



# SAFETY DATA SHEET

Issuing Date 16-Sep-2014

Revision Date 09-Jun-2015

Revision Number 1

## Section 1. Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

**Product Name** Dykem Brite-Mark Jumbo, all colors

**Part Number** Black (77002), Blue (77001), Green (77007), Orange (77005), Red (77006), White (77003), Yellow (77004)

**Formula Code** B047M (Black), B053M (Blue), B054M (Green), B055M (Orange), B056M (Red), B045M (White), B046M (Yellow)

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

**Recommended Use** Solvent based marker

**Uses advised against** No information available

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

|                                     |   |
|-------------------------------------|---|
| <b>Importer</b><br>(5511) 4785.2600 | <b>Supplier</b><br>ITW PRO BRANDS<br>805 E. Old 56 Highway<br>Olathe, KS 66061<br>TEL: 1-800-443-9536 |
|-------------------------------------|---|

### For further information, please contact

**E-mail Address** [cservice@itwprobrands.com](mailto:cservice@itwprobrands.com)

### 1.4. Emergency telephone number

**Emergency Telephone Number** 800-535-5053 Infotrac

|        |     |
|--------|-----|
| Europe | 112 |
|--------|-----|

## Section 2. Hazards identification

### 2.1. - Classification of the substance or mixture

#### REGULATION (EC) No 1272/2008

|   |             |
|---|-------------|
| Germ Cell Mutagenicity                                    | Category 1B |
| Carcinogenicity   | Category 1B |
| Specific Target Organ Systemic Toxicity (Single Exposure) | Category 3  |

#### Physical Hazards

|                   |            |
|-------------------|------------|
| Flammable liquids | Category 3 |
|-------------------|------------|

### 2.2. Label Elements

**Signal Word****Danger****Hazard Statements**

H336 - May cause drowsiness or dizziness

H340 - May cause genetic defects

H350 - May cause cancer

H226 - Flammable liquid and vapor

EUH066 - Repeated exposure may cause skin dryness or cracking

**Precautionary Statements - EU (§28, 1272/2008)**

P201 - Obtain special instructions before use

P281 - Use personal protective equipment as required

P308 + P313 - IF exposed or concerned: Get medical advice/ attention

P370 + P378 - In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction

**Precautionary Statements**

P201 - Obtain special instructions before use

P202 - Do not handle until all safety precautions have been read and understood

P308 + P313 - IF exposed or concerned: Get medical advice/ attention

P261 - Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray

P271 - Use only outdoors or in a well-ventilated area

P304 + P340 - IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing

P403 + P233 - Store in a well-ventilated place. Keep container tightly closed

P405 - Store locked up

P273 - Avoid release to the environment

P501 - Dispose of contents/ container to an approved waste disposal plant

P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking

P240 - Ground/Bond container and receiving equipment

P241 - Use explosion-proof electrical/ ventilating/ lighting/ equipment

P242 - Use only non-sparking tools

P243 - Take precautionary measures against static discharge

P280 - Wear protective gloves/ protective clothing/ eye protection/ face protection

P403 + P235 - Store in a well-ventilated place. Keep cool

**2.3. Other information****Section 3. Composition/information on ingredients****3.1. Not applicable**

Not applicable

**3.2. Mixtures**

| Chemical Name | EC-No | CAS-No | Weight % | EU - GHS Substance Classification | REACH No. |
|---------------|-------|--------|----------|-----------------------------------|-----------|
|---------------|-------|--------|----------|-----------------------------------|-----------|

|                                   |                        |            |         |   |                   |
|-----------------------------------|------------------------|------------|---------|---|-------------------|
| Propylene glycol monomethyl ether | 203-539-1              | 107-98-2   | 43.43   | Flam. Liq. 3 (H226)<br>STOT SE 3 (H336)   | No data available |
| Titanium dioxide                  | 236-675-5              | 13463-67-7 | 28.2295 |   | No data available |
| Carbon black                      | 215-609-9<br>435-640-3 | 1333-86-4  | 11.25   |   | No data available |
| n-Butyl acetate                   | Present                | 123-86-4   | 7.101   | (EUH066)<br>Flam. Liq. 3 (H226)<br>STOT SE 3 (H336)   | No data available |
| Petroleum naphtha, light aromatic | Present                | 64742-95-6 | 1.1835  | Muta. 1B (H340)<br>Carc. 1B (H350)<br>Asp. Tox. 1 (H304)  | No data available |
| 1,2,4 Trimethylbenzene            | Present                | 95-63-6    | 1.1835  | Skin Irrit. 2 (H315)<br>Flam. Liq. 3 (H226)<br>STOT SE 3 (H336)<br>Acute Tox. 4 (H332)<br>Eye Irrit. 2 (H319)<br>Aquatic Chronic 2 (H411) | No data available |

For the full text of the H-Statements mentioned in this Section, see Section 16

## Section 4. First aid measures

### 4.1. Description of first-aid measures

|                                   |   |
|-----------------------------------|---|
| <b>Eye Contact</b>                | Rinse thoroughly with plenty of water, also under the eyelids. Keep eye wide open while rinsing. If symptoms persist, call a physician.             |
| <b>Skin Contact</b>               | Wash skin with soap and water. If skin irritation persists, call a physician.   |
| <b>Ingestion</b>                  | Rinse mouth. Drink plenty of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Consult a physician if necessary |
| <b>Inhalation</b>                 | Move to fresh air. If breathing is difficult, give oxygen. If symptoms persist, call a physician.   |
| <b>Protection of First-aiders</b> | Remove all sources of ignition. Use personal protective equipment.  |

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

**Most Important Symptoms/Effects** No information available.

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

**Notes to Physician** Treat symptomatically.

## Section 5. Fire-fighting measures

### 5.1. Extinguishing media

#### Suitable Extinguishing Media

Dry chemical. Carbon dioxide (CO<sub>2</sub>). Foam.

#### Extinguishing media which must not be used for safety reasons

Water.

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

#### Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases

Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks).

### 5.3. Advice for firefighters

**Special protective equipment for fire-fighters**

As in any fire, wear self-contained breathing apparatus and full protective gear.

## Section 6. Accidental release measures

**6.1. Personal precautions, protective equipment and emergency procedures**

Remove all sources of ignition. Evacuate personnel to safe areas. Ensure adequate ventilation. Use personal protective equipment. Stop leak if you can do it without risk. Keep people away from and upwind of spill/leak. Do not touch or walk through spilled material.

**6.2. Environmental precautions**

Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system.

**6.3. Methods and materials for containment and cleaning up**

Small spillage: Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Large spillage: Pump or vacuum transfer spilled product to clean containers for recovery. Absorb unrecoverable product.

**6.4. Reference to other sections**

See Section 12 for additional information.

## Section 7. Handling and storage

**7.1. Precautions for Safe Handling****Handling**

Ensure adequate ventilation. Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharges. Use only in an area containing flame proof equipment. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Avoid contact with skin, eyes and clothing. Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers.

**Hygiene Measures**

When using, do not eat, drink or smoke. Provide regular cleaning of equipment, work area and clothing.

**7.2. Conditions for safe storage, including any incompatibilities**

Keep away from open flames, hot surfaces and sources of ignition. Keep away from incompatible materials. Keep containers tightly closed in a cool, well-ventilated place. Keep out of the reach of children. Keep container closed when not in use.

**7.3. Specific end use(s)****Exposure Scenario**

No information available.

**Other Guidelines**

No information available.

## Section 8. Exposure controls/personal protection

**8.1. Control parameters****Exposure Limits**

| Chemical Name                                 | EU   | The United Kingdom   | France  | Spain  | Germany  |
|---|--|--|---|--|--|
| Propylene glycol monomethyl ether<br>107-98-2 | S*<br>TWA 100 ppm<br>TWA 375 mg/m <sup>3</sup><br>STEL 150 ppm<br>STEL 568 mg/m <sup>3</sup> | STEL: 150 ppm<br>STEL: 560 mg/m <sup>3</sup><br>TWA: 100 ppm<br>TWA: 375 mg/m <sup>3</sup><br>Skin | VME: 50 ppm<br>VME: 188 mg/m <sup>3</sup><br>VLCT: 100 ppm<br>VLCT: 375 mg/m <sup>3</sup> | S*<br>VLA-EC: 150 ppm<br>VLA-EC: 568 mg/m <sup>3</sup><br>VLA-ED: 100 ppm<br>VLA-ED: 375 mg/m <sup>3</sup> | MAK: 100 ppm<br>MAK: 370 mg/m <sup>3</sup><br>Ceiling / Peak: 200 ppm<br>Ceiling / Peak: 740 mg/m <sup>3</sup><br>TWA: 100 ppm<br>TWA: 370 mg/m <sup>3</sup> |

|   |   |   |  |  |   |
|---|---|---|--|--|---|
| Titanium dioxide<br>13463-67-7                          |   | STEL: 30 mg/m <sup>3</sup><br>STEL: 12 mg/m <sup>3</sup><br>TWA: 10 mg/m <sup>3</sup><br>TWA: 4 mg/m <sup>3</sup> | VME: 10 mg/m <sup>3</sup>  | VLA-ED: 10 mg/m <sup>3</sup>   |   |
| Carbon black<br>1333-86-4                               |   | STEL: 7 mg/m <sup>3</sup><br>TWA: 3.5 mg/m <sup>3</sup>   | VME: 3.5 mg/m <sup>3</sup>   | VLA-ED: 3.5 mg/m <sup>3</sup>  |   |
| n-Butyl acetate<br>123-86-4                             |   | TWA: 150 ppm<br>TWA: 724 mg/m <sup>3</sup>  | TWA: 150 ppm<br>TWA: 710 mg/m <sup>3</sup><br>STEL: 200 ppm<br>STEL: 940 mg/m <sup>3</sup> | STEL: 200 ppm<br>STEL: 965 mg/m <sup>3</sup><br>TWA: 150 ppm<br>TWA: 724 mg/m <sup>3</sup>         | TWA: 100 ppm<br>TWA: 480 mg/m <sup>3</sup><br>Ceiling / Peak: 200 ppm<br>Ceiling / Peak: 960 mg/m <sup>3</sup><br>TWA: 62 ppm<br>TWA: 300 mg/m <sup>3</sup> |
| 1,2,4 Trimethylbenzene<br>95-63-6                       | TWA 20 ppm<br>TWA 100 mg/m <sup>3</sup>   | TWA: 25 ppm<br>TWA: 125 mg/m <sup>3</sup>   | TWA: 20 ppm<br>TWA: 100 mg/m <sup>3</sup><br>STEL: 50 ppm<br>STEL: 250 mg/m <sup>3</sup>   | TWA: 20 ppm<br>TWA: 100 mg/m <sup>3</sup>  | TWA: 20 ppm<br>TWA: 100 mg/m <sup>3</sup><br>Ceiling / Peak: 40 ppm<br>Ceiling / Peak: 200 mg/m <sup>3</sup>  |
| <b>Component</b>  | <b>Italy</b>  | <b>Portugal</b>   | <b>The Netherlands</b>   | <b>Finland</b>   | <b>Denmark</b>  |
| Propylene glycol monomethyl ether<br>107-98-2 ( 43.43 ) | TWA: 100 ppm<br>TWA: 375 mg/m <sup>3</sup><br>STEL: 150 ppm<br>STEL: 568 mg/m <sup>3</sup><br>Skin  | STEL: 150 ppm<br>TWA: 100 ppm   | Skin<br>STEL: 563 mg/m <sup>3</sup><br>TWA: 375 mg/m <sup>3</sup>                          | TWA: 100 ppm<br>TWA: 370 mg/m <sup>3</sup><br>STEL: 150 ppm<br>STEL: 560 mg/m <sup>3</sup><br>Skin | TWA: 50 ppm<br>TWA: 185 mg/m <sup>3</sup>   |
| Titanium dioxide<br>13463-67-7 ( 28.2295 )              |   | TWA: 10 mg/m <sup>3</sup>   |  |  | TWA: 6 mg/m <sup>3</sup>  |
| Carbon black<br>1333-86-4 ( 11.25 )                     |   | TWA: 3.5 mg/m <sup>3</sup>  |  | TWA: 3.5 mg/m <sup>3</sup><br>STEL: 7 mg/m <sup>3</sup>  | TWA: 3.5 mg/m <sup>3</sup>  |
| n-Butyl acetate<br>123-86-4 ( 7.101 )                   |   | STEL: 200 ppm<br>TWA: 150 ppm   |  | TWA: 150 ppm<br>TWA: 720 mg/m <sup>3</sup><br>STEL: 200 ppm<br>STEL: 960 mg/m <sup>3</sup>         | TWA: 150 ppm<br>TWA: 710 mg/m <sup>3</sup>  |
| 1,2,4 Trimethylbenzene<br>95-63-6 ( 1.1835 )            | TWA: 20 ppm<br>TWA: 100 mg/m <sup>3</sup>   | TWA: 20 ppm<br>TWA: 100 mg/m <sup>3</sup>   | STEL: 200 mg/m <sup>3</sup><br>TWA: 100 mg/m <sup>3</sup>                                  | TWA: 20 ppm<br>TWA: 100 mg/m <sup>3</sup>  | TWA: 20 ppm<br>TWA: 100 mg/m <sup>3</sup>   |
| <b>Chemical Name</b>                                    | <b>Austria</b>  | <b>Switzerland</b>  | <b>Poland</b>  | <b>Norway</b>  | <b>Ireland</b>  |
| Propylene glycol monomethyl ether<br>107-98-2           | Skin<br>STEL 50 ppm<br>STEL 187 mg/m <sup>3</sup><br>MAK: 50 ppm<br>MAK: 187 mg/m <sup>3</sup><br>Ceiling 50 ppm<br>Ceiling 187 mg/m <sup>3</sup> | STEL: 200 ppm<br>STEL: 720 mg/m <sup>3</sup><br>MAK: 100 ppm<br>MAK: 360 mg/m <sup>3</sup>                        | NDSch: 360 mg/m <sup>3</sup><br>NDS: 180 mg/m <sup>3</sup>                                 | TWA: 50 ppm<br>TWA: 180 mg/m <sup>3</sup><br>Skin<br>STEL: 75 ppm<br>STEL: 225 mg/m <sup>3</sup>   | TWA: 100 ppm<br>TWA: 375 mg/m <sup>3</sup><br>STEL: 150 ppm<br>STEL: 568 mg/m <sup>3</sup>  |
| Titanium dioxide<br>13463-67-7                          | STEL 10 mg/m <sup>3</sup><br>MAK: 5 mg/m <sup>3</sup>   | MAK: 3 mg/m <sup>3</sup>  | NDSch: 30 mg/m <sup>3</sup><br>NDS: 10.0 mg/m <sup>3</sup>                                 | TWA: 5 mg/m <sup>3</sup><br>STEL: 10 mg/m <sup>3</sup>   | TWA: 10 mg/m <sup>3</sup><br>TWA: 4 mg/m <sup>3</sup>   |
| Carbon black<br>1333-86-4                               |   |   | NDS: 4.0 mg/m <sup>3</sup>   | TWA: 3.5 mg/m <sup>3</sup><br>STEL: 7 mg/m <sup>3</sup>  | TWA: 3.5 mg/m <sup>3</sup><br>STEL: 7 mg/m <sup>3</sup>   |
| n-Butyl acetate<br>123-86-4                             | STEL 100 ppm<br>STEL 480 mg/m <sup>3</sup><br>TWA: 100 ppm<br>TWA: 480 mg/m <sup>3</sup>  | STEL: 200 ppm<br>STEL: 960 mg/m <sup>3</sup><br>TWA: 100 ppm<br>TWA: 480 mg/m <sup>3</sup>                        | STEL: 950 mg/m <sup>3</sup><br>TWA: 200 mg/m <sup>3</sup>                                  |  | TWA: 150 ppm<br>TWA: 710 mg/m <sup>3</sup><br>STEL: 200 ppm<br>STEL: 950 mg/m <sup>3</sup>  |
| 1,2,4 Trimethylbenzene<br>95-63-6                       | STEL 30 ppm<br>STEL 150 mg/m <sup>3</sup><br>TWA: 20 ppm<br>TWA: 100 mg/m <sup>3</sup>  | STEL: 40 ppm<br>STEL: 200 mg/m <sup>3</sup><br>TWA: 20 ppm<br>TWA: 100 mg/m <sup>3</sup>                          | STEL: 170 mg/m <sup>3</sup><br>TWA: 100 mg/m <sup>3</sup>                                  | TWA: 20 ppm<br>TWA: 100 mg/m <sup>3</sup><br>STEL: 30 ppm<br>STEL: 150 mg/m <sup>3</sup>           | TWA: 20 ppm<br>TWA: 100 mg/m <sup>3</sup><br>STEL: 60 ppm<br>STEL: 300 mg/m <sup>3</sup><br>Skin  |
| <b>Chemical Name</b>                                    | <b>European Union</b>   | <b>United Kingdom</b>   | <b>France</b>  | <b>Spain</b>   | <b>Germany</b>  |

|  |                |  |  |               |  |
|--|----------------|--|--|---------------|--|
| 1,2,4 Trimethylbenzene<br>95-63-6                |                |  | 600 mg/g creatinine<br>urine end of shift after<br>several shifts Total<br>Dimethylbenzoic acids<br>(after hydrolysis) in<br>urine |               | 400 mg/g urine end of<br>shift Dimethylbenzoic<br>acid sum of all<br>isomers after<br>hydrolysis; measured<br>as mg/g Creatinine<br>400 mg/g urine end of<br>several shifts<br>Dimethylbenzoic acid<br>sum of all isomers<br>after hydrolysis;<br>measured as mg/g<br>Creatinine; for<br>long-term exposures |
| <b>Chemical Name</b>                             | <b>Austria</b> | <b>Switzerland</b>                                   | <b>Poland</b>  | <b>Norway</b> | <b>Ireland</b>   |
| Propylene glycol monomethyl<br>ether<br>107-98-2 |                | 20 mg/L urine end of<br>shift<br>1-Methoxypropanol-2 |  |               |  |

**Derived No Effect Level** No information available  
**Predicted No Effect Concentration (PNEC)** No information available.

## 8.2. Exposure controls

**Engineering Measures** Ensure adequate ventilation, especially in confined areas.  
**Personal protective equipment**  
**Eye Protection** If splashes are likely to occur, wear: Chemical splash goggles.  
**Skin and Body Protection** Risk of contact: Boots. Apron.  
**Hand Protection** If skin contact possible: Chemical resistant gloves  
**Respiratory Protection** No special protective equipment required. If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn.

**Environmental Exposure Controls** Do not allow material to contaminate ground water system.

## Section 9. Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

**Physical State** Liquid  
**Odor** Sweet  
**Appearance** Opaque, Thin viscosity. Varies.

| <u>Property</u>                               | <u>Values</u>  | <u>Remarks/ - Method</u> |
|---|--|--------------------------|
| <b>pH</b>                                     | No data available                                    | None known               |
| <b>Melting Point/Range</b>                    | No data available                                    | None known               |
| <b>Boiling Point/Boiling Range</b>            | 84.4 °C / 184 °F                                     | None known               |
| <b>Flash Point</b>                            | 31.7 °C / 89 °F                                      | Tag closed cup           |
| <b>Evaporation rate</b>                       | < 1 (BuAc = 1)                                       | None known               |
| <b>Flammability (solid, gas)</b>              | No data available                                    | None known               |
| <b>Vapor Pressure</b>                         | No data available                                    | None known               |
| <b>Vapor Density</b>                          | > 1 (air = 1)  | None known               |
| <b>Relative Density</b>                       | > 1 @ 70°F   | None known               |
| <b>Water Solubility</b>                       | Slightly soluble                                     | None known               |
| <b>Solubility in other solvents</b>           | No data available                                    | None known               |
| <b>Partition coefficient: n-octanol/water</b> | No data available                                    | None known               |
| <b>Autoignition Temperature</b>               | No data available                                    | None known               |
| <b>Decomposition Temperature</b>              | No data available                                    | None known               |
| <b>Viscosity</b>                              | No data available                                    | None known               |
| <b>Flammable Properties</b>                   | Flammable; may be ignited by heat, sparks or flames. |                          |
| <b>Explosive Properties</b>                   | No data available                                    |                          |
| <b>Oxidizing Properties</b>                   | No data available                                    |                          |

### 9.2. Other information

|                                   |   |
|-----------------------------------|---|
| <b>VOC Content (%)</b>            | B047M Black: 64.8%<br>B054M Green: 67.67%<br>B045M White: 53.74%<br>B056M Red: 71.00%<br>B053M Blue: 70.01%<br>B046M Yellow: 67.52%<br>B055M Orange: 67.48%         |
| <b>VOC (g/l)</b>                  | B047M Black: 648 g/L<br>B054M Green: 718 g/L<br>B045M White: 674 g/L<br>B056M Red: 717 g/L<br>B053M Blue: 719 g/L<br>B046M Yellow: 710 g/L<br>B055M Orange: 694 g/L |
| <b>Flammability Limits in Air</b> |   |
| <b>Upper</b>                      | 10.9  |
| <b>Lower</b>                      | 1.5   |

## Section 10. Stability and reactivity

### 10.1. Reactivity

No data available.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

None under normal processing.

### 10.4. Conditions to avoid

Heat, flames and sparks. Incompatible products.

### 10.5. Incompatible materials

Strong oxidizing agents. Strong reducing agents. Strong alkalis. Strong acids.

### 10.6. Hazardous decomposition products

Nitrogen oxides (NOx). Carbon oxides. Soot. Smoke

## Section 11. Toxicological information

### 11.1. Information on toxicological effects

#### Acute Toxicity

##### Product Information

##### Inhalation

May cause drowsiness and dizziness.

##### Eye Contact

Contact with eyes may cause irritation.

##### Skin Contact

May cause irritation.

##### Ingestion

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

| Chemical Name                             | LD50 Oral             | LD50 Dermal              | LC50 Inhalation                                  |
|---|-----------------------|--------------------------|--|
| Propylene glycol monomethyl ether acetate | = 8532 mg/kg ( Rat )  | > 5000 mg/kg ( Rabbit )  | 5321 mg/m <sup>3</sup>                           |
| Propylene glycol monomethyl ether         | = 5200 mg/kg ( Rat )  | = 13000 mg/kg ( Rabbit ) | > 24 mg/L ( Rat ) 1 h<br>= 54.6 mg/L ( Rat ) 4 h |
| Titanium dioxide                          | > 10000 mg/kg ( Rat ) |                          |  |
| Carbon black                              | > 15400 mg/kg ( Rat ) | > 3 g/kg ( Rabbit )      |  |
| n-Butyl acetate                           | = 10768 mg/kg ( Rat ) | > 17600 mg/kg ( Rabbit ) | = 391 ppm ( Rat ) 4 h                            |
| Aluminum hydroxide                        | > 5000 mg/kg ( Rat )  | -                        | -  |
| Silicon dioxide                           | > 5000 mg/kg ( Rat )  | > 2000 mg/kg ( Rabbit )  | >2.2 mg/L ( Rat ) 4 h                            |
| 1,2,4 Trimethylbenzene                    | = 3280 mg/kg ( Rat )  | > 3160 mg/kg ( Rabbit )  | = 18 g/m <sup>3</sup> ( Rat ) 4 h                |

|                                   |                      |                         |                        |
|-----------------------------------|----------------------|-------------------------|------------------------|
| Petroleum naphtha, light aromatic | = 8400 mg/kg ( Rat ) | > 2000 mg/kg ( Rabbit ) | = 3400 ppm ( Rat ) 4 h |
| Silica                            | = 3160 mg/kg ( Rat ) |                         |                        |

|                                 |   |
|---------------------------------|---|
| <b>Sensitization</b>            | No information available.   |
| <b>Mutagenic Effects</b>        | May cause genetic defects.  |
| <b>Carcinogenic Effects</b>     | May cause cancer. The table below indicates whether each agency has listed any ingredient as a carcinogen |
| <b>Reproductive Toxicity</b>    | No information available.   |
| <b>Developmental Toxicity</b>   | No information available.   |
| <b>STOT - single exposure</b>   | No information available.   |
| <b>STOT - repeated exposure</b> | No information available.   |
| <b>Target Organ Effects</b>     | Blood. Central nervous system (CNS). Eyes. Lungs. Lymphatic system. Respiratory system. Skin.             |
| <b>Aspiration Hazard</b>        | No information available.   |

## Section 12. Ecological information

### 12.1. Toxicity

#### Ecotoxicity Effects

Contains no substances known to be hazardous to the environment or that are not degradable in waste water treatment plants.

| Chemical Name                     | Toxicity to Algae                                 | Toxicity to Fish   | Toxicity to Microorganisms   | Daphnia Magna (Water Flea)              |
|-----------------------------------|---|--|--|---|
| Propylene glycol monomethyl ether |   | LC50 96 h: 4600-10000 mg/L static (Leuciscus idus)<br>LC50 96 h: = 20.8 g/L static (Pimephales promelas)   |  | EC50 48 h: = 23300 mg/L (Daphnia magna) |
| Carbon black                      |   |  |  | EC50 24 h: > 5600 mg/L (Daphnia magna)  |
| n-Butyl acetate                   | EC50 72 h: = 674.7 mg/L (Desmodesmus subspicatus) | LC50 96 h: 17 - 19 mg/L flow-through (Pimephales promelas) LC50 96 h: = 100 mg/L static (Lepomis macrochirus) LC50 96 h: = 62 mg/L static (Leuciscus idus) | EC50 = 70.0 mg/L 5 min<br>EC50 = 82.2 mg/L 15 min<br>EC50 = 959 mg/L 18 h<br>EC50 = 98.9 mg/L 30 min | EC50 24 h: = 72.8 mg/L (Daphnia magna)  |
| Petroleum naphtha, light aromatic |   | LC50 96 h: = 9.22 mg/L (Oncorhynchus mykiss)   |  | EC50 48 h: = 6.14 mg/L (Daphnia magna)  |
| 1,2,4 Trimethylbenzene            |   | LC50 96 h: 7.19 - 8.28 mg/L flow-through (Pimephales promelas)   |  | EC50 48 h: = 6.14 mg/L (Daphnia magna)  |

### 12.2. Persistence and degradability

No information available.

### 12.3. Bioaccumulative potential.

| Chemical Name                     | Log Pow |
|-----------------------------------|---------|
| Propylene glycol monomethyl ether | -0.437  |
| n-Butyl acetate                   | 1.81    |
| 1,2,4 Trimethylbenzene            | 3.63    |

### 12.4. Mobility in soil

Adsorbs on soil.

### 12.5. Results of PBT and vPvB assessment



No information available.

#### 12.6. Other adverse effects

This product does not contain any known or suspected endocrine disruptors.

### Section 13. Disposal considerations

#### 13.1. Waste treatment methods

##### **Waste from Residues / Unused Products**

Dispose of in accordance with local regulations.

##### **Contaminated Packaging**

Empty containers should be taken to an approved waste handling site for recycling or disposal.

### Section 14. Transport information

#### IMDG/IMO

|  |                                      |
|--|--------------------------------------|
| 14.1. UN-Number  | UN1263                               |
| 14.2. Proper Shipping Name   | Paint                                |
| 14.3. Hazard Class   | 3                                    |
| 14.4. Packing Group  | III                                  |
| Description  | UN1263, Paint, 3, III, (31.7°C c.c.) |
| 14.5. Marine Pollutant   | None.                                |
| 14.6. Special Provisions   | None.                                |
| EmS No.  | F-E, S-E                             |
| 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code | No information available.            |

#### RID

|                            |                       |
|----------------------------|-----------------------|
| 14.1. UN-Number            | UN1263                |
| 14.2. Proper Shipping Name | Paint                 |
| 14.3. Hazard Class         | 3                     |
| 14.4. Packing Group        | III                   |
| Description                | UN1263, Paint, 3, III |
| 14.5. Environmental hazard | None.                 |
| 14.6. Special Provisions   | None.                 |
| Classification Code        | F1                    |

#### ADR

|                            |                              |
|----------------------------|------------------------------|
| 14.1. UN-Number            | UN1263                       |
| 14.2. Proper Shipping Name | Paint                        |
| 14.3. Hazard Class         | 3                            |
| 14.4. Packing Group        | III                          |
| Description                | UN1263, Paint, 3, III, (D/E) |
| 14.5. Environmental hazard | None.                        |
| 14.6. Special Provisions   | None.                        |
| Classification Code        | F1                           |
| Tunnel Restriction Code    | (D/E)                        |

#### ICAO

|                            |                       |
|----------------------------|-----------------------|
| 14.1. UN-Number            | UN1263                |
| 14.2. Proper shipping name | Paint                 |
| 14.3. Hazard Class         | 3                     |
| 14.4. Packing Group        | III                   |
| Description                | UN1263, Paint, 3, III |
| 14.5. Environmental hazard | None.                 |

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>14.6. Special Provisions</b>   | None.                 |
| <b>IATA</b>                       |                       |
| <b>14.1. UN-Number</b>            | UN1263                |
| <b>14.2. Proper Shipping Name</b> | Paint                 |
| <b>14.3. Hazard Class</b>         | 3                     |
| <b>14.4. Packing Group</b>        | III                   |
| <b>Description</b>                | UN1263, Paint, 3, III |
| <b>14.5. Environmental hazard</b> | None.                 |
| <b>14.6. Special Provisions</b>   | None.                 |
| <b>ERG Code</b>                   | 3L                    |

## Section 15. Regulatory information

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

#### International Inventories

|                      |   |
|----------------------|---|
| <b>TSCA</b>          | - |
| <b>EINECS/ELINCS</b> | - |
| <b>DSL/NDSL</b>      | - |
| <b>PICCS</b>         | - |
| <b>ENCS</b>          | - |
| <b>IECSC</b>         | - |
| <b>AICS</b>          | - |
| <b>KECL</b>          | - |

#### Legend

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**IECSC** - China Inventory of Existing Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances

### 15.2. Chemical Safety Assessment

No information available

## Section 16. Other information

#### Full text of H-Statements referred to under sections 2 and 3

H226 - Flammable liquid and vapor  
H336 - May cause drowsiness or dizziness  
H340 - May cause genetic defects if inhaled  
H350 - May cause cancer if swallowed  
H304 - May be fatal if swallowed and enters airways  
H315 - Causes skin irritation  
H335 - May cause respiratory irritation  
H332 - Harmful if inhaled  
H319 - Causes serious eye irritation  
H411 - Toxic to aquatic life with long lasting effects  
EUH066 - Repeated exposure may cause skin dryness or cracking

#### Key literature references and sources for data

[www.ChemADVISOR.com/](http://www.ChemADVISOR.com/)

|                      |             |
|----------------------|-------------|
| <b>Issuing Date</b>  | 16-Sep-2014 |
| <b>Revision Date</b> | 09-Jun-2015 |

**Revision Note** Change to composition.

This safety data sheet complies with the requirements of Commission Regulation (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No. 1907/2006

**General Disclaimer**

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Safety Data Sheet