



# WOLF ANTIFREEZE G12+ LL

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878  
Issue date: 27/10/2023 Revision date: 10/09/2024 Supersedes version of: 20/12/2023 Version: 2.0

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : WOLF ANTIFREEZE G12+ LL  
UFI : DE7G-A7QD-SN48-0CYE  
Product code : 50051  
Type of product : WOLF  
Product group : Blend

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

##### Relevant identified uses

Main use category : Industrial use, Professional use, Consumer use  
Industrial/Professional use spec : Non-dispersive use  
Used in closed systems  
Function or use category : Liquid for car cooling circuit

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

WOLF OIL CORPORATION N.V.  
Georges Gilliotstraat, 52  
2620 Hemiksem, Antwerpen  
België  
T 0032 (0)3 870 00 00, F 0032 (0)3 870 00 99  
[msds@wolfoil.com](mailto:msds@wolfoil.com), <https://www.wolf lubes.com/>

#### 1.4. Emergency telephone number

Emergency number : 0032 (0)3 870 00 00

| Country/Area | Organisation/Company  | Address                                 | Emergency number   | Comment |
|--------------|---|---|--|---------|
| Ireland      | National Poisons Information Centre<br>Beaumont Hospital      | PO Box 1297<br>Beaumont Road<br>9       | +353 1 809 2566<br>(Healthcare professionals-<br>24/7)<br>+353 1 809 2166 (public,<br>8am - 10pm, 7/7) |         |
| Israel       | Israel Poison Information Center<br>Rambam Health Care Campus | 6 Ha'Aliya Street<br>31096              | +972 4 854 1900  |         |
| Malta        | Medicines & Poisons Info Office                               | Mater Dei Hospital<br>Msida<br>MSD 2090 | +356 2545 6508   |         |
| Sweden       | Giftinformationscentralen                                     | Box 60 500<br>171 76 Stockholm          | 112 – begär<br>Giftinformation<br>+46 10 456 6700 (Från<br>utlandet)                                   |         |

### SECTION 2: Hazards identification

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

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

Acute toxicity (oral), Category 4 H302  
Specific target organ toxicity – Repeated exposure, Category 2 H373  
Full text of H- and EUH-statements: see section 16

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### 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)



GHS07

GHS08

Signal word (CLP)

: Warning

Contains

: ethanediol

Hazard statements (CLP)

: H302 - Harmful if swallowed.

H373 - May cause damage to organs (kidneys) through prolonged or repeated exposure (on ingestion).

Precautionary statements (CLP)

: P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

P260 - Do not breathe vapours, spray.

P270 - Do not eat, drink or smoke when using this product.

P301+P312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.

## 2.3. Other hazards

Contains no PBT/vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

| Name                                     | Product identifier   | %       | Classification according to Regulation (EC) No. 1272/2008 [CLP]  |
|--|--|---------|--|
| ethanediol                               | CAS-No.: 107-21-1<br>EC-No.: 203-473-3<br>EC Index-No.: 603-027-00-1<br>REACH-no: 01-2119456816-28 | 85 – 98 | Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight)<br>STOT RE 2, H373  |
| disodium sebacate                        | CAS-No.: 17265-14-4<br>EC-No.: 241-300-3<br>REACH-no: 01-2120762063-61                             | 1 – 3   | Eye Irrit. 2, H319   |
| Sodium 4(or 5)-methyl-1H-benzotriazolide | CAS-No.: 64665-57-2<br>EC-No.: 265-004-9   | < 0.3   | Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight)<br>Skin Corr. 1B, H314<br>Eye Dam. 1, H318<br>Repr. 2, H361d<br>Aquatic Chronic 2, H411 |

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

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### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

|                                       |  |
|---------------------------------------|--|
| First-aid measures general            | : In all cases of doubt, or when symptoms persist, seek medical attention.   |
| First-aid measures after inhalation   | : Adverse effects not expected from this product. Allow affected person to breathe fresh air. Place the victim in semi-seated position. Seek medical advice.                   |
| First-aid measures after skin contact | : Remove contaminated clothing. Wash skin with mild soap and water. If skin irritation or rash occurs: Get medical advice/attention.   |
| First-aid measures after eye contact  | : In case of eye contact, immediately rinse with clean water for 10-15 minutes. Contact lenses should be removed. Seek medical attention if ill effect or irritation develops. |
| First-aid measures after ingestion    | : Do not induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. Get immediate medical advice/attention.  |

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

|                                     |  |
|-------------------------------------|--|
| Symptoms/effects after inhalation   | : Not expected to present a significant inhalation hazard under anticipated conditions of normal use.  |
| Symptoms/effects after skin contact | : Not expected to present a significant skin hazard under anticipated conditions of normal use.        |
| Symptoms/effects after eye contact  | : Not expected to present a significant eye contact hazard under anticipated conditions of normal use. |
| Symptoms/effects after ingestion    | : Harmful if swallowed.  |

#### 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   | : Foam. Dry chemical product.      |
| Unsuitable extinguishing media | : Do not use a heavy water stream. |

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

|  |                                |
|--|--------------------------------|
| Hazardous decomposition products in case of fire | : Toxic fumes may be released. |
|--|--------------------------------|

#### 5.3. Advice for firefighters

|                                |   |
|--------------------------------|---|
| Precautionary measures fire    | : Exercise caution when fighting any chemical fire.   |
| Firefighting instructions      | : Use water spray or fog for cooling exposed containers.  |
| Protection during firefighting | : Do not enter fire area without proper protective equipment, including respiratory protection. |

### SECTION 6: Accidental release measures

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

##### For non-emergency personnel

|                      |   |
|----------------------|---|
| Protective equipment | : Wear suitable protective clothing and gloves. |
|----------------------|---|

##### For emergency responders

|                      |   |
|----------------------|---|
| Protective equipment | : Wear suitable protective clothing and gloves. |
|----------------------|---|

#### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

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

|                         |  |
|-------------------------|--|
| For containment         | : Impound and recover large spill by mixing it with inert granular solids.   |
| Methods for cleaning up | : Detergent. Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. |

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Other information : Spill area may be slippery. Use suitable disposal containers.

### 6.4. Reference to other sections

No additional information available

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Avoid aerosolbuilding.  
Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

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

Storage temperature : 40 °C  
Storage area : Store in dry, cool, well-ventilated area.  
Special rules on packaging : Packaging destined for the general public must be fitted with a tactile danger indication.  
Packaging materials : Store always product in container of same material as original container.

#### Germany

Storage class (LGK, TRGS 510) : LGK 10-13 - Other combustible and non-combustible substances

#### Switzerland

Storage class (LK) : LK 6.1 - Toxic materials

### 7.3. Specific end use(s)

Anti-Freeze and De-icing products.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### National occupational exposure and biological limit values

| ethanediol (107-21-1)                              |                       |
|--|-----------------------|
| EU - Indicative Occupational Exposure Limit (IOEL) |                       |
| IOEL TWA   | 52 mg/m <sup>3</sup>  |
|  | 20 ppm                |
| IOEL STEL  | 104 mg/m <sup>3</sup> |
|  | 40 ppm                |
| Ireland - Occupational Exposure Limits             |                       |
| OEL TWA  | 52 mg/m <sup>3</sup>  |
|  | 20 ppm                |
| OEL STEL   | 40 mg/m <sup>3</sup>  |
|  | 104 ppm               |
| Sweden - Occupational Exposure Limits              |                       |
| NGV (OEL TWA)                                      | 25 mg/m <sup>3</sup>  |
|  | 10 ppm                |
| KTV (OEL STEL)                                     | 25 mg/m <sup>3</sup>  |
|  | 10 ppm                |

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### 8.2. Exposure controls

#### Personal protection equipment

##### Personal protective equipment:

Safety glasses. Gloves.

##### Personal protective equipment symbol(s):



#### Eye and face protection

##### Eye protection:

Safety glasses. Standard EN 166 - Personal eye-protection.

#### Skin protection

##### Skin and body protection:

No special clothing/skin protection equipment is recommended under normal conditions of use

##### Hand protection:

Permeation time: minimum >480min long term exposure; material / thickness [mm]: >0,35 mm. Butyl rubber (IIR) /. Polyvinylchloride (PVC) /

#### Respiratory protection

##### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

## SECTION 9: Physical and chemical properties

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

|   |                    |
|---|--------------------|
| Physical state                                  | : Liquid           |
| Colour  | : pink.            |
| Appearance                                      | : Liquid.          |
| Odour   | : mild. slight.    |
| Odour threshold                                 | : Not available    |
| Melting point                                   | : Not available    |
| Freezing point                                  | : Not available    |
| Boiling point                                   | : > 160 °C         |
| Flammability                                    | : Not available    |
| Lower explosion limit                           | : Not available    |
| Upper explosion limit                           | : Not available    |
| Flash point                                     | : 111 °C           |
| Auto-ignition temperature                       | : 398 °C           |
| Decomposition temperature                       | : Not available    |
| pH  | : 8.4 (50%)        |
| pH solution                                     | : ≥ 0              |
| Viscosity, kinematic                            | : Not available    |
| Solubility                                      | : Not available    |
| Partition coefficient n-octanol/water (Log Kow) | : Not available    |
| Vapour pressure                                 | : 0.1 hPa @25°C    |
| Vapour pressure at 50°C                         | : Not available    |
| Density   | : 1.123 g/ml @20°C |
| Relative density                                | : Not available    |
| Relative vapour density at 20°C                 | : Not available    |
| Particle characteristics                        | : Not applicable   |

### 9.2. Other information

No additional information available

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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

None under normal conditions.

#### 10.2. Chemical stability

Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

None under normal conditions.

#### 10.4. Conditions to avoid

No data available.

#### 10.5. Incompatible materials

No data available.

#### 10.6. Hazardous decomposition products

None under normal conditions.

### SECTION 11: Toxicological information

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

Acute toxicity (oral) : Harmful if swallowed.  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Not classified

| ethanediol (107-21-1) |                   |
|-----------------------|-------------------|
| LD50 oral rat         | 500 mg/kg         |
| LD50 dermal rat       | 10000 mg/kg       |
| LD50 dermal rabbit    | > 5000 mg/kg      |
| LC50 Inhalation - Rat | > 2.5 mg/l/4h @6h |

| disodium sebacate (17265-14-4) |                         |
|--------------------------------|-------------------------|
| LD50 oral rat                  | > 5000 mg/kg (OECD 401) |
| LD50 dermal rat                | > 2000 mg/kg (OECD 402) |

| Sodium 4(or 5)-methyl-1H-benzotriazolide (64665-57-2) |   |
|---|---|
| LD50 dermal rabbit                                    | > 2000 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity) |

Skin corrosion/irritation : Not classified (Based on available data, the classification criteria are not met)  
pH: 8.4 (50%)  
Serious eye damage/irritation : Not classified (Based on available data, the classification criteria are not met)  
pH: 8.4 (50%)  
Respiratory or skin sensitisation : Not classified (Based on available data, the classification criteria are not met)  
Germ cell mutagenicity : Not classified (Based on available data, the classification criteria are not met)  
Carcinogenicity : Not classified (Based on available data, the classification criteria are not met)

| ethanediol (107-21-1)                         |                       |
|---|-----------------------|
| NOAEL (chronic, oral, animal/male, 2 years)   | 1000 mg/kg bodyweight |
| NOAEL (chronic, oral, animal/female, 2 years) | 1500 mg/kg bodyweight |

Reproductive toxicity : Not classified (Based on available data, the classification criteria are not met)

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STOT-single exposure : Not classified (Based on available data, the classification criteria are not met)  
STOT-repeated exposure : May cause damage to organs (kidneys) through prolonged or repeated exposure (on ingestion).

| ethanediol (107-21-1)               |  |
|-------------------------------------|--|
| NOAEL (oral, rat, 90 days)          | 220200 mg/kg bodyweight/day OECD 407                               |
| NOAEL (dermal, rat/rabbit, 90 days) | 2220 mg/kg bodyweight/day OECD 410                                 |
| STOT-repeated exposure              | May cause damage to organs through prolonged or repeated exposure. |

| Sodium 4(or 5)-methyl-1H-benzotriazolide (64665-57-2) |   |
|---|---|
| NOAEL (oral, rat, 90 days)                            | ≈ 150 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 407 (Repeated Dose 28-Day Oral Toxicity Study in Rodents) |

Aspiration hazard : Not classified (Based on available data, the classification criteria are not met)

### 11.2. Information on other hazards

#### Other information

Potential adverse human health effects and symptoms : Ingestion may cause nausea, vomiting and diarrhea

## SECTION 12: Ecological information

### 12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute) : Not classified

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

| ethanediol (107-21-1)  |   |
|------------------------|---|
| LC50 - Fish [1]        | 72860 mg/l @96h; Pimephales promelas (EPA 600/4-90/027) |
| EC50 - Crustacea [1]   | > 100 mg/l @48h; Daphnia magna (OECD 202)               |
| EC50 96h - Algae [1]   | > 6500 – < 13000 mg/l (EPA 600/9-78-018)                |
| NOEC chronic fish      | 15380 mg/l @7d; Pimephales promelas (EPA 600/4-89/001)  |
| NOEC chronic crustacea | 8590 mg/l Ceriodaphnia dubia (EPA 600/4-89/001)         |

| disodium sebacate (17265-14-4) |  |
|--------------------------------|--|
| LC50 - Fish [1]                | > 100 mg/l                                   |
| EC50 - Crustacea [1]           | > 100 mg/l OECD Guideline 202, Daphnia magna |
| EC50 72h - Algae [1]           | 38.7 mg/l ISO 10253, Skeletonema costatum    |
| NOEC chronic algae             | 3 mg/l ISO 10253, Skeletonema costatum       |

| Sodium 4(or 5)-methyl-1H-benzotriazolide (64665-57-2) |  |
|---|--|
| LC50 - Fish [1]                                       | 180 mg/l @96h; Danio rerio (OECD203)                               |
| EC50 - Crustacea [1]                                  | 8.58 mg/l @48h; Daphnia magna (OECD 202)                           |
| EC50 72h - Algae [1]                                  | 2.86 mg/l Desmodemus subspicatus (OECD 201)                        |
| LOEC (chronic)  | 37.6 mg/l Test organisms (species): Daphnia magna Duration: '21 d' |
| NOEC (chronic)  | 18.4 mg/l Test organisms (species): Daphnia magna Duration: '21 d' |
| NOEC chronic crustacea                                | 0.4 mg/l @21d; Daphnia magna (OECD 211)                            |

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### 12.2. Persistence and degradability

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|                               |  |
|-------------------------------|--|
| Persistence and degradability | Prevent entry to sewers and public waters. |
|-------------------------------|--|

#### ethanediol (107-21-1)

|                                 |                                    |
|---------------------------------|------------------------------------|
| Persistence and degradability   | Rapidly degradable                 |
| Biochemical oxygen demand (BOD) | 0.47 g O <sub>2</sub> /g substance |
| Chemical oxygen demand (COD)    | 1.29 g O <sub>2</sub> /g substance |
| Biodegradation                  | 90 %                               |

#### disodium sebacate (17265-14-4)

|                               |                               |
|-------------------------------|-------------------------------|
| Persistence and degradability | Not rapidly degradable        |
| Biodegradation                | 89 % 28 d, OECD Guideline 306 |

#### Sodium 4(or 5)-methyl-1H-benzotriazolide (64665-57-2)

|                               |                    |
|-------------------------------|--------------------|
| Persistence and degradability | Rapidly degradable |
|-------------------------------|--------------------|

### 12.3. Bioaccumulative potential

#### ethanediol (107-21-1)

|   |       |
|---|-------|
| Bioconcentration factor (BCF REACH)             | 10    |
| Partition coefficient n-octanol/water (Log Pow) | -1.36 |

#### disodium sebacate (17265-14-4)

|   |  |
|---|--|
| Partition coefficient n-octanol/water (Log Pow) | -4.9 20 °C, 7,8 pH, OECD Guideline 105 |
|---|--|

### 12.4. Mobility in soil

#### ethanediol (107-21-1)

|                 |                 |
|-----------------|-----------------|
| Surface tension | 49890 N/m @25°C |
|-----------------|-----------------|

#### disodium sebacate (17265-14-4)

|  |                   |
|--|-------------------|
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | 2.429 25 °C, QSAR |
|--|-------------------|

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Endocrine disrupting properties

No additional information available

### 12.7. Other adverse effects

Additional information : Presents no specific risk for the environment

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Additional information : Dispose in a safe manner in accordance with local/national regulations.



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### SECTION 14: Transport information

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

#### 14.1. UN number or ID number

|               |                  |
|---------------|------------------|
| UN-No. (ADR)  | : Not applicable |
| UN-No. (IMDG) | : Not applicable |
| UN-No. (IATA) | : Not applicable |
| UN-No. (ADN)  | : Not applicable |
| UN-No. (RID)  | : Not applicable |

#### 14.2. UN proper shipping name

|                             |                  |
|-----------------------------|------------------|
| Proper Shipping Name (ADR)  | : Not applicable |
| Proper Shipping Name (IMDG) | : Not applicable |
| Proper Shipping Name (IATA) | : Not applicable |
| Proper Shipping Name (ADN)  | : Not applicable |
| Proper Shipping Name (RID)  | : Not applicable |

#### 14.3. Transport hazard class(es)

##### ADR

|                                  |                  |
|----------------------------------|------------------|
| Transport hazard class(es) (ADR) | : Not applicable |
|----------------------------------|------------------|

##### IMDG

|                                   |                  |
|-----------------------------------|------------------|
| Transport hazard class(es) (IMDG) | : Not applicable |
|-----------------------------------|------------------|

##### IATA

|                                   |                  |
|-----------------------------------|------------------|
| Transport hazard class(es) (IATA) | : Not applicable |
|-----------------------------------|------------------|

##### ADN

|                                  |                  |
|----------------------------------|------------------|
| Transport hazard class(es) (ADN) | : Not applicable |
|----------------------------------|------------------|

##### RID

|                                  |                  |
|----------------------------------|------------------|
| Transport hazard class(es) (RID) | : Not applicable |
|----------------------------------|------------------|

#### 14.4. Packing group

|                      |                  |
|----------------------|------------------|
| Packing group (ADR)  | : Not applicable |
| Packing group (IMDG) | : Not applicable |
| Packing group (IATA) | : Not applicable |
| Packing group (ADN)  | : Not applicable |
| Packing group (RID)  | : Not applicable |

#### 14.5. Environmental hazards

|                   |  |
|-------------------|--|
| Other information | : No supplementary information available |
|-------------------|--|

#### 14.6. Special precautions for user

##### Overland transport

Not applicable

##### Transport by sea

Not applicable

##### Air transport

Not applicable

##### Inland waterway transport

Not applicable

##### Rail transport

Not applicable

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### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

## SECTION 15: Regulatory information

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

#### EU-Regulations

##### REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

##### REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

##### REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

##### PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

##### POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

##### Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

##### Dual-Use Regulation (428/2009)

Contains no substance subject to the COUNCIL REGULATION (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items.

##### Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

##### Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

#### National regulations

##### France

| Occupational diseases |   |
|-----------------------|---|
| Code                  | Description   |
| RG 84                 | Conditions caused by liquid organic solvents for professional use: saturated or unsaturated aliphatic or cyclic liquid hydrocarbons and mixtures thereof; liquid halogenated hydrocarbons; nitrated derivatives of aliphatic hydrocarbons; alcohols; glycols, glycol ethers; ketones; aldehydes; aliphatic and cyclic ethers, including tetrahydrofuran; esters; dimethylformamide and dimethylacetamine; acetonitrile and propionitrile; pyridine; dimethylsulfone and dimethylsulfoxide |

##### Germany

Water hazard class (WGK) : WGK nwg, Non-hazardous to water (Classification according to AwSV, Annex 1).  
Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

##### Netherlands

SZW-lijst van kankerverwekkende stoffen : Sodium 4(or 5)-methyl-1H-benzotriazolide is listed  
SZW-lijst van mutagene stoffen : Sodium 4(or 5)-methyl-1H-benzotriazolide is listed  
SZW-lijst van reprotoxische stoffen – Borstvoeding : None of the components are listed  
SZW-lijst van reprotoxische stoffen – Vruchtbaarheid : None of the components are listed  
SZW-lijst van reprotoxische stoffen – Ontwikkeling : None of the components are listed

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### Denmark

Danish National Regulations

: Young people below the age of 18 years are not allowed to use the product  
Pregnant/breastfeeding women working with the product must not be in direct contact with the product

### 15.2. Chemical safety assessment

No additional information available

## SECTION 16: Other information

| Indication of changes |  |          |
|-----------------------|--|----------|
| Section               | Changed item                           | Comments |
| 1.1                   | UFI on SDS 1.1                         | Modified |
| 3                     | Composition/information on ingredients | Modified |
| 9                     | Viscosity, kinematic                   | Removed  |
| 9                     | Freezing point                         | Removed  |
| 9                     | Viscosity, dynamic                     | Removed  |
| 9                     | Vapour pressure at 50°C                | Removed  |
| 9                     | Auto-ignition temperature              | Modified |
| 9                     | Vapour pressure                        | Modified |
| 9                     | pH                                     | Modified |
| 9                     | Solubility                             | Removed  |
| 9                     | Density                                | Modified |
| 9                     | Boiling point                          | Modified |
| 9.1                   | Decomposition temperature              | Removed  |

Other information

: The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

| Full text of H- and EUH-statements: |   |
|-------------------------------------|---|
| Acute Tox. 4 (Oral)                 | Acute toxicity (oral), Category 4                                 |
| Aquatic Chronic 2                   | Hazardous to the aquatic environment – Chronic Hazard, Category 2 |
| Eye Dam. 1                          | Serious eye damage/eye irritation, Category 1                     |
| Eye Irrit. 2                        | Serious eye damage/eye irritation, Category 2                     |
| H302                                | Harmful if swallowed.   |
| H314                                | Causes severe skin burns and eye damage.                          |
| H318                                | Causes serious eye damage.  |
| H319                                | Causes serious eye irritation.                                    |
| H361d                               | Suspected of damaging the unborn child.                           |

# WOLF ANTIFREEZE G12+ LL

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### Full text of H- and EUH-statements:

|               |  |
|---------------|--|
| H373          | May cause damage to organs through prolonged or repeated exposure. |
| H411          | Toxic to aquatic life with long lasting effects.                   |
| Repr. 2       | Reproductive toxicity, Category 2                                  |
| Skin Corr. 1B | Skin corrosion/irritation, Category 1, Sub-Category 1B             |
| STOT RE 2     | Specific target organ toxicity – Repeated exposure, Category 2     |

Safety Data Sheet (SDS), EU

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.