

Safety Data Sheet

according to Regulation (EC) No 1907/2006

HIGHTEC ANTIFREEZE COOLANT AN 13 (USA)

Revision: 02.02.2026

Product code: 21065

Page 1 of 12

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

1.1. Product identifier

HIGHTEC ANTIFREEZE COOLANT AN 13 (USA)

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

Use of the substance/mixture

Radiator antifreeze
Restricted to professional users.

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

Acute Tox. 4; H302
Skin Irrit. 2; H315
Eye Irrit. 2; H319
STOT RE 2; H373

Full text of hazard statements: see SECTION 16.

2.2. Label elements

Regulation (EC) No 1272/2008

Hazard components for labelling

ethanediol; ethylene glycol
Potassium 3,5,5-trimethylhexanoate

Signal word: Warning

Pictograms:



Hazard statements

| | |
|------|--|
| H302 | Harmful if swallowed. |
| H315 | Causes skin irritation. |
| H319 | Causes serious eye irritation. |
| H373 | May cause damage to organs through prolonged or repeated exposure. |

Precautionary statements

| | |
|------|---|
| P101 | If medical advice is needed, have product container or label at hand. |
| P102 | Keep out of reach of children. |
| P103 | Read carefully and follow all instructions. |

Safety Data Sheet

according to Regulation (EC) No 1907/2006

HIGHTEC ANTIFREEZE COOLANT AN 13 (USA)

Revision: 02.02.2026

Product code: 21065

Page 2 of 12

| | |
|----------------|--|
| P260 | Do not breathe dust/fume/gas/mist/vapours/spray. |
| P264 | Wash hands thoroughly after handling. |
| P270 | Do not eat, drink or smoke when using this product. |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection/hearing protection. |
| P301+P312 | IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. |
| P330 | Rinse mouth. |
| P302+P352 | IF ON SKIN: Wash with plenty of water. |
| P332+P313 | If skin irritation occurs: Get medical advice/attention. |
| P362+P364 | Take off contaminated clothing and wash it before reuse. |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P337+P313 | If eye irritation persists: Get medical advice/attention. |
| P314 | Get medical advice/attention if you feel unwell. |
| 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
Relevant ingredients

| CAS No | Chemical name | | | Quantity |
|------------|---|--------------|------------------|---------------|
| | EC No | Index No | REACH No | |
| | Classification (Regulation (EC) No 1272/2008) | | | |
| 107-21-1 | ethanediol; ethylene glycol | | | 60 - < 100 % |
| | 203-473-3 | 603-027-00-1 | 01-2119456816-28 | |
| | Acute Tox. 4, STOT RE 2; H302 H373 | | | |
| 93918-10-6 | Potassium 3,5,5-trimethylhexanoate | | | 1 - < 2.5 % |
| | 299-890-3 | | | |
| | Acute Tox. 4, Skin Corr. 1, Eye Dam. 1; H302 H314 H318 | | | |
| 29385-43-1 | methyl-1H-benzene triazole | | | 0.1 - < 0.3 % |
| | 249-596-6 | | 01-2119979081-35 | |
| | Repr. 2, Acute Tox. 4, Aquatic Chronic 2; H361d H302 H411 | | | |

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 | |
| 107-21-1 | 203-473-3 | ethanediol; ethylene glycol | 60 - < 100 % |
| | | dermal: LD50 = 10600 mg/kg; oral: LD50 = 4700 mg/kg | |
| 93918-10-6 | 299-890-3 | Potassium 3,5,5-trimethylhexanoate | 1 - < 2.5 % |
| | | oral: LD50 = >= 2000 mg/kg | |
| 29385-43-1 | 249-596-6 | methyl-1H-benzene triazole | 0.1 - < 0.3 % |
| | | oral: LD50 = 720 mg/kg | |

Further Information

Specific chemical identities and/or actual percentages concentration have been withheld as trade secrets.

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

Safety Data Sheet

according to Regulation (EC) No 1907/2006

HIGHTEC ANTIFREEZE COOLANT AN 13 (USA)

Revision: 02.02.2026

Product code: 21065

Page 3 of 12

General information

When in doubt or if symptoms are observed, get medical advice.

After inhalation

Provide fresh air. Medical treatment necessary.

After contact with skin

Wash with plenty of water. Immediately remove any contaminated clothing, shoes or stockings. Medical treatment necessary.

After contact with eyes

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

After ingestion

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention.

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**

Water spray jet. alcohol resistant foam. Carbon dioxide (CO₂).
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

Suppress gases/vapours/mists with water spray jet. 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.

HIGHTEC ANTIFREEZE COOLANT AN 13 (USA)

Revision: 02.02.2026

Product code: 21065

Page 4 of 12

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

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

Advice on protection against fire and explosion

No special fire protection measures are necessary.

Advice on general occupational hygiene

Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme. Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat, drink, smoke, sniff.

Further information on handling

maximum process temperature: 100 °C

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.

Further information on storage conditions

Keep away from heat.

maximum storage temperature: 80 °C

7.3. Specific end use(s)

Radiator antifreeze

SECTION 8: Exposure controls/personal protection
8.1. Control parameters
Occupational exposure limits

| CAS No | Substance | ppm | mg/m ³ | fib/cm ³ | Category | Origin |
|----------|-----------------------------|-----|-------------------|---------------------|---------------|--------|
| 107-21-1 | 1,2-Dihydroxyethane, vapour | 20 | 52 | | TWA (8 h) | |
| | | 40 | 104 | | STEL (15 min) | |
| 107-21-1 | Ethane-1,2-diol, vapour | 20 | 52 | | TWA (8 h) | |
| | | 40 | 104 | | STEL (15 min) | |
| 107-21-1 | Ethylene glycol, vapour | 20 | 52 | | TWA (8 h) | |
| | | 40 | 104 | | STEL (15 min) | |

HIGHTEC ANTIFREEZE COOLANT AN 13 (USA)

Revision: 02.02.2026

Product code: 21065

Page 5 of 12

DNEL/DMEL values

| CAS No | Substance | | |
|--------------------------|-----------------------------|----------|------------------------|
| DNEL type | Exposure route | Effect | Value |
| 107-21-1 | ethanediol; ethylene glycol | | |
| Worker DNEL, long-term | inhalation | local | 35 mg/m ³ |
| Worker DNEL, long-term | dermal | systemic | 106 mg/kg bw/day |
| Consumer DNEL, long-term | inhalation | local | 7 mg/m ³ |
| Consumer DNEL, long-term | dermal | systemic | 53 mg/kg bw/day |
| 29385-43-1 | methyl-1H-benzene triazole | | |
| Worker DNEL, long-term | inhalation | systemic | 21,2 mg/m ³ |
| Worker DNEL, long-term | dermal | systemic | 0,3 mg/kg bw/day |
| Consumer DNEL, long-term | dermal | systemic | 0,01 mg/kg bw/day |
| Consumer DNEL, long-term | oral | systemic | 0,01 mg/kg bw/day |

PNEC values

| CAS No | Substance | |
|--|-----------------------------|--|
| Environmental compartment | Value | |
| 107-21-1 | ethanediol; ethylene glycol | |
| Freshwater | 10 mg/l | |
| Freshwater (intermittent releases) | 10 mg/l | |
| Marine water | 1 mg/l | |
| Freshwater sediment | 37 mg/kg | |
| Marine sediment | 3,7 mg/kg | |
| Micro-organisms in sewage treatment plants (STP) | 199,5 mg/l | |
| Soil | 1,53 mg/kg | |
| 29385-43-1 | methyl-1H-benzene triazole | |
| Freshwater | 0,008 mg/l | |
| Freshwater (intermittent releases) | 0,086 mg/l | |
| Marine water | 0,02 mg/l | |
| Freshwater sediment | 0,117 mg/kg | |
| Marine sediment | 0,292 mg/kg | |
| Micro-organisms in sewage treatment plants (STP) | 39,4 mg/l | |
| Soil | 0,0187 mg/kg | |

8.2. Exposure controls



Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

Individual protection measures, such as personal protective equipment

Eye/face protection

Suitable eye protection: goggles.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

HIGHTEC ANTIFREEZE COOLANT AN 13 (USA)

Revision: 02.02.2026

Product code: 21065

Page 6 of 12

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.

Thermal hazards

No information available.

Environmental exposure controls

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|------------------|----------------|
| Physical state: | Liquid |
| Colour: | red |
| Odour: | characteristic |
| Odour threshold: | not determined |

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: | No data available |
| Upper explosion limits: | No data available |
| Flash point: | >100 °C |
| Auto-ignition temperature: | >200 °C |
| Decomposition temperature: | not determined |
| pH-Value (at 20 °C): | ~ 8,4 |
| Viscosity / kinematic: | not determined |
| Water solubility: | completely miscible |
| Solubility in other solvents | not determined |
| Partition coefficient n-octanol/water: | not determined |
| Vapour pressure: | not determined |
| Density (at 20 °C): | ~ 1,11 g/cm ³ |
| Relative vapour density: | not determined |
| Particle characteristics: | not relevant |

9.2. Other information

Information with regard to physical hazard classes

Sustained combustibility: No sustained combustibility

Further Information

No information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

HIGHTEC ANTIFREEZE COOLANT AN 13 (USA)

Revision: 02.02.2026

Product code: 21065

Page 7 of 12

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

Harmful if swallowed.

ATEmix calculated

ATE (oral) 526,7 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 |
| 107-21-1 | ethanediol; ethylene glycol | | | | |
| | oral | LD50 mg/kg | 4700 | Rat | GESTIS |
| | dermal | LD50 mg/kg | 10600 | Rabbit | GESTIS |
| 93918-10-6 | Potassium 3,5,5-trimethylhexanoate | | | | |
| | oral | LD50 mg/kg | >= 2000 | Rat | Study report (1986) OECD Guideline 401 |
| 29385-43-1 | methyl-1H-benzene triazole | | | | |
| | oral | LD50 mg/kg | 720 | Rat | ECHA OECD Guideline 401 |

Irritation and corrosivity

Skin corrosion/irritation: Causes skin irritation.

Serious eye damage/eye irritation: Causes serious eye irritation.

Sensitising effects

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

Carcinogenic/mutagenic/toxic effects for reproduction

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

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

Reproductive toxicity: 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

May cause damage to organs through prolonged or repeated exposure. (ethanediol; ethylene glycol)

Aspiration hazard

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

Safety Data Sheet

according to Regulation (EC) No 1907/2006

HIGHTEC ANTIFREEZE COOLANT AN 13 (USA)

Revision: 02.02.2026

Product code: 21065

Page 8 of 12

Information on likely routes of exposure

Inhalation, oral, Skin contact, Eye contact.

Additional information on tests

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

11.2. Information on other hazards
Endocrine disrupting properties

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

Other information

No information available.

SECTION 12: Ecological information
12.1. Toxicity

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

The product is not: Ecotoxic.

| CAS No | Chemical name | | | | | |
|------------|------------------------------------|---------------|-----------|---------|---------------------------------|---|
| | Aquatic toxicity | Dose | [h] [d] | Species | Source | Method |
| 93918-10-6 | Potassium 3,5,5-trimethylhexanoate | | | | | |
| | Acute algae toxicity | ErC50 mg/l | 189,87 | 72 h | Raphidocelis subcapitata | Study report (2016) OECD Guideline 201 |
| | Acute crustacea toxicity | EC50 mg/l | >100 | 48 h | Daphnia magna (Big water flea) | ECHA OECD Guideline 202 |
| 29385-43-1 | methyl-1H-benzene triazole | | | | | |
| | Acute fish toxicity | LC50 | 55 mg/l | 96 h | Cyprinodon variegatus | ECHA |
| | Acute algae toxicity | ErC50 | 75 mg/l | 72 h | Pseudokirchneriella subcapitata | ECHA OECD Guideline 201 |
| | Acute crustacea toxicity | EC50 mg/l | 15,8 | 48 h | Daphnia galeata | ECHA OECD Guideline 202 |
| | Crustacea toxicity | NOEC mg/l | <0,4 | 21 d | Daphnia magna | ECHA |

12.2. Persistence and degradability

The product has not been tested.

| CAS No | Chemical name | | | |
|------------|---|-------|----|--------|
| | Method | Value | d | Source |
| | Evaluation | | | |
| 107-21-1 | ethanediol; ethylene glycol | | | |
| | OECD Guideline 301 C | 83 | 14 | |
| | Readily biodegradable (according to OECD criteria). | | | |
| 93918-10-6 | Potassium 3,5,5-trimethylhexanoate | | | |
| | OECD 301B | 87,9 | 28 | |
| | Readily biodegradable (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 |
|------------|------------------------------------|---------|
| 107-21-1 | ethanediol; ethylene glycol | -1,36 |
| 93918-10-6 | Potassium 3,5,5-trimethylhexanoate | -0,47 |
| 29385-43-1 | methyl-1H-benzene triazole | 1,079 |

Safety Data Sheet

according to Regulation (EC) No 1907/2006

HIGHTEC ANTIFREEZE COOLANT AN 13 (USA)

Revision: 02.02.2026

Product code: 21065

Page 9 of 12

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

Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

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

List of Wastes Code - residues/unused products

160114 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; end-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicles and vehicle maintenance (except 13, 14, 16 06 and 16 08); antifreeze fluids containing hazardous substances; hazardous waste

List of Wastes Code - used product

160114 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; end-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicles and vehicle maintenance (except 13, 14, 16 06 and 16 08); antifreeze fluids containing hazardous substances; hazardous waste

Contaminated packaging

Hazardous waste according to Directive 2008/98/EC (waste framework directive). Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

Land transport (ADR/RID)

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

Inland waterways transport (ADN)

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

Marine transport (IMDG)

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

Air transport (ICAO-TI/IATA-DGR)

| | |
|--|--|
| <u>14.1. UN number or ID number:</u> | No dangerous good in sense of this transport regulation. |
| <u>14.2. UN proper shipping name:</u> | No dangerous good in sense of this transport regulation. |

Safety Data Sheet

according to Regulation (EC) No 1907/2006

HIGHTEC ANTIFREEZE COOLANT AN 13 (USA)

Revision: 02.02.2026

Product code: 21065

Page 10 of 12

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

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

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): 1 - slightly hazardous to water

Additional information

Observe in addition any national regulations!

15.2. Chemical safety assessment

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

SECTION 16: Other information

Safety Data Sheet

according to Regulation (EC) No 1907/2006

HIGHTEC ANTIFREEZE COOLANT AN 13 (USA)

Revision: 02.02.2026

Product code: 21065

Page 11 of 12

Abbreviations and acronyms

Acute Tox. 4: Acute toxicity, hazard category 4
Skin Irrit. 2: Skin irritation, hazard category 2
Skin Corr. 1: Skin corrosion, hazard category 1
Eye Dam. 1: Serious eye damage, hazard category 1
Eye Irrit. 2: Eye irritation, hazard category 2
Repr. 2: Reproductive toxicity, hazard category 2
STOT RE 2: Specific target organ toxicity - repeated exposure, hazard category 2
Aquatic Chronic 2: Hazardous to the aquatic environment, long-term hazard category: Chronic 2
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).

Key literature references and sources for data

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations). (v.1.2, 2013)

Safety Data Sheet

according to Regulation (EC) No 1907/2006

HIGHTEC ANTIFREEZE COOLANT AN 13 (USA)

Revision: 02.02.2026

Product code: 21065

Page 12 of 12

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

| Classification | Classification procedure |
|---------------------|--------------------------|
| Acute Tox. 4; H302 | Calculation method |
| Skin Irrit. 2; H315 | Calculation method |
| Eye Irrit. 2; H319 | Calculation method |
| STOT RE 2; H373 | Calculation method |

Relevant H and EUH statements (number and full text)

| | |
|-------|--|
| H302 | Harmful if swallowed. |
| H314 | Causes severe skin burns and eye damage. |
| H315 | Causes skin irritation. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H361d | Suspected of damaging the unborn child. |
| H373 | May cause damage to organs through prolonged or repeated exposure. |
| H411 | Toxic 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 data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)