

Safety Data Sheet

according to Regulation (EC) No 1907/2006

HIGHTEC ATF 8000

Revision date: 06.04.2023

Product code: 25012

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SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

HIGHTEC ATF 8000

1.2. Relevant identified uses of the substance or mixture and uses advised against**Use of the substance/mixture**

Gear oil

1.3. Details of the supplier of the safety data sheet

| | | |
|-----------------|-------------------------|-------------------------------|
| Company name: | ROWE Mineralölwerk GmbH | |
| Street: | Langgewann 101 | |
| Place: | D-67547 Worms | |
| Telephone: | +49 (0)6241 5906-0 | Telefax: +49 (0)6241 5906-999 |
| E-mail: | info@rowe-oil.com | |
| Contact person: | Product Compliance | |
| E-mail: | sdb@rowe-oil.com | |
| Internet: | www.rowe-oil.com | |

1.4. Emergency telephone number:

Ireland: Public (8am-10pm) +353 180 921 66, Healthcare Professionals +353 1809 2566 other Countries: Emergency CONTACT (24-Hour-Number): GBK GmbH +49 (0)6132-84463

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Regulation (EC) No 1272/2008**

Aquatic Chronic 3; H412

Full text of hazard statements: see SECTION 16.

2.2. Label elements**Regulation (EC) No 1272/2008****Hazard statements**

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

| | |
|------|--|
| P103 | Read carefully and follow all instructions. |
| P273 | Avoid release to the environment. |
| P501 | Dispose of contents/container to of the disposal according to local regulations. |

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients**3.2. Mixtures**

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Relevant ingredients

| CAS No | Chemical name | | | Quantity |
|--------------|---|--------------|------------------|-------------|
| | EC No | Index No | REACH No | |
| | Classification (Regulation (EC) No 1272/2008) | | | |
| 64742-54-7 | Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified | | | 15 - < 30 % |
| | 265-157-1 | 649-467-00-8 | 01-2119484627-25 | |
| | Asp. Tox. 1; H304 | | | |
| 64742-55-8 | Distillates (petroleum), hydrotreated light paraffinic; Baseoil - unspecified | | | 15 - < 30 % |
| | 265-158-7 | 649-468-00-3 | 01-2119487077-29 | |
| | Asp. Tox. 1; H304 | | | |
| | Methacrylate copolymer | | | 2.5 - < 5 % |
| | Eye Irrit. 2; H319 | | | |
| 64742-65-0 | Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil - unspecified | | | 1 - < 2.5 % |
| | 265-169-7 | 649-474-00-6 | 01-2119471299-27 | |
| | Asp. Tox. 1; H304 | | | |
| 1218787-32-6 | 2,2'- (C16-18 (evennumbered, C18 unsaturated) alkyl imino) diethanol | | | 0.3 - < 1 % |
| | 620-540-6 | | 01-2119510877-33 | |
| | Acute Tox. 4, Skin Corr. 1C, Eye Dam. 1, Aquatic Acute 1, Aquatic Chronic 1; H302 H314 H318 H400 H410 | | | |
| | 3 - ((C9-11 iso, C10-enriched) alkyloxy) propan-1-amine | | | < 0.1 % |
| | 939-485-7 | | 01-2119974116-35 | |
| | Acute Tox. 4, Skin Corr. 1B, Aquatic Acute 1, Aquatic Chronic 1; H302 H314 H400 H410 | | | |

Full text of H and EUH statements: see section 16.

Specific Conc. Limits, M-factors and ATE

| CAS No | EC No | Chemical name | Quantity |
|--------------|-----------|--|-------------|
| | | Specific Conc. Limits, M-factors and ATE | |
| 64742-54-7 | 265-157-1 | Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified | 15 - < 30 % |
| | | dermal: LD50 = > 5000 mg/kg; oral: LD50 = > 5000 mg/kg | |
| 64742-55-8 | 265-158-7 | Distillates (petroleum), hydrotreated light paraffinic; Baseoil - unspecified | 15 - < 30 % |
| | | dermal: LD50 = > 5000 mg/kg; oral: LD50 = > 5000 mg/kg | |
| | | Methacrylate copolymer | 2.5 - < 5 % |
| | | Eye Irrit. 2; H319: >= 75 - 100 | |
| 64742-65-0 | 265-169-7 | Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil - unspecified | 1 - < 2.5 % |
| | | dermal: LD50 = > 5000 mg/kg; oral: LD50 = > 5000 mg/kg | |
| 1218787-32-6 | 620-540-6 | 2,2'- (C16-18 (evennumbered, C18 unsaturated) alkyl imino) diethanol | 0.3 - < 1 % |
| | | oral: LD50 = 1500 mg/kg Aquatic Acute 1; H400: M=10 Aquatic Chronic 1; H410: M=1 | |
| | 939-485-7 | 3 - ((C9-11 iso, C10-enriched) alkyloxy) propan-1-amine | < 0.1 % |
| | | oral: LD50 = > 500 - < 2000 mg/kg Aquatic Acute 1; H400: M=100 Aquatic Chronic 1; H410: M=1 | |

SECTION 4: First aid measures
4.1. Description of first aid measures
After inhalation

Provide fresh air.

After contact with skin

Wash with plenty of water. Take off contaminated clothing and wash it before reuse.

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After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water.

After ingestion

Rinse mouth immediately and drink 1 glass of water.

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

No information available.

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

Treat symptomatically.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Co-ordinate fire-fighting measures to the fire surroundings.

5.2. Special hazards arising from the substance or mixture

Non-flammable.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures****General advice**

Avoid contact with skin, eyes and clothes. Do not breathe mist/vapours/spray.

For non-emergency personnel

Provide adequate ventilation. Use personal protection equipment. Remove persons to safety.

For emergency responders

Wear personal protection equipment (refer to section 8).

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up**For containment**

Stop leak if safe to do so. Cover drains. Prevent spread over a wide area (e.g. by containment or oil barriers).

For cleaning up

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

Other information

Clean contaminated articles and floor according to the environmental legislation.

6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

SECTION 7: Handling and storage**7.1. Precautions for safe handling****Advice on safe handling**

No special measures are necessary.

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Advice on protection against fire and explosion

No special fire protection measures are necessary.

Advice on general occupational hygiene

Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat, drink, smoke, sniff.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Keep container tightly closed.

Hints on joint storage

No special measures are necessary.

7.3. Specific end use(s)

Gear oil

SECTION 8: Exposure controls/personal protection**8.1. Control parameters**

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DNEL/DMEL values

| CAS No | Substance | Exposure route | Effect | Value |
|--------------------------|--|----------------|--------|-------------------------|
| 64742-54-7 | Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified | | | |
| Worker DNEL, long-term | inhalation | local | | 5,58 mg/m ³ |
| Worker DNEL, long-term | dermal | systemic | | 0,97 mg/kg bw/day |
| Worker DNEL, long-term | inhalation | systemic | | 2,73 mg/m ³ |
| Consumer DNEL, long-term | inhalation | local | | 1,19 mg/m ³ |
| Consumer DNEL, long-term | oral | systemic | | 0,74 mg/kg bw/day |
| 64742-55-8 | Distillates (petroleum), hydrotreated light paraffinic; Baseoil - unspecified | | | |
| Worker DNEL, long-term | inhalation | systemic | | 2,73 mg/m ³ |
| Worker DNEL, long-term | inhalation | local | | 5,58 mg/m ³ |
| Worker DNEL, long-term | dermal | systemic | | 0,97 mg/kg bw/day |
| Consumer DNEL, long-term | inhalation | local | | 1,19 mg/m ³ |
| Consumer DNEL, long-term | oral | systemic | | 0,74 mg/kg bw/day |
| 64742-65-0 | Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil - unspecified | | | |
| Worker DNEL, long-term | inhalation | systemic | | 2,73 mg/m ³ |
| Worker DNEL, long-term | inhalation | local | | 5,58 mg/m ³ |
| Worker DNEL, long-term | dermal | systemic | | 0,97 mg/kg bw/day |
| Consumer DNEL, long-term | inhalation | local | | 1,19 mg/m ³ |
| Consumer DNEL, long-term | oral | systemic | | 0,74 mg/kg bw/day |
| 1218787-32-6 | 2,2'- (C16-18 (evennumbered, C18 unsaturated) alkyl imino) diethanol | | | |
| Worker DNEL, long-term | inhalation | systemic | | 2,112 mg/m ³ |
| Worker DNEL, long-term | dermal | systemic | | 0,3 mg/kg bw/day |
| Consumer DNEL, long-term | inhalation | systemic | | 0,745 mg/m ³ |
| Consumer DNEL, long-term | dermal | systemic | | 0,214 mg/kg bw/day |
| Consumer DNEL, long-term | oral | systemic | | 0,214 mg/kg bw/day |
| | 3 - ((C9-11 iso, C10-enriched) alkyloxy) propan-1-amine | | | |
| Worker DNEL, long-term | inhalation | systemic | | 4,9 mg/m ³ |
| Worker DNEL, long-term | dermal | systemic | | 0,7 mg/kg bw/day |
| Consumer DNEL, long-term | inhalation | systemic | | 0,74 mg/m ³ |
| Consumer DNEL, long-term | dermal | systemic | | 0,25 mg/kg bw/day |
| Consumer DNEL, long-term | oral | systemic | | 0,25 mg/kg bw/day |

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PNEC values

| CAS No | Substance | Value |
|---|--|---------------|
| Environmental compartment | | |
| 64742-54-7 | Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified | |
| Secondary poisoning | | 9,33 mg/kg |
| 64742-55-8 | Distillates (petroleum), hydrotreated light paraffinic; Baseoil - unspecified | |
| Secondary poisoning | | 9,33 mg/kg |
| 64742-65-0 | Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil - unspecified | |
| Secondary poisoning | | 9,33 mg/kg |
| 1218787-32-6 | 2,2'- (C16-18 (evennumbered, C18 unsaturated) alkyl imino) diethanol | |
| Freshwater | | 0,000214 mg/l |
| Freshwater (intermittent releases) | | 0,00087 mg/l |
| Marine water | | 0,000021 mg/l |
| Freshwater sediment | | 1,692 mg/kg |
| Marine sediment | | 0,169 mg/kg |
| Secondary poisoning | | 2 mg/kg |
| Micro-organisms in sewage treatment plants (STP) | | 1,5 mg/l |
| Soil | | 5 mg/kg |
| 3 - ((C9-11 iso, C10-enriched) alkyloxy) propan-1-amine | | |
| Freshwater | | 0,00084 mg/l |
| Freshwater (intermittent releases) | | 0,000827 mg/l |
| Marine water | | 0,000084 mg/l |
| Freshwater sediment | | 3,19 mg/kg |
| Marine sediment | | 0,32 mg/kg |
| Micro-organisms in sewage treatment plants (STP) | | 1,3 mg/l |
| Soil | | 1,59 mg/kg |

8.2. Exposure controls
Individual protection measures, such as personal protective equipment
Eye/face protection

Wear eye/face protection.

Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Skin protection

Use of protective clothing.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Environmental exposure controls

Avoid release to the environment.

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SECTION 9: Physical and chemical properties
9.1. Information on basic physical and chemical properties

| | | |
|--|---------------------------|--------------------|
| Physical state: | Liquid | |
| Colour: | red | |
| Odour: | characteristic | |
| | | Test method |
| Melting point/freezing point: | not determined | |
| Boiling point or initial boiling point and boiling range: | not determined | |
| Flammability: | Not readily combustible. | |
| Lower explosion limits: | not determined | |
| Upper explosion limits: | not determined | |
| Flash point: | >170 °C | ISO 2592 |
| Auto-ignition temperature: | not determined | |
| Decomposition temperature: | not determined | |
| pH-Value: | not applicable | DIN 51369 |
| Viscosity / kinematic: (at 100 °C) | ~ 7,6 mm ² /s | DIN 51562 |
| Water solubility: (at 20 °C) | practically insoluble | |
| Solubility in other solvents Soluble in hydrocarbons (mineral oil.) | | |
| Partition coefficient n-octanol/water: | not determined | |
| Vapour pressure: (at 20 °C) | <0,1 hPa | calculated. |
| Density (at 15 °C): | ~ 0,850 g/cm ³ | DIN 51757 |
| Relative vapour density: | not determined | |
| Particle characteristics: | not relevant | |

9.2. Other information
Other safety characteristics

| | | |
|-------------|----------|--------------|
| Pour point: | ~ -40 °C | DIN ISO 3016 |
|-------------|----------|--------------|

SECTION 10: Stability and reactivity
10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

No known hazardous reactions.

10.4. Conditions to avoid

none

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: Toxicological information

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11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008
Acute toxicity

Based on available data, the classification criteria are not met.

ATEmix calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

| CAS No | Chemical name | | | | |
|--------------|--|---------------------------|---------|---------------------|--------------------|
| | Exposure route | Dose | Species | Source | Method |
| 64742-54-7 | Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified | | | | |
| | oral | LD50 > 5000 mg/kg | Rat | REACH Dossier | OECD 401 |
| | dermal | LD50 > 5000 mg/kg | Rabbit | REACH Dossier | OECD 402 |
| 64742-55-8 | Distillates (petroleum), hydrotreated light paraffinic; Baseoil - unspecified | | | | |
| | oral | LD50 > 5000 mg/kg | Rat | REACH Dossier | OECD 401 |
| | dermal | LD50 > 5000 mg/kg | Rabbit | REACH Dossier | OECD 402 |
| 64742-65-0 | Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil - unspecified | | | | |
| | oral | LD50 > 5000 mg/kg | Rat | REACH Dossier | OECD 401 |
| | dermal | LD50 > 5000 mg/kg | Rabbit | REACH Dossier | OECD 402 |
| 1218787-32-6 | 2,2'- (C16-18 (evennumbered, C18 unsaturated) alkyl imino) diethanol | | | | |
| | oral | LD50 1500 mg/kg | Rat | Study report (1984) | OECD Guideline 425 |
| | 3 - ((C9-11 iso, C10-enriched) alkyloxy) propan-1-amine | | | | |
| | oral | LD50 > 500 - < 2000 mg/kg | Rat | Study report (1985) | OECD Guideline 423 |

Irritation and corrosivity

Based on available data, the classification criteria are not met.

Sensitising effects

Based on available data, the classification criteria are not met.

Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

11.2. Information on other hazards
Other information

No information available.

SECTION 12: Ecological information
12.1. Toxicity

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Harmful to aquatic life with long lasting effects.

Harmful to aquatic life with long lasting effects.

| CAS No | Chemical name | | | | | |
|--------------|--|-------------------|-----------|---|---------------------|--------------------|
| | Aquatic toxicity | Dose | [h] [d] | Species | Source | Method |
| 64742-54-7 | Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified | | | | | |
| | Acute fish toxicity | LL50 > 100 mg/l | 96 h | Pimephales promelas (fathead minnow) | REACH Dossier | OECD 203 |
| | Acute algae toxicity | ErC50 > 100 mg/l | 72 h | Pseudokirchneriella subcapitata | REACH Dossier | OECD 201 |
| | Acute crustacea toxicity | EL50 > 10000 mg/l | 48 h | Daphnia magna (Big water flea) | REACH Dossier | OECD 202 |
| | Fish toxicity | NOEC >= 1000 mg/l | 14 d | Oncorhynchus mykiss (Rainbow trout) | REACH Dossier | QSAR |
| | Crustacea toxicity | NOEC > 10 mg/l | 21 d | Daphnia magna (Big water flea) | REACH Dossier | OECD 211 |
| 64742-55-8 | Distillates (petroleum), hydrotreated light paraffinic; Baseoil - unspecified | | | | | |
| | Acute fish toxicity | LL50 > 100 mg/l | 96 h | Pimephales promelas (fathead minnow) | REACH Dossier | OECD 203 |
| | Acute algae toxicity | ErC50 > 100 mg/l | 72 h | Pseudokirchneriella subcapitata | REACH Dossier | OECD 201 |
| | Acute crustacea toxicity | EL50 > 10000 mg/l | 48 h | Daphnia magna (Big water flea) | REACH Dossier | OECD 202 |
| | Fish toxicity | NOEC >= 1000 mg/l | 14 d | Oncorhynchus mykiss (Rainbow trout) | REACH Dossier | QSAR |
| | Crustacea toxicity | NOEC > 1000 mg/l | 21 d | Daphnia magna (Big water flea) | REACH Dossier | OECD 211 |
| 64742-65-0 | Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil - unspecified | | | | | |
| | Acute fish toxicity | LL50 > 100 mg/l | 96 h | Pimephales promelas (fathead minnow) | REACH Dossier | OECD 203 |
| | Acute crustacea toxicity | EL50 > 10000 mg/l | 48 h | Daphnia pulex (water flea) | REACH Dossier | OECD 202 |
| | Fish toxicity | NOEC >= 1000 mg/l | 14 d | Oncorhynchus mykiss (Rainbow trout) | REACH Dossier | QSAR |
| | Algae toxicity | NOEC >= 100 mg/l | 3 d | Pseudokirchneriella subcapitata | REACH Dossier | OECD 201 |
| 1218787-32-6 | 2,2'- (C16-18 (evennumbered, C18 unsaturated) alkyl imino) diethanol | | | | | |
| | Acute algae toxicity | ErC50 0,0867 mg/l | 72 h | Pseudokirchneriella subcapitata | Study report (2010) | OECD Guideline 201 |
| | Acute bacteria toxicity | EC50 167 mg/l () | 3 h | activated sludge of a predominantly domestic sewage | Study report (2010) | OECD Guideline 209 |

12.2. Persistence and degradability

The product has not been tested.

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| CAS No | Chemical name | | | |
|------------|--|-------|----|---------------|
| | Method | Value | d | Source |
| | Evaluation | | | |
| 64742-54-7 | Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified | | | |
| | OECD 301B | 21 % | 28 | REACH Dossier |
| | Not easily bio-degradable (according to OECD-criteria). | | | |
| 64742-55-8 | Distillates (petroleum), hydrotreated light paraffinic; Baseoil - unspecified | | | |
| | OECD 301B | 31 % | 28 | REACH Dossier |
| | Not easily bio-degradable (according to OECD-criteria). | | | |
| 64742-65-0 | Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil - unspecified | | | |
| | OECD 301F | 31 % | 28 | REACH Dossier |
| | Not easily bio-degradable (according to OECD-criteria). | | | |

12.3. Bioaccumulative potential

The product has not been tested.

Partition coefficient n-octanol/water

| CAS No | Chemical name | Log Pow |
|--------------|--|-----------|
| 1218787-32-6 | 2,2'- (C16-18 (evennumbered, C18 unsaturated) alkyl imino) diethanol | 3,6 |
| | 3 - ((C9-11 iso, C10-enriched) alkyloxy) propan-1-amine | ca. -0,34 |

BCF

| CAS No | Chemical name | BCF | Species | Source |
|--------------|--|------|---------|--------------------|
| 1218787-32-6 | 2,2'- (C16-18 (evennumbered, C18 unsaturated) alkyl imino) diethanol | 20,2 | | QSAR result (2010) |

12.4. Mobility in soil

The product has not been tested.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects

No information available.

Further information

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

SECTION 13: Disposal considerations
13.1. Waste treatment methods
Disposal recommendations

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation.

List of Wastes Code - residues/unused products

130205 OIL WASTES AND WASTES OF LIQUID FUELS (EXCEPT EDIBLE OILS, AND THOSE IN CHAPTERS 05, 12 AND 19); waste engine, gear and lubricating oils; mineral-based non-chlorinated engine, gear and lubricating oils; hazardous waste

List of Wastes Code - used product

130205 OIL WASTES AND WASTES OF LIQUID FUELS (EXCEPT EDIBLE OILS, AND THOSE IN CHAPTERS 05, 12 AND 19); waste engine, gear and lubricating oils; mineral-based non-chlorinated engine, gear and lubricating oils; hazardous waste

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Contaminated packaging

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

Land transport (ADR/RID)

| | |
|--|--|
| 14.1. UN number or ID number: | No dangerous good in sense of this transport regulation. |
| 14.2. UN proper shipping name: | No dangerous good in sense of this transport regulation. |
| 14.3. Transport hazard class(es): | No dangerous good in sense of this transport regulation. |
| 14.4. Packing group: | No dangerous good in sense of this transport regulation. |

Inland waterways transport (ADN)

| | |
|--|--|
| 14.1. UN number or ID number: | No dangerous good in sense of this transport regulation. |
| 14.2. UN proper shipping name: | No dangerous good in sense of this transport regulation. |
| 14.3. Transport hazard class(es): | No dangerous good in sense of this transport regulation. |
| 14.4. Packing group: | No dangerous good in sense of this transport regulation. |

Marine transport (IMDG)

| | |
|--|--|
| 14.1. UN number or ID number: | No dangerous good in sense of this transport regulation. |
| 14.2. UN proper shipping name: | No dangerous good in sense of this transport regulation. |
| 14.3. Transport hazard class(es): | No dangerous good in sense of this transport regulation. |
| 14.4. Packing group: | No dangerous good in sense of this transport regulation. |

Air transport (ICAO-TI/IATA-DGR)

| | |
|--|--|
| 14.1. UN number or ID number: | No dangerous good in sense of this transport regulation. |
| 14.2. UN proper shipping name: | No dangerous good in sense of this transport regulation. |
| 14.3. Transport hazard class(es): | No dangerous good in sense of this transport regulation. |
| 14.4. Packing group: | No dangerous good in sense of this transport regulation. |

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

14.7. Maritime transport in bulk according to IMO instruments

No dangerous good in sense of this transport regulation.

SECTION 15: Regulatory information

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

EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 75

Information according to Directive 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

Additional information

According to EC directives or the corresponding national regulations the product does not have to be labelled.

National regulatory information

Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).

Water hazard class (D): 2 - obviously hazardous to water

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

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SECTION 16: Other information

Changes

This data sheet contains changes from the previous version in section(s): 9,12,16.

Abbreviations and acronyms

Acute Tox: Acute toxicity

Asp. Tox: Aspiration hazard

Skin Corr: Skin corrosion

Eye Dam: Eye damage

Eye Irrit: Eye irritation

Aquatic Acute: Acute aquatic hazard

Aquatic Chronic: Chronic aquatic hazard

ADR: Accord européen sur le transport des marchandises dangereuses par Route
(European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

CLP: Classification, labelling and Packaging

REACH: Registration, Evaluation and Authorization of Chemicals

GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals

UN: United Nations

DNEL: Derived No Effect Level

DMEL: Derived Minimal Effect Level

PNEC: Predicted No Effect Concentration

ATE: Acute toxicity estimate

LL50: Lethal loading, 50%

EL50: Effect loading, 50%

EC50: Effective Concentration 50%

ErC50: Effective Concentration 50%, growth rate

NOEC: No Observed Effect Concentration

BCF: Bio-concentration factor

PBT: persistent, bioaccumulative, toxic

vPvB: very persistent, very bioaccumulative

RID: Regulations concerning the international carriage of dangerous goods by rail

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
(Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures)

EmS: Emergency Schedules

MFAG: Medical First Aid Guide

ICAO: International Civil Aviation Organization

MARPOL: International Convention for the Prevention of Marine Pollution from Ships

IBC: Intermediate Bulk Container

SVHC: Substance of Very High Concern

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

Classification for mixtures and used evaluation method according to Regulation (EC) No 1272/2008 [CLP]

| Classification | Classification procedure |
|-------------------------|--------------------------|
| Aquatic Chronic 3; H412 | Calculation method |

Safety Data Sheet

according to Regulation (EC) No 1907/2006

HIGHTEC ATF 8000

Revision date: 06.04.2023

Product code: 25012

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Relevant H and EUH statements (number and full text)

| | |
|------|---|
| H302 | Harmful if swallowed. |
| H304 | May be fatal if swallowed and enters airways. |
| H314 | Causes severe skin burns and eye damage. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |
| H412 | Harmful to aquatic life with long lasting effects. |

Further Information

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations. The above data are intended to describe our product in terms of any safety requirements to be observed. They reflect the state of our current knowledge and experience and shall not be construed as warranted characteristics. Any warranty for accuracy and completeness shall be expressly excluded.

(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)