#### **Sensitisation**

Not available.

#### **Mutagenicity**

Not available.

#### **Carcinogenicity**

Not available.

#### Reproductive toxicity

Not available.

#### **Teratogenicity**

Not available.

:

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

# K.International.

## Section 11. Toxicological information

| Name                                     | Category   | Route of exposure | Target organs   |
|--|------------|-------------------|---|
| Solvent naphtha (petroleum), light arom. | Category 3 | Not applicable.   | Respiratory tract<br>irritation and<br>Narcotic effects |
| butan-1-ol                               | Category 3 | Not applicable.   | Respiratory tract<br>irritation and<br>Narcotic effects |

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

Not available.

#### Aspiration hazard

| Name                                     | Result                         |
|--|--------------------------------|
| Solvent naphtha (petroleum), light arom. | ASPIRATION HAZARD - Category 1 |

#### Potential chronic health effects

Chronic toxicity

#### Not available.

| General               | : No known significant effects or critical hazards. |
|-----------------------|---|
| 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. |

#### ATE value

| Route | Result      |
|-------|-------------|
| Oral  | 15800 mg/kg |

## Section 12. Ecological information

#### A. Ecotoxicity

| Product/ingredient name | Result  | Species  | Exposure |
|-------------------------|---|--|----------|
| butan-1-ol              | Acute EC50 1983 to 2072 mg/l Fresh water        | Daphnia - Daphnia magna  | 48 hours |
|                         | Acute LC50 1910 mg/l Fresh water                | Fish - Pimephales promelas -<br>Juvenile (Fledgling, Hatchling,<br>Weanling) | 96 hours |
| 2-butanone oxime        | Acute LC50 843000 to 914000 μg/l<br>Fresh water | Fish - Pimephales promelas   | 96 hours |

#### B. Persistence and degradability

| Product/ingredient name  | Aquatic half-life | Photolysis | Biodegradability |
|--------------------------|-------------------|------------|------------------|
| Solvent naphtha          | -                 | -          | Readily          |
| (petroleum), light arom. |                   |            |                  |

#### C. Bioaccumulative potential

# **X**.International.

# Section 12. Ecological information

| ¥  |        |             |           |
|--|--------|-------------|-----------|
| Product/ingredient name                  | LogPow | BCF         | Potential |
| Solvent naphtha (petroleum), light arom. | -      | 10 to 2500  | high      |
| titanium dioxide                         | -      | 352         | low       |
| butan-1-ol                               | 0.88   | -           | low       |
| 2-butanone oxime                         | 0.63   | 5.011872336 | low       |
| neodecanoic acid, cobalt salt            | -      | 15600       | high      |

#### D. Mobility in soil

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

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

### **Section 13. Disposal considerations**

| Α. | 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. Dispose of surplus and non-<br>recyclable products via a licensed waste disposal contractor. Waste should not be<br>disposed of untreated to the sewer unless fully compliant with the requirements of<br>all authorities with jurisdiction. Waste packaging should be recycled. Incineration or<br>landfill should only be considered when recycling is not feasible. |
|----|----------------------|--|
| В. | Disposal precautions | : 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.   |

**Disposal precautions** : 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. Vapor 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

|                                    | UN     | IMDG   | ΙΑΤΑ   |
|------------------------------------|--------|--------|--------|
| A. UN number                       | UN1263 | UN1263 | UN1263 |
| B. UN proper<br>shipping name      | PAINT  | PAINT  | PAINT  |
| C. Transport 3<br>hazard class(es) |        | 3      | 3      |
| D. Packing group                   |        | 111    | Ш      |
| E. Environmental<br>hazards        | No.    | No.    | No.    |
| F. Additional information          | -      | -      | -      |

IMDG Code Segregation : Not applicable. group

# **X**International

## Section 14. Transport information

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

| Α. | Regulation according to ISHA  |                |  |  |
|----|---|----------------|--|--|
|    | ISHA Article 37   | :              | The following components are listed: Talc  |  |
|    | ISHA Article 38   | :              | None of the components are listed.   |  |
|    | Article 2 of Youth<br>Protection Act on<br>Substances Hazardous<br>to Youth | :              | Not applicable.  |  |
|    | Exposure Limits of Chem   | ica            | I Substances and Physical Factors  |  |
|    | The following components<br>butan-1-ol                                      | s have an OEL: |  |  |
|    | Exposure Standards<br>established for Harmful<br>Factors                    | :              | None of the components are listed.   |  |
|    | Harmful Factors Subject<br>to Work Environment<br>Measurement               | :              | The following components are listed: Titanium dioxide; Talc, non-asbestos form; n-Butyl alcohol  |  |
|    | Harmful Factors Subject<br>to Special Health Check-<br>up                   | :              | The following components are listed: n-Butyl alcohol   |  |
|    | Hazardous Substances<br>Subject to Control                                  | :              | The following components are listed: Titanium dioxide; n-Butyl alcohol   |  |
| В. | Regulation according to 1   | CC             | CA   |  |
|    | TCCA Toxic chemicals  | :              | Not applicable   |  |
|    | TCCA Observational<br>chemicals   | :              | None of the components are listed.   |  |
|    | TCCA Article 32<br>(Banned)   | :              | The following components are listed: Talc  |  |
|    | TCCA Article 32<br>(Restricted)   | :              | None of the components are listed.   |  |
|    | TCCA Article 17 (TRI)   | :              | The following components are listed: Cobalt and its compounds  |  |
|    | Korea inventory   | :              | Not determined.  |  |
|    | Accident Precaution<br>chemicals  | :              | None of the components are listed.   |  |
| C. | Dangerous Materials<br>Safety Management Act                                | :              | Class: Class 4 - Flammable Liquid<br>Item: 4. Class 2 petroleums - Water-insoluble liquid<br>Threshold: 1000 L<br>Danger category: III<br>Signal word: Contact with sources of ignition prohibited |  |
| D. | Wastes regulation   | :              | Dispose of contents and container in accordance with all local, regional, national and international regulations.  |  |
| Е. | Regulation according to other foreign laws                                  |                |  |  |
|    | Europe inventory  | :              | Not determined.  |  |
|    | United States inventory<br>(TSCA 8b)  | :              | Not determined.  |  |
|    | Japan inventory   | :              | Not determined.  |  |

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# **X**.International.

## 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).

## Section 16. Other information

| A. References  | : Not available.   |  |  |
|--|--|--|--|
| B. Date of issue/Date of revision                                      | : 05/08/2014.  |  |  |
| C. Version   | : 1  |  |  |
| Date of printing   | : 05/08/2014.  |  |  |
| D. Other   |  |  |  |
| Indicates information that has changed from previously issued version. |  |  |  |
| Key to abbreviations   | <ul> <li>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 73/78 = International Convention for the Prevention of Pollution From<br/>Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)</li> </ul> |  |  |

#### Notice to reader

IMPORTANT NOTE: the information contained in this data sheet (as may be amended from time to time) is not intended to be exhaustive and is presented in good faith and believed to be correct as of the date on which it is prepared. It is the user's responsibility to verify that this data sheet is current prior to using the product to which it relates.

UN = United Nations

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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