

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

1.1. GHS product identifier

| | |
|-----------------|--------------------------|
| Product form | : Mixture |
| Trade name | : Dura - Floorkote Green |
| Type of product | : Coatings |
| Product code | : FLOORGR |
| 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 : Floor coating

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 3 | H226 |
| Acute toxicity (inhalation:vapour) Category 3 | H331 |
| Skin corrosion/irritation, Category 2 | H315 |
| Skin sensitisation, Category 1 | H317 |
| Germ cell mutagenicity, Category 1B | H340 |
| Carcinogenicity, Category 1B | H350 |
| Specific target organ toxicity – Repeated exposure, Category 1 | H372 |
| Aspiration hazard, Category 1 | H304 |
| Hazardous to the aquatic environment – Acute Hazard, Category 2 | H401 |
| Hazardous to the aquatic environment – Chronic Hazard, Category 2 | H411 |

Full text of H-statements: see section 16

Adverse physicochemical, human health and environmental effects : Flammable liquid and vapour, May cause cancer, May cause genetic defects, Causes damage to organs through prolonged or repeated exposure, Toxic if inhaled, Causes skin irritation, May cause an allergic skin reaction, May be fatal if swallowed and enters airways, Toxic to aquatic life, Toxic to aquatic life with long lasting effects.

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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 :

Butanone oxime; Cobalt bis(2-ethylhexanoate); Solvent naphtha (petroleum), light arom.; (Z)-octadec-9-en-1-aminium salts of tall-oil fatty acids; Fatty acids, C18-unsatd., trimers, compds. with oleylamine; Xylene; Ethylbenzene; Solvent naphtha (petroleum), medium aliph.; Lead Sulfochromate

Hazard statements (GHS ZA) :

H226 - Flammable liquid and vapour
H304 - May be fatal if swallowed and enters airways
H315 - Causes skin irritation
H317 - May cause an allergic skin reaction
H331 - Toxic if inhaled
H340 - May cause genetic defects (Inhalation)
H350 - May cause cancer (Inhalation)
H372 - Causes damage to organs (central nervous system) through prolonged or repeated exposure (Inhalation)
H411 - Toxic to aquatic life with long lasting effects

Precautionary statements (GHS ZA) :

P102 - Keep out of reach of children.
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P273 - Avoid release to the environment.
P280 - Wear eye protection, protective clothing, protective gloves.
P319 - Get medical help if you feel unwell.
P331 - Do NOT induce vomiting.
P501 - Dispose of container to recycling.
P103 - Read carefully and follow all instructions.
P261 - Avoid breathing mist, spray, vapours.

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 |
|--|---------------------|-----------------|--|
| Solvent naphtha (petroleum), medium aliph. | CAS-No.: 64742-88-7 | 19.52 – 30.65 | Flam. Liq. 3, H226 Acute Tox. Not classified (Oral) Acute Tox. 3 (Inhalation:vapour), H331 STOT RE 1, H372 Asp. Tox. 1, H304 |
| Xylene | CAS-No.: 1330-20-7 | 20.356 – 30.095 | Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Aquatic Acute 3, H402 |

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| Name | Product identifier | % | Classification according to the United Nations GHS |
|--|-----------------------|-----------------|---|
| Ethylbenzene | CAS-No.: 100-41-4 | 6.77 – 11.235 | Flam. Liq. 2, H225 Acute Tox. 4 (Inhalation:vapour), H332 STOT RE 2, H373 Asp. Tox. 1, H304 |
| Solvent naphtha (petroleum), heavy arom. | CAS-No.: 64742-94-5 | 2.7 – 6.25 | STOT RE 2, H373 Asp. Tox. 1, H304 |
| Lead Sulfochromate | CAS-No.: 1344-37-2 | 1 – 3 | Carc. 1B, H350 STOT RE 2, H373 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 |
| Solvent naphtha (petroleum), light arom. | CAS-No.: 64742-95-6 | 0.15 – 0.5 | Flam. Liq. 3, H226 Muta. 1B, H340 Carc. 1B, H350 STOT SE 3, H336 STOT RE 3, H335 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 |
| Fatty acids, C18-unsatd., trimers, compds. with oleylamine | CAS-No.: 147900-93-4 | 0.15 – 0.5 | Acute Tox. 4 (Oral), H302 Skin Sens. 1, H317 STOT RE 2, H373 Aquatic Chronic 2, H411 |
| Titanium dioxide | CAS-No.: 13463-67-7 | 0.1 – 0.5 | Acute Tox. Not classified (Inhalation:dust,mist) Carc. 2, H351 |
| Butanone oxime | CAS-No.: 96-29-7 | 0.0995 – 0.4975 | Flam. Liq. 4, H227 Acute Tox. 3 (Oral), H301 Acute Tox. 4 (Dermal), H312 Acute Tox. 3 (Inhalation:vapour), H331 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Carc. 1B, H350 STOT SE 1, H370 STOT SE 3, H336 STOT RE 1, H372 Aquatic Chronic 2, H411 |
| Cobalt bis(2-ethylhexanoate) | CAS-No.: CAS 136-52-7 | 0.1366 – 0.365 | Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Skin Irrit. 2, H315 Skin Sens. 1, H317 STOT RE 1, H372 Aquatic Chronic 2, H411 |
| (Z)-octadec-9-en-1-aminium salts of tall-oil fatty acids | CAS-No.: 85711-55-3 | 0.1 – 0.25 | Eye Dam. 1, H318 Skin Sens. 1A, H317 STOT RE 2, H373 |

SECTION 4: First aid measures

4.1. Description of necessary first aid measures

- First-aid measures general : Call a physician immediately.
First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Call a doctor.

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| | |
|---------------------------------------|--|
| First-aid measures after skin contact | : Rinse skin with water/shower. Take off immediately all contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention. |
| First-aid measures after eye contact | : Rinse eyes with water as a precaution. |
| First-aid measures after ingestion | : Do not induce vomiting. Call a physician immediately. |

4.2. Most important symptoms/effect, acute and delayed

| | |
|-------------------------------------|--|
| Symptoms/effects after skin contact | : Irritation. May cause an allergic skin reaction. |
| Symptoms/effects after ingestion | : Risk of lung oedema. |

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 | : 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. |
|----------------------|---|

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. |

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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. Avoid contact with skin and eyes.
- Hygiene measures : Separate working clothes from town clothes. Launder separately. Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. 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

| Xylene (1330-20-7) | |
|--|--|
| South Africa - Occupational Exposure Limits (Restricted 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 (Airborne Pollutants) | |
| Local name | Xylene, o-, m-, p- or mixed isomers |
| OEL TWA | 218 mg/m ³ |
| OEL TWA [ppm] | 50 ppm |
| OEL STEL | 435 mg/m ³ |
| 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 |

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| Ethylbenzene (100-41-4) | |
|--|---|
| South Africa - Occupational Exposure Limits (Restricted 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/m ³ |
| OEL TWA [ppm] | 100 ppm |
| OEL STEL | 545 mg/m ³ |
| 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) |
| Regulatory reference | Government Notice No. R. 280, 2021 |
| Titanium dioxide (13463-67-7) | |
| South Africa - Occupational Exposure Limits (Restricted Limits) | |
| Local name | Titanium dioxide |
| RHCA - STEL/C | 10 mg/m ³ 10 mg/m ³ total inhalable dust 5 mg/m ³ respirable dust |
| Remark | CARC (denotes carcinogenicity, which is based on GHS categorisation, including category 1A, 1B) |
| Regulatory reference | Government Notice No. R. 280, 2021 Government Notice. R: 1179 |
| South Africa - Occupational Exposure Limits (Airborne Pollutants) | |
| Local name | Titanium dioxide |
| OEL TWA | 10 mg/m ³ inhalable particulate 5 mg/m ³ respirable particulate |
| Regulatory reference | Government Notice No. R 904 |

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)

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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 | : Semi Gloss. |
| Colour | : Green. |
| Odour | : Pungent. |
| Odour threshold | : No data available |
| pH | : 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 |
| Boiling point | : No data available |
| Flash point | : > 29 – < 70 °C |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Flammability | : Flammable liquid and vapour. |
| 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 – < 1.1 |
| 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 |
| Viscosity, kinematic | : > 1 – < 2.4 mm ² /s |
| Viscosity, dynamic | : No data available |
| Explosive properties | : No data available |
| Oxidising properties | : No data available |
| Explosive limits | : No data available |
| Lower explosion limit | : No data available |
| Upper explosion limit | : No data available |
| Physical state | : Liquid |
| Appearance | : Semi Gloss. |

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

No additional information available

SECTION 10: Stability and Reactivity

10.1. Reactivity

Flammable liquid and vapour.

10.2. Chemical Stability

Stable under normal conditions.

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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) : Not classified
Acute toxicity (inhalation) : Toxic if inhaled.

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| | |
|------------------|---------------|
| ATE ZA (vapours) | 7.156 mg/l/4h |
|------------------|---------------|

Butanone oxime (96-29-7)

| | |
|--------------------|---|
| LD50 dermal rabbit | > 1000 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity) |
|--------------------|---|

| | |
|-----------------------|---|
| LC50 Inhalation - Rat | > 4.83 mg/l/4h Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity) |
|-----------------------|---|

Cobalt bis(2-ethylhexanoate) (CAS 136-52-7)

| | |
|---------------|--|
| LD50 oral rat | 3129 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 425 (Acute Oral Toxicity: Up-and-Down Procedure), 95% CL: 1750 - 5000 |
|---------------|--|

| | |
|-----------------|--|
| LD50 dermal rat | > 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity) |
|-----------------|--|

| | |
|--------------------|--|
| LD50 dermal rabbit | ≈ 1244 mg/kg Category 4 based on GHS criteria ; Source: ECHA |
|--------------------|--|

Solvent naphtha (petroleum), light arom. (64742-95-6)

| | |
|---------------|--|
| LD50 oral rat | > 5000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity) |
|---------------|--|

(Z)-octadec-9-en-1-aminium salts of tall-oil fatty acids (85711-55-3)

| | |
|---------------|---|
| LD50 oral rat | > 2000 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 423 (Acute Oral toxicity - Acute Toxic Class Method), Guideline: EU Method B.1 tris (Acute Oral Toxicity - Acute Toxic Class Method), Guideline: EPA OPPTS 870.1100 (Acute Oral Toxicity), Guideline: other., Remarks on results: other: |
|---------------|---|

Xylene (1330-20-7)

| | |
|---------------|-------------------------|
| LD50 oral rat | 3523 mg/kg Source: ECHA |
|---------------|-------------------------|

| | |
|-----------------------------|----------|
| LC50 Inhalation - Rat [ppm] | 5922 ppm |
|-----------------------------|----------|

Ethylbenzene (100-41-4)

| | |
|---------------|-------------------------------------|
| LD50 oral rat | ≈ 3500 mg/kg bodyweight Animal: rat |
|---------------|-------------------------------------|

Solvent naphtha (petroleum), medium aliph. (64742-88-7)

| | |
|---------------|---|
| LD50 oral rat | > 5000 mg/kg bodyweight Animal: rat, Guideline: EPA OTS 798.1175 (Acute Oral Toxicity), Guideline: OECD Guideline 420 (Acute Oral Toxicity - Fixed Dose Method), Remarks on results: other: |
|---------------|---|

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| Solvent naphtha (petroleum), medium aliph. (64742-88-7) | |
|--|--|
| LD50 dermal rabbit | > 2000 mg/kg bodyweight Animal: rabbit, Guideline: EPA OTS 798.1100 (Acute Dermal Toxicity), Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Remarks on results: other: |
| LC50 Inhalation - Rat (Vapours) | > 5.28 mg/l/4h Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity), Remarks on results: other:, 95% CL: 0,42 - |
| Solvent naphtha (petroleum), heavy arom. (64742-94-5) | |
| LD50 oral rat | > 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity), Remarks on results: other: |
| LD50 dermal rat | > 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Remarks on results: other: |
| LD50 dermal rabbit | > 2000 mg/kg bodyweight Animal: rabbit, Guideline: EPA OTS 798.1100 (Acute Dermal Toxicity), Remarks on results: other: |
| Titanium dioxide (13463-67-7) | |
| LC50 Inhalation - Rat (Dust/Mist) | > 6.82 mg/l Source: ECHA |
| Skin corrosion/irritation | : Causes skin irritation. |
| Serious eye damage/irritation | : Not classified |
| Respiratory or skin sensitisation | : May cause an allergic skin reaction. |
| Germ cell mutagenicity | : May cause genetic defects (Inhalation). |
| Carcinogenicity | : May cause cancer (Inhalation). |
| Reproductive toxicity | : Not classified |
| STOT-single exposure | : Not classified |
| Butanone oxime (96-29-7) | |
| STOT-single exposure | Causes damage to organs. May cause drowsiness or dizziness. |
| Cobalt bis(2-ethylhexanoate) (CAS 136-52-7) | |
| NOAEC (inhalation, rat, vapour) | > |
| Solvent naphtha (petroleum), light arom. (64742-95-6) | |
| STOT-single exposure | May cause drowsiness or dizziness. May cause respiratory irritation. |
| STOT-repeated exposure | : Causes damage to organs (central nervous system) through prolonged or repeated exposure (Inhalation). |
| Butanone oxime (96-29-7) | |
| LOAEL (oral, rat, 90 days) | 40 mg/kg bodyweight Animal: rat, Guideline: other: |
| NOAEC (inhalation, rat, vapour, 90 days) | 0.09 mg/l air Animal: rat, Guideline: OECD Guideline 412 (Subacute Inhalation Toxicity: 28-Day Study) |
| NOAEL (subchronic, oral, animal/male, 90 days) | 110 mg/kg bodyweight Animal: mouse, Animal sex: male, Guideline: EPA OPPTS 870.3100 (90-Day Oral Toxicity in Rodents) |
| STOT-repeated exposure | Causes damage to organs through prolonged or repeated exposure. |
| Cobalt bis(2-ethylhexanoate) (CAS 136-52-7) | |
| LOAEC (inhalation, rat,dust/mist/fume, 90 days) | 0.31 mg/l air Animal: rat |
| NOAEL (oral, rat, 90 days) | 3 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents) |
| STOT-repeated exposure | Causes damage to organs through prolonged or repeated exposure. |
| (Z)-octadec-9-en-1-aminium salts of tall-oil fatty acids (85711-55-3) | |
| NOAEL (oral, rat, 90 days) | 7.1 – 21.9 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test) |

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| (Z)-octadec-9-en-1-aminium salts of tall-oil fatty acids (85711-55-3) | |
|---|--|
| STOT-repeated exposure | May cause damage to organs through prolonged or repeated exposure. |
| Fatty acids, C18-unsatd., trimers, compds. with oleylamine (147900-93-4) | |
| STOT-repeated exposure | May cause damage to organs through prolonged or repeated exposure. |
| 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. |
| Solvent naphtha (petroleum), medium aliph. (64742-88-7) | |
| NOAEL (oral, rat, 90 days) | 750 mg/kg bodyweight Animal: rat, Animal sex: female |
| NOAEC (inhalation, rat, vapour, 90 days) | ≥ 0.024 mg/l air Animal: rat, Guideline: OECD Guideline 412 (Subacute Inhalation Toxicity: 28-Day Study) |
| STOT-repeated exposure | Causes damage to organs through prolonged or repeated exposure. |
| Solvent naphtha (petroleum), heavy arom. (64742-94-5) | |
| LOAEL (dermal, rat/rabbit, 90 days) | 50 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 410 (Repeated Dose Dermal Toxicity: 21/28-Day Study) |
| LOAEC (inhalation, rat, vapour, 90 days) | 4.71 mg/l air Animal: rat, Guideline: EU Method B.29 (Sub-Chronic Inhalation Toxicity:90-Day Study) |
| NOAEC (inhalation, rat, vapour, 90 days) | 2355 mg/l air Animal: rat, Guideline: EU Method B.29 (Sub-Chronic Inhalation Toxicity:90-Day Study) |
| STOT-repeated exposure | May cause damage to organs through prolonged or repeated exposure. |
| Lead Sulfochromate (1344-37-2) | |
| STOT-repeated exposure | May cause damage to organs through prolonged or repeated exposure. |
| Aspiration hazard | : May be fatal if swallowed and enters airways. |
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| Viscosity, kinematic | > 1 – < 2.4 mm ² /s |

SECTION 12: Ecological information

12.1. Toxicity

| | |
|---|---|
| Ecology - general | : Toxic to aquatic life. Toxic to aquatic life with long lasting effects. |
| Hazardous to the aquatic environment, short-term (acute) | : Toxic to aquatic life. |
| Hazardous to the aquatic environment, long-term (chronic) | : Toxic to aquatic life with long lasting effects. |

| Butanone oxime (96-29-7) | |
|--|---|
| LC50 - Fish [1] | > 100 mg/l Test organisms (species): Oryzias latipes |
| EC50 - Crustacea [1] | ≈ 201 mg/l Test organisms (species): Daphnia magna |
| EC50 72h - Algae [1] | ≈ 11.8 mg/l Test organisms (species): Scenedesmus capricornutum |
| EC50 72h - Algae [2] | ≈ 6.09 mg/l Test organisms (species): Scenedesmus capricornutum |
| NOEC (chronic) | ≥ 100 mg/l Test organisms (species): Daphnia magna Duration: '21 d' |
| Cobalt bis(2-ethylhexanoate) (CAS 136-52-7) | |
| LC50 - Fish [1] | 1.406 – 180 mg/l Source: ECHA |
| EC50 - Crustacea [1] | 5.89 mg/l Test organisms (species): Daphnia magna |

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| Cobalt bis(2-ethylhexanoate) (CAS 136-52-7) | |
|--|--|
| EC50 - Crustacea [2] | ≈ 2.2827 mg/l Source: ECHA |
| EC50 72h - Algae [1] | 0.028 – 44.39 mg/l Source: ECHA |
| EC50 96h - Algae [1] | 10.8 – 71.314 mg/l Source: ECHA |
| ErC50 algae | 0.0288 – 44.39 mg/l Source: ECHA |
| LOEC (acute) | 1.43 – 88.7 mg/l Source: ECHA |
| NOEC (chronic) | 1.02 – 2.14 mg/l 33 days; Source: ECHA |
| NOEC chronic fish | ≈ 31.196 mg/l 28 days; Source: ECHA |
| NOEC chronic crustacea | 0.0165 – 0.684 mg/l 30 days; Source: ECHA |
| NOEC chronic algae | ≈ 0.0018 mg/l 7 days; Good morning, |
| (Z)-octadec-9-en-1-aminium salts of tall-oil fatty acids (85711-55-3) | |
| LOEC (chronic) | 4.6 mg/l Test organisms (species): Daphnia magna Duration: '21 d' |
| Xylene (1330-20-7) | |
| LC50 - Fish [1] | 2.6 mg/l Source: ECHA |
| EC50 - Crustacea [1] | ≥ 1 g/l |
| EC50 72h - Algae [2] | ≥ 0 mg/l |
| LOEC (chronic) | ≈ 3.16 mg/l Source: ECHA |
| 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' |
| NOEC (chronic) | 0.96 mg/l Test organisms (species): Ceriodaphnia dubia Duration: '7 d' |
| Solvent naphtha (petroleum), heavy arom. (64742-94-5) | |
| EC50 - Crustacea [1] | 1.2 mg/l Test organisms (species): Daphnia magna |
| Titanium dioxide (13463-67-7) | |
| LOEC (acute) | ≈ 160 mg/l Fish, 4 Days; Source: ECHA |
| LOEC (chronic) | ≈ 5 mg/l Crustacea, 21 Days; Source: ECHA |
| NOEC (acute) | 0.004 – 0.08 mg/l 28 Dday, fish; Source: Echa |
| 12.2. Persistence and degradability | |
| Dura - Floorkote Green | |
| Persistence and degradability | No additional information available |
| Butanone oxime (96-29-7) | |
| Not rapidly degradable | |
| Cobalt bis(2-ethylhexanoate) (CAS 136-52-7) | |
| Not rapidly degradable | |

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Cobalt bis(2-ethylhexanoate) (CAS 136-52-7)

Biodegradation in water: under test conditions no biodegradation observed

12.3. Bioaccumulative potential

Dura - Floorkote Green

Bioaccumulative potential No additional information available

Cobalt bis(2-ethylhexanoate) (CAS 136-52-7)

Partition coefficient n-octanol/water (Log Kow) ≈ 2.96 20 °C and pH 7; Source: ECHA

Xylene (1330-20-7)

Partition coefficient n-octanol/water (Log Kow) 3.15 Source: HSDB

12.4. Mobility in soil

Dura - Floorkote Green

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 | | |
| 1263 | 1263 | 1263 |
| 14.2. UN Proper Shipping Name | | |
| PAINT | PAINT | Paint |
| 14.3. Transport hazard class(es) | | |
| 3 | 3 | 3 |
|  |  |  |
| 14.4. Packing group, if applicable | | |
| III | III | III |
| 14.5. Environmental hazards | | |
| Dangerous for the environment : Yes | Dangerous for the environment : Yes Marine pollutant : Yes | Dangerous for the environment : Yes |

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

| SANS | IMDG | IATA |
|--|------|------|
| No supplementary information available | | |

14.6. Special precautions for user

SANS

| | |
|---|---------------------|
| Special provisions (SANS) | : 163, 187, 223 |
| Limited quantities (SANS) | : 5 L |
| Limited quantities (SANS) | : 5 L |
| Packagings, large packagings and IBCs Packing instructions (SANS) | : P001, IBC03, LP01 |
| Packagings, large packagings and IBCs Special packing instructions (SANS) | : PP1 |
| Portable tank and bulk containers instructions (SANS) | : T2 |
| Portable tank and bulk container special provisions (SANS) | : TP1, TP29 |

IMDG

| | |
|------------------------------------|---|
| Special provisions (IMDG) | : 163, 223, 367, 955 |
| Limited quantities (IMDG) | : 5 L |
| Excepted quantities (IMDG) | : E1 |
| Packing instructions (IMDG) | : P001, LP01 |
| Special packing provisions (IMDG) | : PP1 |
| IBC packing instructions (IMDG) | : IBC03 |
| Tank instructions (IMDG) | : T2 |
| Tank special provisions (IMDG) | : TP1, TP29 |
| EmS-No. (Fire) | : F-E - FIRE SCHEDULE Echo - NON-WATER-REACTIVE FLAMMABLE LIQUIDS |
| EmS-No. (Spillage) | : S-E - SPILLAGE SCHEDULE Echo - FLAMMABLE LIQUIDS, FLOATING ON WATER |
| Stowage category (IMDG) | : A |
| Properties and observations (IMDG) | : Miscibility with water depends upon the composition. |

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, A72, A192 |
| 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

Issue date : 14/04/2023

Full text of H-statements:

| | |
|------|------------------------------------|
| H225 | Highly flammable liquid and vapour |
| H226 | Flammable liquid and vapour |

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| Full text of H-statements: | |
|----------------------------|---|
| H227 | Combustible liquid |
| H301 | Toxic if swallowed |
| H302 | Harmful if swallowed |
| H304 | May be fatal if swallowed and enters airways |
| H312 | Harmful in contact with skin |
| H315 | Causes skin irritation |
| H317 | May cause an allergic skin reaction |
| 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 |
| H370 | Causes damage to organs |
| H372 | Causes damage to organs through prolonged or repeated exposure |
| H373 | May cause damage to organs through prolonged or repeated exposure |
| H400 | Very toxic to aquatic life |
| H401 | Toxic to aquatic life |
| H402 | Harmful to aquatic life |
| H410 | Very toxic to aquatic life with long lasting effects |
| H411 | Toxic 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.