

## Safety Data Sheet

According to Regulations for Hazardous Chemical Agents, 2021 and United Nations GHS revision 8 Issue date: 7/11/2023 Version: 1.0

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

#### 1.1. GHS product identifier

Product form : Mixture

Trade name : Dura - 2K Enamel - Clear

Type of product : Coatings
Product code : 2KCLEAR
Product group : Trade product

#### 1.2. Other means of identification

No additional information available

#### 1.3. Recommended use of the chemical and restrictions on use

Use of the substance/mixture : Light industrial coating applications

#### 1.4. Supplier's details

#### Manufacturer

Dura Paints (Pty) Ltd.

5 Wakefield Road; Founders View South.

P.O. Box 303

1610 Edenvale; Johannesburg - South Africa

T 011 452 5221

Contact: Lizel Rosemann

#### 1.5. Emergency phone number

Emergency number : 079 494 2731 / 011 452 5221

### **SECTION 2: Hazard identification**

#### 2.1. GHS classification of the substance/mixture and any national or regional information

#### **Classification according to the United Nations GHS**

Flammable liquids, Category 2 H225 Acute toxicity (dermal), Category 4 H312 Acute toxicity (inhalation:dust,mist) Category 4 H332 Skin corrosion/irritation, Category 2 H315 Serious eye damage/eye irritation, Category 2 H319 Carcinogenicity, Category 1B H350 Specific target organ toxicity - Repeated exposure, Category 2 H373 Hazardous to the aquatic environment - Acute Hazard, Category 2 H401

Full text of H-statements: see section 16

Adverse physicochemical, human health and

environmental effects

 Highly flammable liquid and vapour, May cause cancer, May cause damage to organs through prolonged or repeated exposure, Harmful in contact with skin, Harmful if inhaled, Causes skin irritation, Causes serious eye irritation, Toxic to aquatic life

#### 2.2. GHS label elements, including precautionary statements

#### Labelling according to the United Nations GHS

Hazard pictograms (GHS ZA)







Signal word (GHS-ZA) : Danger

Hazardous ingredients : 2-butoxyethanol; Xylene; Cumene; ethylbenzene; 4-methylpentan-2-one

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Hazard statements (GHS ZA) : H225 - Highly flammable liquid and vapour

H312+H332 - Harmful in contact with skin or if inhaled

H315 - Causes skin irritation

H319 - Causes serious eye irritation

H350 - May cause cancer (Inhalation)

H373 - May cause damage to organs (hearing organs) through prolonged or repeated

exposure (Inhalation)

H401 - Toxic to aquatic life

Precautionary statements (GHS ZA) : P102 - Keep out of reach of children.

P103 - Read carefully and follow all instructions.

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

No smoking.

P261 - Avoid breathing dust, mist, spray, vapours.

P273 - Avoid release to the environment.

P280 - Wear eye protection, protective clothing, protective gloves.

P319 - Get medical help if you feel unwell. P501 - Dispose of container to recycling.

#### 2.3. Other hazards which do not result in classification or are not covered by the GHS

No additional information available

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

#### 3.1. Substance

Not applicable

#### 3.2. Mixture

| Name  | Product identifier   | %                  | Classification according to the United Nations GHS  |
|---|----------------------|--------------------|---|
| Xylene  | CAS-No.: 1330-20-7   | 34.037 –<br>66.911 | Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Acute Tox. Not classified (Inhalation:dust,mist) Skin Irrit. 2, H315 STOT RE Not classified Aquatic Chronic Not classified |
| 1,3,5-trimethylbenzene; 1-ethyl-4-methylbenzene; prop-1-en-2-ylbenzene; propan-2-ylbenzene; propylbenzene | CAS-No.: 128601-23-0 | 5 – 10             | Flam. Liq. 3, H226<br>Acute Tox. 3 (Inhalation:vapour),<br>H331<br>STOT RE Not classified<br>Aquatic Acute 1, H400  |
| 4-methylpentan-2-one  | CAS-No.: 108-10-1    | 4.975 – 9.95       | Flam. Liq. 2, H225<br>Acute Tox. 4 (Inhalation), H332<br>Eye Irrit. 2, H319<br>Carc. 2, H351<br>STOT SE 3, H336   |
| 2-butoxyethanol   | CAS-No.: 111-76-2    | 1.2 – 3.5          | Acute Tox. 4 (Oral), H302<br>Acute Tox. 4 (Dermal), H312<br>Acute Tox. 4 (Inhalation:vapour),<br>H332<br>Skin Irrit. 2, H315<br>Eye Irrit. 2, H319  |

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| Name         | Product identifier | %            | Classification according to the United Nations GHS  |
|--------------|--------------------|--------------|---|
| ethylbenzene | CAS-No.: 100-41-4  | 0.51 – 2.433 | Flam. Liq. 2, H225<br>Acute Tox. 4 (Inhalation:vapour),<br>H332<br>STOT RE 2, H373<br>Asp. Tox. 1, H304 |
| Cumene       | CAS-No.: 98-82-8   | 0.005 - 0.2  | Flam. Liq. 3, H226<br>Carc. 1B, H350<br>STOT SE 3, H335<br>Asp. Tox. 1, H304<br>Aquatic Chronic 3, H412 |

#### **SECTION 4: First aid measures**

#### 4.1. Description of necessary first aid measures

First-aid measures general : IF exposed or concerned: Get medical advice/attention. Call a poison center or a doctor if

you feel unwell.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Call a poison center or a

doctor if you feel unwell.

First-aid measures after skin contact : Rinse skin with water/shower. Take off immediately all contaminated clothing. If skin

irritation occurs: Get medical advice/attention.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy

to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

#### 4.2. Most important symptoms/effect, acute and delayed

Symptoms/effects after skin contact : Irritation.
Symptoms/effects after eye contact : Eye irritation.

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

Treat symptomatically.

### **SECTION 5: Fire-fighting measures**

#### 5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

#### 5.2. Specific hazards arising from the chemical

Fire hazard : Highly flammable liquid and vapour. Hazardous decomposition products in case of fire : Toxic fumes may be released.

#### 5.3. Special protective actions for fire-fighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained

breathing apparatus. Complete protective clothing

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

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

#### 6.1.1. For non-emergency personnel

Emergency procedures : No open flames, no sparks, and no smoking. Only qualified personnel equipped with

suitable protective equipment may intervene. Do not breathe

dust/fume/gas/mist/vapours/spray.

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#### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information

refer to section 8: "Exposure controls/personal protection".

#### 6.2. Environmental precautions

Avoid release to the environment. Notify authorities if product enters sewers or public waters.

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

For containment : Collect spillage.

Methods for cleaning up : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or

public waters.

Other information : Dispose of materials or solid residues at an authorized site.

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

#### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks,

open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapours may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Take all necessary technical measures to avoid or minimize the release of the product on the workplace. Limit quantities of product at the minimum necessary for handling and limit the number of

exposed workers. Provide local exhaust or general room ventilation. Floors, walls and other surfaces in the hazard area must be cleaned regularly. Do not breathe dust/fume/gas/mist/vapours/spray. Do not get in eyes, on skin, or on clothing.

Hygiene measures : Separate working clothes from town clothes. Launder separately. Wash contaminated

clothing before reuse. Do not eat, drink or smoke when using this product. Always wash

hands after handling the product.

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

Technical measures : Ground/bond container and receiving equipment.

Storage conditions : Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.

#### **SECTION 8: Exposure controls/personal protection**

#### 8.1. Control parameters

| 2-butoxyethanol (111-76-2)  |  |
|---|--|
| South Africa - Occupational Exposure Limits (Maximum Limits)      |  |
| Local name  | 2-Butoxyethanol [EGBE]                                   |
| RHCA - STEL/C [ppm]   | 40 ppm   |
| Regulatory reference  | Government Notice No. R. 280, 2021                       |
| South Africa - Occupational Exposure Limits (Airborne Pollutants) |  |
| Local name  | 2-Butoxyethanol (Ethylene glycol monobutyl ether [EGBE]) |
| OEL TWA   | 120 mg/m³  |
| OEL TWA [ppm]   | 25 ppm   |
| Remark  | Sk (Danger of cutaneous absorption)                      |
| Regulatory reference  | Government Notice No. R 904                              |
| South Africa - Biological limit values                            |  |
| Local name  | 2-Butoxyethanol  |

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| 2-butoxyethanol (111-76-2)  |   |  |
|---|---|--|
| BEI   | 200 mg/g creatinine Parameter: Butoxyacetic acid (BAA) - Medium: urine - Sampling time: End of shift  |  |
| Regulatory reference  | Government Notice No. R. 280, 2021  |  |
| Xylene (1330-20-7)  |   |  |
| South Africa - Occupational Exposure Limits (Restr                | ricted Limits)  |  |
| Local name  | Xylene, o-, m-, p- or mixed isomers   |  |
| OEL eight hour TWA [ppm]  | 300 ppm   |  |
| RHCA - STEL/C [ppm]   | 200 ppm   |  |
| Remark  | SKIN (danger of cutaneous absorption)   |  |
| Regulatory reference  | Government Notice No. R. 280, 2021  |  |
| South Africa - Occupational Exposure Limits (Airbo                | orne Pollutants)  |  |
| Local name  | Xylene, o-, m-, p- or mixed isomers   |  |
| OEL TWA   | 218 mg/m³   |  |
| OEL TWA [ppm]   | 50 ppm  |  |
| OEL STEL  | 435 mg/m³   |  |
| OEL STEL [ppm]  | 100 ppm   |  |
| Remark  | Sk (Danger of cutaneous absorption)   |  |
| Regulatory reference  | Government Notice No. R 904   |  |
| South Africa - Biological limit values                            |   |  |
| Local name  | Xylenes   |  |
| BEI   | 1.5 g/g creatinine Parameter: Methylhippuric acids - Medium: urine - Sampling time: End of shift  |  |
| Regulatory reference  | Government Notice No. R. 280, 2021  |  |
| ethylbenzene (100-41-4)   |   |  |
| South Africa - Occupational Exposure Limits (Restr                | ricted Limits)  |  |
| Local name  | Ethyl benzene   |  |
| RHCA - STEL/C [ppm]   | 40 ppm  |  |
| Remark  | CARC (denotes carcinogenicity, which is based on GHS categorisation, including category 1A, 1B), SKIN (danger of cutaneous absorption)                    |  |
| Regulatory reference  | Government Notice No. R. 280, 2021  |  |
| South Africa - Occupational Exposure Limits (Airborne Pollutants) |   |  |
| Local name  | Ethyl benzene   |  |
| OEL TWA   | 435 mg/m³   |  |
| OEL TWA [ppm]   | 100 ppm   |  |
| OEL STEL  | 545 mg/m³   |  |
| OEL STEL [ppm]  | 125 ppm   |  |
| Regulatory reference  | Government Notice No. R 904   |  |
| South Africa - Biological limit values                            |   |  |
| Local name  | Ethyl benzene   |  |
| BEI   | 0.15 g/g creatinine Parameter: Sum of mandelic acid and phenylglyoxylic acid - Medium: urine - Sampling time: End of shift - Notations: Ns (non-specific) |  |

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| ethylbenzene (100-41-4) |                                    |
|-------------------------|------------------------------------|
| Regulatory reference    | Government Notice No. R. 280, 2021 |

#### 8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station. Environmental exposure controls : Avoid release to the environment.

#### 8.3. Individual protection measures, such as personal protective equipment

Hand protection : Protective gloves
Eye protection : Safety glasses

Skin and body protection : Wear suitable protective clothing

Respiratory protection : [In case of inadequate ventilation] wear respiratory protection.

Personal protective equipment symbol(s)







#### 8.4. Exposure limit values for the other components

No additional information available

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

#### 9.1. Basic physical and chemical properties

Physical state : Liquid

Appearance : Clear, colorless liquid.

Colour : Colourless. Can be tinted to various colours.

Odour : Aromatic solvent like odour.
Odour threshold : No data available

: No data available pH solution : No data available Relative evaporation rate (butylacetate=1) : No data available Relative evaporation rate (ether=1) : No data available Melting point : Not applicable Freezing point : No data available : No data available Boiling point No data available Flash point Auto-ignition temperature : No data available Decomposition temperature : No data available

Flammability : Highly flammable liquid and vapour.

No data available

No data available

Vapour pressure : No data available
Vapour pressure at 50°C : No data available
Relative vapour density at 20°C : No data available

Relative density : ≈ 1

Lower explosion limit

Upper explosion limit

Relative density of saturated gas/air mixture No data available Density No data available Relative gas density No data available Solubility : No data available Partition coefficient n-octanol/water (Log Pow) : No data available Partition coefficient n-octanol/water (Log Kow) : No data available · No data available Viscosity, kinematic : > 300 - < 580 cP Viscosity, dynamic : No data available Explosive properties Oxidising properties : No data available **Explosive limits** : No data available

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Physical state : Liquid

Appearance : Clear, colorless liquid.

#### 9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

#### **SECTION 10: Stability and Reactivity**

#### 10.1. Reactivity

Highly flammable liquid and vapour.

#### 10.2. Chemical Stability

Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

#### 10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

#### 10.5. Incompatible materials

No additional information available

#### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## **SECTION 11: Toxicological information**

#### 11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified

Acute toxicity (dermal) : Harmful in contact with skin.

Acute toxicity (inhalation) : Harmful if inhaled.

| Troute textority (initialitation)                      | Training in initialist.  |
|--|--|
| Dura - 2K Enamel - Clear                               |  |
| ATE ZA (Dermal)  | 1562.256 mg/kg bodyweight  |
| ATE ZA (dust, mist)                                    | 1.952 mg/l/4h  |
| 2-butoxyethanol (111-76-2)                             |  |
| LD50 oral  | 1414 mg/kg bodyweight Animal: guinea pig, Guideline: OECD Guideline 401 (Acute Oral Toxicity), 95% CL: 1020 - 1961 |
| Xylene (1330-20-7)                                     |  |
| LD50 oral rat  | ≈ 3523 mg/kg bodyweight  |
| LD50 dermal rabbit                                     | 12126 mg/kg bodyweight Animal: rabbit, Animal sex: male, Remarks on results: other:                                |
| LC50 Inhalation - Rat                                  | ≈ 27.124 mg/l Source: ECHA   |
| 1,3,5-trimethylbenzene; 1-ethyl-4-methylbenze<br>23-0) | ene; prop-1-en-2-ylbenzene; propan-2-ylbenzene; propylbenzene (128601-   |
| LD50 dermal rabbit                                     | > 3160 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)                      |
| LD50 dermal  | 2  |
| LC50 Inhalation - Rat                                  | > 6.193 mg/l/4h Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity)                             |

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| Cumene (98-82-8)                                |   |
|---|---|
| LD50 dermal rabbit                              | > 3160 mg/kg bodyweight Animal: rabbit  |
| ethylbenzene (100-41-4)                         |   |
| LD50 oral rat                                   | ≈ 3500 mg/kg bodyweight Animal: rat   |
| 4-methylpentan-2-one (108-10-1)                 |   |
| LD50 oral rat                                   | ≈ 4570 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)  |
| Skin corrosion/irritation                       | : Causes skin irritation.   |
| Serious eye damage/irritation                   | : Causes serious eye irritation.  |
| Respiratory or skin sensitisation               | : Not classified  |
| Germ cell mutagenicity                          | : Not classified  |
| Carcinogenicity                                 | : May cause cancer (Inhalation).  |
| Reproductive toxicity                           | : Not classified  |
| STOT-single exposure                            | : Not classified  |
| Cumene (98-82-8)                                |   |
| STOT-single exposure                            | May cause respiratory irritation.   |
| 4-methylpentan-2-one (108-10-1)                 |   |
| STOT-single exposure                            | May cause drowsiness or dizziness.  |
| STOT-repeated exposure                          | : May cause damage to organs (hearing organs) through prolonged or repeated exposure (Inhalation).  |
| 2-butoxyethanol (111-76-2)                      |   |
| NOAEL (dermal, rat/rabbit, 90 days)             | > 150 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 411 (Subchronic Dermal Toxicity: 90-Day Study), Remarks on results: other:   |
| Xylene (1330-20-7)                              |   |
| LOAEL (oral, rat, 90 days)                      | 150 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents), Guideline: EPA OPP 82-1 (90-Day Oral Toxicity) |
| 1,3,5-trimethylbenzene; 1-ethyl-4-methylb 23-0) | enzene; prop-1-en-2-ylbenzene; propan-2-ylbenzene; propylbenzene (128601-   |
| NOAEL (oral, rat, 90 days)                      | 600 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-<br>Day Oral Toxicity Study in Rodents)   |
| ethylbenzene (100-41-4)                         |   |
| NOAEL (oral, rat, 90 days)                      | 75 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 407 (Repeated Dose 28-Day Oral Toxicity Study in Rodents)  |
| STOT-repeated exposure                          | May cause damage to organs through prolonged or repeated exposure.  |
| 4-methylpentan-2-one (108-10-1)                 |   |
| LOAEL (oral, rat, 90 days)                      | 1000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-<br>Day Oral Toxicity Study in Rodents)  |
| NOAEL (oral, rat, 90 days)                      | 250 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-<br>Day Oral Toxicity Study in Rodents)   |
| NOAEC (inhalation, rat, vapour, 90 days)        | 4.106 mg/l air Animal: rat, Guideline: OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day Study)  |
| Aspiration hazard                               | : Not classified  |

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## **SECTION 12: Ecological information**

## 12.1. Toxicity

Ecology - general : Toxic to aquatic life. Hazardous to the aquatic environment, short–term : Toxic to aquatic life.

(acute)

Hazardous to the aquatic environment, long-term : Not classified

(chronic)

| (Chronic)   |   |
|---|---|
| 2-butoxyethanol (111-76-2)                            |   |
| LC50 - Fish [1]                                       | 1474 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)  |
| EC50 - Crustacea [1]                                  | ≈ 1800 mg/l Test organisms (species): Daphnia magna   |
| NOEC (chronic)  | 100 mg/l Test organisms (species): Daphnia magna Duration: '21 d'   |
| NOEC chronic fish                                     | ≥ 100 mg/l Test organisms (species): Oryzias latipes Duration: '14 d'   |
| Xylene (1330-20-7)                                    |   |
| EC50 - Crustacea [1]                                  | > 3.4 mg/l Test organisms (species): Ceriodaphnia dubia   |
| LOEC (chronic)  | 3.16 mg/l Test organisms (species): Daphnia magna Duration: '21 d'  |
| NOEC chronic fish                                     | > 1.3 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) Duration: '56 d'                                |
| 1,3,5-trimethylbenzene; 1-ethyl-4-methylbenz<br>23-0) | ene; prop-1-en-2-ylbenzene; propan-2-ylbenzene; propylbenzene (128601-  |
| EC50 72h - Algae [1]                                  | 0.42 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum) |
| EC50 72h - Algae [2]                                  | 0.29 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum) |
| Cumene (98-82-8)                                      |   |
| LC50 - Fish [1]                                       | 4.7 mg/l Test organisms (species): Cyprinodon variegatus  |
| LC50 - Fish [2]                                       | 4.8 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)   |
| EC50 - Crustacea [1]                                  | 2.14 mg/l Test organisms (species): Daphnia magna   |
| EC50 72h - Algae [1]                                  | 2.01 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)                                      |
| EC50 72h - Algae [2]                                  | 1.29 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)                                      |
| NOEC (chronic)  | 0.35 mg/l Test organisms (species): Daphnia magna Duration: '21 d'  |
| NOEC chronic fish                                     | 0.38 mg/l Test organisms (species): other: Duration: '28 d'   |
| ethylbenzene (100-41-4)                               |   |
| LC50 - Fish [1]                                       | 5.1 mg/l Test organisms (species): Menidia menidia  |
| EC50 72h - Algae [1]                                  | 5.4 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)  |
| EC50 72h - Algae [2]                                  | 4.9 mg/l Test organisms (species): Skeletonema costatum   |
| EC50 96h - Algae [1]                                  | 3.6 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)  |
| EC50 96h - Algae [2]                                  | 7.7 mg/l Test organisms (species): Skeletonema costatum   |
| LOEC (chronic)  | 1.7 mg/l Test organisms (species): Ceriodaphnia dubia Duration: '7 d'   |
|   |   |

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| ethylbenzene (100-41-4)         |   |
|---------------------------------|---|
| NOEC (chronic)                  | 0.96 mg/l Test organisms (species): Ceriodaphnia dubia Duration: '7 d'              |
| 4-methylpentan-2-one (108-10-1) |   |
| LC50 - Fish [1]                 | > 179 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio) |
| EC50 - Crustacea [1]            | > 200 mg/l Test organisms (species): Daphnia magna                                  |

## 12.2. Persistence and degradability

| Dura - 2K Enamel - Clear      |                                     |
|-------------------------------|-------------------------------------|
| Persistence and degradability | No additional information available |

#### 12.3. Bioaccumulative potential

| Dura - 2K Enamel - Clear  |                                     |
|---------------------------|-------------------------------------|
| Bioaccumulative potential | No additional information available |

#### 12.4. Mobility in soil

| Dura - 2K Enamel - Clear |                                     |
|--------------------------|-------------------------------------|
| Mobility in soil         | No additional information available |

#### 12.5. Other adverse effects

Ozone : Not classified

Other adverse effects : No additional information available

## **SECTION 13: Disposal Considerations**

#### 13.1. Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

Additional information : Flammable vapours may accumulate in the container.

## **SECTION 14: Transport information**

In accordance with SANS / IMDG / IATA

| SANS                               | IMDG    | IATA    |  |
|------------------------------------|---------|---------|--|
| 14.1. UN number                    |         |         |  |
| 1307                               | 1307    | 1307    |  |
| 14.2. UN Proper Shipping Name      |         |         |  |
| XYLENES                            | XYLENES | Xylenes |  |
| 14.3. Transport hazard class(es)   |         |         |  |
| 3                                  | 3       | 3       |  |
| 3                                  | 3       | 3       |  |
| 14.4. Packing group, if applicable |         |         |  |
| III                                | III     | III     |  |

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| SANS                                   | IMDG  | IATA                               |  |
|--|---|------------------------------------|--|
| 14.5. Environmental hazards            |   |                                    |  |
| Dangerous for the environment : No     | Dangerous for the environment : No<br>Marine pollutant : No | Dangerous for the environment : No |  |
| No supplementary information available |   |                                    |  |

#### 14.6. Special precautions for user

**SANS** 

Special provisions (SANS) : 223 Limited quantities (SANS) : 5 L Limited quantities (SANS) : 5 L

Packagings, large packagings and IBCs Packing

instructions (SANS)

Portable tank and bulk containers instructions : T2

(SANS)

Portable tank and bulk container special provisions : TP1

(SANS)

**IMDG** 

Special provisions (IMDG) : 223
Limited quantities (IMDG) : 5 L

Excepted quantities (IMDG) : E1

Packing instructions (IMDG) : P001, LP01

IBC packing instructions (IMDG) : IBC03

Tank instructions (IMDG) : T2

Tank special provisions (IMDG) : TP1

EmS-No. (Fire) : F-E - FIRE SCHEDULE Echo - NON-WATER-REACTIVE FLAMMABLE LIQUIDS

: P001, IBC03, LP01

EmS-No. (Spillage) : S-D - SPILLAGE SCHEDULE Delta - FLAMMABLE LIQUIDS

Stowage category (IMDG) : A

Flash point (IMDG) : 23°C to 30°C c.c.

Properties and observations (IMDG) : Colourless liquids. Flashpoint: 23°C to 30°C c.c. Explosive limits: 1.1% to 7% Immiscible

with water.

**IATA** 

PCA Excepted quantities (IATA) : E1 PCA Limited quantities (IATA) : Y344 PCA limited quantity max net quantity (IATA) : 10L PCA packing instructions (IATA) : 355 PCA max net quantity (IATA) : 60L CAO packing instructions (IATA) : 366 CAO max net quantity (IATA) : 220L Special provisions (IATA) : A3 ERG code (IATA) : 3L

#### 14.7. Transport in bulk according to IMO instructions

Not applicable

#### **SECTION 15: Regulatory information**

## 15.1. Safety, health and environmental regulations specific for the product in question

No additional information available

#### **SECTION 16: Other information**

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# Safety Data Sheet

According to Regulations for Hazardous Chemical Agents, 2021 and United Nations GHS revision 8

| Full text of H-statements: |   |  |
|----------------------------|---|--|
| H225                       | Highly flammable liquid and vapour                                |  |
| H226                       | Flammable liquid and vapour                                       |  |
| H302                       | Harmful if swallowed  |  |
| H304                       | May be fatal if swallowed and enters airways                      |  |
| H312                       | Harmful in contact with skin                                      |  |
| H315                       | Causes skin irritation  |  |
| H318                       | Causes serious eye damage   |  |
| H319                       | Causes serious eye irritation                                     |  |
| H331                       | Toxic if inhaled  |  |
| H332                       | Harmful if inhaled  |  |
| H335                       | May cause respiratory irritation                                  |  |
| H336                       | May cause drowsiness or dizziness                                 |  |
| H340                       | May cause genetic defects   |  |
| H350                       | May cause cancer  |  |
| H351                       | Suspected of causing cancer                                       |  |
| H361                       | Suspected of damaging fertility or the unborn child               |  |
| H372                       | Causes damage to organs through prolonged or repeated exposure    |  |
| Н373                       | May cause damage to organs through prolonged or repeated exposure |  |
| H400                       | Very toxic to aquatic life  |  |
| H401                       | Toxic to aquatic life   |  |
| H410                       | Very toxic to aquatic life with long lasting effects              |  |
| H412                       | Harmful to aquatic life with long lasting effects                 |  |

Safety Data Sheet (SDS), South Africa (HCA)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

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