



# Extreme Cooling System Degreaser

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

MSDS Version: E02.00

Date of issue: 28/09/2017

Blend Version: 2

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

#### 1.1. Product identifier

Product name : Extreme Cooling System Degreaser

Product code : W25541

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

##### 1.2.1. Relevant identified uses

Use of the substance/mixture : Cleaning of cooling systems from combustion engines.

##### 1.2.2. Uses advised against

No additional information available

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

Wynn's Belgium  
Industriepark-West 46  
9100 Sint-Niklaas - Belgium  
T +32 3 766 60 20 - F +32 3 778 16 56  
[msds@wynns.eu](mailto:msds@wynns.eu) - [www.wynns.com](http://www.wynns.com)

#### 1.4. Emergency telephone number

Emergency number : BIG: +32(0)14/58.45.45 (NL FR EN DE)

### SECTION 2: Hazards identification

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

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Eye Dam. 1 H318

Full text of H statements : see section 16

##### Adverse physicochemical, human health and environmental effects

No additional information available

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS05

Signal word (CLP) : Danger

Hazardous ingredients : Dodecylbenzenesulphonic acid, compound with isopropylamine (1:1); isotridecyl alcohol ethoxylate; Poly(oxy-1,2-ethanediyl), .alpha.-isodecyl-.omega.-hydroxy-

Hazard statements (CLP) : H318 - Causes serious eye damage.

EUH-statements : EUH208 - Contains 1,2-Benzisothiazol-3(2H)-one. May produce an allergic reaction.

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

P280 - Wear eye protection.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P310 - Immediately call a POISON CENTER, a doctor.

Detergent Regulation : Labelling of contents:(Regulation (EC) No. 648/2004 of 31 March 2004 on detergents):

| Component                                  | %     |
|--|-------|
| anionic surfactants, non-ionic surfactants | 5-15% |
| BENZISOTHIAZOLINONE                        |       |

#### 2.3. Other hazards

No additional information available

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### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

| Name   | Product identifier  | % w                            | Classification according to Regulation (EC) No. 1272/2008 [CLP]   |
|--|---|--------------------------------|---|
| Dodecylbenzenesulphonic acid, compound with isopropylamine (1:1) | (CAS-No.) 26264-05-1<br>(EC-No.) 247-556-2  | 5 - 10                         | Acute Tox. 4 (Oral), H302<br>Skin Irrit. 2, H315<br>Eye Dam. 1, H318  |
| isotridecyl alcohol ethoxylate                                   | (CAS-No.) 9043-30-5<br>(EC-No.) 500-027-2   | 2,5 - 5                        | Acute Tox. 4 (Oral), H302<br>Eye Dam. 1, H318   |
| Poly(oxy-1,2-ethanediyl), .alpha.-isodecyl-.omega.-hydroxy-      | (CAS-No.) 61827-42-7<br>(EC-No.) 612-519-5  | 2,5 - 5                        | Acute Tox. 4 (Oral), H302<br>Eye Dam. 1, H318   |
| 1,2-Benzisothiazol-3(2H)-one                                     | (CAS-No.) 2634-33-5<br>(EC-No.) 220-120-9<br>(EC Index-No.) 613-088-00-6<br>(REACH-no) 01-2120761540-60 | 0,01 - 0,02                    | Acute Tox. 4 (Oral), H302<br>Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>Skin Sens. 1, H317<br>Aquatic Acute 1, H400 |
| Name   | Product identifier  | Specific concentration limits  |   |
| 1,2-Benzisothiazol-3(2H)-one                                     | (CAS-No.) 2634-33-5<br>(EC-No.) 220-120-9<br>(EC Index-No.) 613-088-00-6<br>(REACH-no) 01-2120761540-60 | (C >= 0,05) Skin Sens. 1, H317 |   |

Full text of H-statements: see section 16

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

|                                       |  |
|---------------------------------------|--|
| First-aid measures general            | : Check the vital functions. Keep victim at rest in half upright position. Unconscious: maintain adequate airway and respiration. Respiratory arrest: artificial respiration or oxygen. Cardiac arrest: perform resuscitation. Victim in shock: on his back with legs slightly raised. Vomiting: prevent asphyxia/aspiration pneumonia. Keep watching the victim. Give psychological aid. Prevent cooling by covering the victim (no warming up). Keep the victim calm, avoid physical strain. If necessary seek medical advice. |
| First-aid measures after inhalation   | : If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.  |
| First-aid measures after skin contact | : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. If skin irritation or rash occurs: Get medical advice/attention.   |
| First-aid measures after eye contact  | : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Consult an eye specialist.  |
| First-aid measures after ingestion    | : Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER/doctor if you feel unwell. Ingestion of large quantities: immediately to hospital.   |

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

No additional information available

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

No additional information available

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

|                                |  |
|--------------------------------|--|
| Suitable extinguishing media   | : All extinguishing agents can be used.  |
| Unsuitable extinguishing media | : None to our knowledge. If there is a fire close by, use suitable extinguishing agents. |

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

|                  |                                  |
|------------------|----------------------------------|
| Fire hazard      | : No fire hazard. Not flammable. |
| Explosion hazard | : Product is not explosive.      |

#### 5.3. Advice for firefighters

|                                |   |
|--------------------------------|---|
| Protection during firefighting | : Do not enter fire area without proper protective equipment, including respiratory protection. |
|--------------------------------|---|

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### SECTION 6: Accidental release measures

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

##### 6.1.1. For non-emergency personnel

Protective equipment : Wear suitable gloves and eye/face protection, protective clothing.  
Emergency procedures : Mark the danger area. Avoid contact with skin and eyes. Take off contaminated clothing.

##### 6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

#### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Avoid release to the environment.

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

For containment : Collect spillage. Contain leaking substance, pump over in suitable containers.  
Methods for cleaning up : Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. Contaminated surfaces: clean (treat) with an excess of water.

#### 6.4. Reference to other sections

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

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Presents no particular risk when handled in accordance with good occupational hygiene practice. Avoid contact with skin and eyes.  
Hygiene measures : Use good personal hygiene practices. Wash contaminated clothing before reuse. IF ON SKIN: Gently wash with plenty of soap and water.

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

Technical measures : Keep out of frost. Does not require any specific or particular technical measures.  
Storage conditions : Meet the legal requirements. Store in a closed container.  
Storage area : Meet the legal requirements.  
Special rules on packaging : Meet the legal requirements. Labelling according to.

#### 7.3. Specific end use(s)

Read label before use. See product bulletin for detailed information.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### 2-Propyn-1-ol, compound with methyloxirane (38172-91-7)

DNEL/DMEL (Workers)

Long-term - systemic effects, dermal 1,47 mg/kg bodyweight/day

Long-term - systemic effects, inhalation 5,18 mg/m<sup>3</sup>

DNEL/DMEL (General population)

Long-term - systemic effects, oral 0,36 mg/kg bodyweight/day

Long-term - systemic effects, inhalation 1,27 mg/m<sup>3</sup>

Long-term - systemic effects, dermal 0,73 mg/kg bodyweight/day

##### Prop-2-yn-1-ol (107-19-7)

DNEL/DMEL (Workers)

Acute - local effects, inhalation 9,4 mg/m<sup>3</sup>

Long-term - systemic effects, dermal 0,83 mg/kg bodyweight/day

Long-term - systemic effects, inhalation 4,7 mg/m<sup>3</sup>

DNEL/DMEL (General population)

Acute - local effects, inhalation 5,9 mg/m<sup>3</sup>

Long-term - systemic effects, oral 0,063 mg/kg bodyweight/day

Long-term - systemic effects, inhalation 0,71 mg/m<sup>3</sup>

Long-term - systemic effects, dermal 0,42 mg/kg bodyweight/day

PNEC (Water)

PNEC aqua (freshwater) 0,002 mg/l

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### Prop-2-yn-1-ol (107-19-7)

|                                      |                 |
|--------------------------------------|-----------------|
| PNEC aqua (marine water)             | 0 mg/l          |
| PNEC aqua (intermittent, freshwater) | 0,015 mg/l      |
| PNEC (Sediment)                      |                 |
| PNEC sediment (freshwater)           | 0,006 mg/kg dwt |
| PNEC sediment (marine water)         | 0,001 mg/kg dwt |
| PNEC (Soil)                          |                 |
| PNEC soil                            | 0 mg/kg dwt     |
| PNEC (Oral)                          |                 |
| PNEC oral (secondary poisoning)      | 1,11 mg/kg food |
| PNEC (STP)                           |                 |
| PNEC sewage treatment plant          | 10 mg/l         |

### 8.2. Exposure controls

Appropriate engineering controls

: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Does not require any specific or particular technical measures.

Personal protective equipment

: Gloves. Safety glasses.



Hand protection

: Neoprene. Nitrile rubber. Polyvinylchloride (PVC). Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer. Time of penetration is to be checked with the glove producer.

Other information

: Breakthrough time : >30'. Thickness of the glove material >0.1 mm.

## SECTION 9: Physical and chemical properties

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

|  |                          |
|--|--------------------------|
| Physical state                             | : Liquid                 |
| Appearance                                 | : clear.                 |
| Colour                                     | : light yellow.          |
| Odour                                      | : characteristic.        |
| Odour threshold                            | : No data available      |
| pH   | : 7                      |
| Relative evaporation rate (butylacetate=1) | : No data available      |
| refraction index                           | : 1,355                  |
| Melting point                              | : No data available      |
| Freezing point                             | : No data available      |
| Boiling point                              | : No data available      |
| Flash point                                | : > 250 °C               |
| Auto-ignition temperature                  | : No data available      |
| Decomposition temperature                  | : No data available      |
| Flammability (solid, gas)                  | : No data available      |
| Vapour pressure                            | : No data available      |
| Relative vapour density at 20 °C           | : No data available      |
| Relative density                           | : No data available      |
| Density @20°C                              | : 1005 kg/m <sup>3</sup> |
| Solubility                                 | : Soluble in water.      |
| Log Pow                                    | : No data available      |
| Log Kow                                    | : No data available      |
| Viscosity, kinematic @40°C                 | : No data available      |
| Viscosity, dynamic @40°C                   | : No data available      |
| Viscosity                                  | :                        |
| Viscosity Index                            | :                        |

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|                      |                     |
|----------------------|---------------------|
| Explosive properties | : No data available |
| Oxidising properties | : No data available |
| Explosive limits     | : No data available |

### 9.2. Other information

|                        |  |
|------------------------|--|
| VOC content            | : 0 %  |
| Additional information | : The physical and chemical data in this section are typical values for this product and are not intended as product specifications. |

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No additional information available

### 10.4. Conditions to avoid

No additional information available

### 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 : Not classified

#### Dodecylbenzenesulphonic acid, compound with isopropylamine (1:1) (26264-05-1)

ATE CLP (oral) 500 mg/kg bodyweight

#### isotridecyl alcohol ethoxylate (9043-30-5)

ATE CLP (oral) 500 mg/kg bodyweight

#### Poly(oxy-1,2-ethanediyl), .alpha.-isodecyl-.omega.-hydroxy- (61827-42-7)

LD50 oral rat 501 - 1999 mg/kg bodyweight

LD50 dermal rat > 4000 mg/kg bodyweight

ATE CLP (oral) 501 mg/kg bodyweight

#### 1,2-Benzisothiazol-3(2H)-one (2634-33-5)

LD50 oral rat 1193 mg/kg bodyweight

LD50 dermal rat 4115 mg/kg bodyweight

ATE CLP (oral) 1193 mg/kg bodyweight

ATE CLP (dermal) 4115 mg/kg bodyweight

Skin corrosion/irritation : Not classified  
pH: 7

Serious eye damage/irritation : Causes serious eye damage.  
pH: 7

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

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### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - general

: This product contains hazardous components for the aquatic environment. The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

#### **Poly(oxy-1,2-ethanediyl), .alpha.-isodecyl-.omega.-hydroxy- (61827-42-7)**

|                                |  |
|--------------------------------|--|
| LC50 fish 1                    | 96h 10,1 - 99,9 mg/l <i>Leuciscus idus</i> |
| EC50 Daphnia 1                 | 48h 10,1 - 99,9 mg/l <i>Daphnia magna</i>  |
| EC50 other aquatic organisms 1 | 72h 10,1 - 99,9 mg/l Algae                 |
| NOEC (chronic)                 | > 1 mg/l <i>Daphnia magna</i>              |
| NOEC chronic fish              | > 1 mg/l <i>Leuciscus idus</i>             |

#### **1,2-Benzisothiazol-3(2H)-one (2634-33-5)**

|                |  |
|----------------|--|
| LC50 fish 1    | 96h 2,18 mg/l <i>Oncorhynchus mykiss</i>             |
| EC50 Daphnia 1 | 48h 2,94 mg/l <i>Daphnia magna</i>                   |
| ErC50 (algae)  | 72h 0,11 mg/l <i>Pseudokirchneriella subcapitata</i> |
| NOEC (acute)   | 72h 0,027 mg/l <i>Skeletonema costatum</i>           |

#### 12.2. Persistence and degradability

##### Extreme Cooling System Degreaser

Persistence and degradability

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

#### **Poly(oxy-1,2-ethanediyl), .alpha.-isodecyl-.omega.-hydroxy- (61827-42-7)**

|                               |                                     |
|-------------------------------|-------------------------------------|
| Persistence and degradability | Readily biodegradable.              |
| Chemical oxygen demand (COD)  | 2,065 g O <sub>2</sub> /g substance |

#### 12.3. Bioaccumulative potential

#### **Poly(oxy-1,2-ethanediyl), .alpha.-isodecyl-.omega.-hydroxy- (61827-42-7)**

|                           |                           |
|---------------------------|---------------------------|
| Bioaccumulative potential | Bioaccumulation unlikely. |
|---------------------------|---------------------------|

#### **1,2-Benzisothiazol-3(2H)-one (2634-33-5)**

|         |     |
|---------|-----|
| Log Pow | 1,3 |
|---------|-----|

#### 12.4. Mobility in soil

No additional information available

#### 12.5. Results of PBT and vPvB assessment

No additional information available

#### 12.6. Other adverse effects

No additional information available

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

|  |  |
|--|--|
| Product/Packaging disposal recommendations | : Dispose in a safe manner in accordance with local/national regulations. Remove to an authorized waste treatment plant. Avoid release to the environment. |
| European List of Waste (LoW) code          | : 20 01 29* - detergents containing dangerous substances<br>15 01 10* - packaging containing residues of or contaminated by dangerous substances           |

### SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

#### 14.1. UN number

Not regulated for transport

#### 14.2. UN proper shipping name

Not applicable

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### 14.3. Transport hazard class(es)

Not applicable

### 14.4. Packing group

Not applicable

### 14.5. Environmental hazards

Other information : No supplementary information available.

### 14.6. Special precautions for user

#### 14.6.1. Overland transport

No additional information available

#### 14.6.2. Transport by sea

No additional information available

#### 14.6.3. Air transport

No additional information available

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

VOC content : 0 %

#### 15.1.2. National regulations

Water hazard class (WGK) : 2 - Significantly hazardous to water

### 15.2. Chemical safety assessment

No additional information available

## SECTION 16: Other information

Full text of H- and EUH-statements:

Acute Tox. 4 (Oral)

Aquatic Acute 1

Eye Dam. 1

Skin Irrit. 2

Skin Sens. 1

H302

H315

H317

H318

H400

EUH208

Acute toxicity (oral), Category 4

Hazardous to the aquatic environment — Acute Hazard, Category 1

Serious eye damage/eye irritation, Category 1

Skin corrosion/irritation, Category 2

Skin sensitisation, Category 1

Harmful if swallowed.

Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye damage.

Very toxic to aquatic life.

Contains 1,2-Benzisothiazol-3(2H)-one. May produce an allergic reaction.

*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.*