



# WOLF BRAKE CLEANER

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878  
Issue date: 12/01/2004 Revision date: 05/05/2022 Supersedes version of: 07/03/2022 Version: 5.6

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : WOLF BRAKE CLEANER  
UFI : WVPE-80GF-255U-9N56  
Product code : 55524  
Type of product : WOLF  
Product group : Blend

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

##### 1.2.1. Relevant identified uses

Main use category : Industrial use, Professional use, Consumer use  
Industrial/Professional use spec : Wide dispersive use  
Function or use category : Lubricants and additives

##### 1.2.2. Uses advised against

No additional information available

#### 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

#### 1.4. Emergency telephone number

Emergency number : 0032 (0)3 870 00 00

### SECTION 2: Hazards identification

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

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

|  |           |
|--|-----------|
| Aerosol, Category 1  | H222;H229 |
| Skin corrosion/irritation, Category 2                                  | H315      |
| Serious eye damage/eye irritation, Category 2                          | H319      |
| Specific target organ toxicity – Single exposure, Category 3, Narcosis | H336      |
| Hazardous to the aquatic environment – Chronic Hazard, Category 2      | H411      |

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

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

No additional information available

# WOLF BRAKE CLEANER

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

### 2.2. Label elements

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

Hazard pictograms (CLP)



Signal word (CLP)

Contains

Hazard statements (CLP)

Precautionary statements (CLP)

- : Danger
- : acetone, n-hexane, Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics, Hydrocarbons, C6, isoalkanes, <5% n-hexane
- : H222 - Extremely flammable aerosol.  
H229 - Pressurised container: May burst if heated.  
H315 - Causes skin irritation.  
H319 - Causes serious eye irritation.  
H336 - May cause drowsiness or dizziness.  
H411 - Toxic to aquatic life with long lasting effects.
- : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P251 - Do not pierce or burn, even after use.  
P271 - Use only outdoors or in a well-ventilated area.  
P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C.  
P501 - Dispose of contents and container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.  
P211 - Do not spray on an open flame or other ignition source.  
P102 - Keep out of reach of children.

### 2.3. Other hazards

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

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

| Name   | Product identifier  | %         | Classification according to Regulation (EC) No. 1272/2008 [CLP]  |
|--|---|-----------|--|
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics | CAS-No.: 64742-49-0<br>EC-No.: 927-510-4<br>REACH-no: 01-2119475515-33                            | $\leq 40$ | Flam. Liq. 2, H225<br>Skin Irrit. 2, H315<br>STOT SE 3, H336<br>Asp. Tox. 1, H304<br>Aquatic Chronic 2, H411 |
| Hydrocarbons, C6, isoalkanes, <5% n-hexane       | CAS-No.: 64742-49-0<br>EC-No.: 931-254-9<br>REACH-no: 01-2119484651-34                            | $\leq 30$ | Flam. Liq. 2, H225<br>Skin Irrit. 2, H315<br>STOT SE 3, H336<br>Asp. Tox. 1, H304<br>Aquatic Chronic 2, H411 |
| Ethanol  | CAS-No.: 64-17-5<br>EC-No.: 200-578-6<br>EC Index-No.: 603-002-00-5<br>REACH-no: 01-2119457610-43 | $\leq 20$ | Flam. Liq. 2, H225   |

# WOLF BRAKE CLEANER

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

| Name           | Product identifier  | %     | Classification according to Regulation (EC) No. 1272/2008 [CLP]   |
|----------------|---|-------|---|
| acetone        | CAS-No.: 67-64-1<br>EC-No.: 200-662-2<br>EC Index-No.: 606-001-00-8<br>REACH-no: 01-2119471330-49 | ≤ 10  | Flam. Liq. 2, H225<br>Eye Irrit. 2, H319<br>STOT SE 3, H336   |
| propane        | CAS-No.: 74-98-6<br>EC-No.: 200-827-9<br>EC Index-No.: 601-003-00-5<br>REACH-no: Annex V          | ≤ 5   | Flam. Gas 1, H220<br>Press. Gas (Comp.), H280   |
| Carbon dioxide | CAS-No.: 124-38-9<br>EC-No.: 204-696-9  | ≤ 3   | Press. Gas (Liq.), H280   |
| n-hexane       | CAS-No.: 110-54-3<br>EC-No.: 203-777-6<br>EC Index-No.: 601-037-00-0                              | ≤ 2   | Flam. Liq. 2, H225<br>Repr. 2, H361f<br>Asp. Tox. 1, H304<br>STOT RE 2, H373<br>Skin Irrit. 2, H315<br>STOT SE 3, H336<br>Aquatic Chronic 2, H411 |
| cyclohexane    | CAS-No.: 110-82-7<br>EC-No.: 203-806-2<br>EC Index-No.: 601-017-00-1                              | ≤ 0.4 | Flam. Liq. 2, H225<br>Asp. Tox. 1, H304<br>Skin Irrit. 2, H315<br>STOT SE 3, H336<br>Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410             |

### Specific concentration limits:

| Name     | Product identifier   | Specific concentration limits |
|----------|--|-------------------------------|
| n-hexane | CAS-No.: 110-54-3<br>EC-No.: 203-777-6<br>EC Index-No.: 601-037-00-0 | ( 5 ≤C ≤ 100) STOT RE 2, H373 |

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

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|                                       |  |
|---------------------------------------|--|
| First-aid measures general            | : If you feel unwell, seek medical advice (show the label where possible).   |
| First-aid measures after inhalation   | : Allow affected person to breathe fresh air. Seek medical advice.   |
| 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.                            |
| First-aid measures after eye contact  | : In case of eye contact, immediately rinse with clean water for 10-15 minutes. Seek medical attention if ill effect or irritation develops. |
| First-aid measures after ingestion    | : Do NOT induce vomiting. Rinse mouth. 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. |

# WOLF BRAKE CLEANER

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

Symptoms/effects after ingestion : Not expected to present a significant ingestion hazard under anticipated conditions of normal use.

### 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 : Carbon dioxide. Powder. Alcohol resistant foam. Water fog.  
Unsuitable extinguishing media : Do not use a heavy water stream.

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

Fire hazard : Flammable aerosol.

### 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

General measures : Eliminate every possible source of ignition. Clear all other personnel from the area.

#### 6.1.1. For non-emergency personnel

Protective equipment : Wear suitable protective clothing and gloves.  
Emergency procedures : Evacuate unnecessary personnel.

#### 6.1.2. For emergency responders

Protective equipment : Wear suitable protective clothing and gloves.  
Emergency procedures : Ventilate area.

### 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 : Impound and recover large spill by mixing it with inert granular solids.  
Methods for cleaning up : Detergent. Take up liquid spill into absorbent material sand, saw dust, kieselguhr.  
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

Additional hazards when processed : Do not pierce or burn, even after use.  
Precautions for safe handling : Both local exhaust and general room ventilation are usually required.  
Handling temperature : < 40 °C  
Hygiene measures : Do not eat, drink or smoke when using this product.

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

Storage conditions : Keep cool. Keep container tightly closed. Store in a dry place.

# WOLF BRAKE CLEANER

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

Storage temperature :  $\leq 40\text{ }^{\circ}\text{C}$   
Storage area : Store in dry, cool, well-ventilated area.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1 National occupational exposure and biological limit values

| n-hexane (110-54-3)                                |                      |
|--|----------------------|
| EU - Indicative Occupational Exposure Limit (IOEL) |                      |
| IOEL STEL  | 72 mg/m <sup>3</sup> |

  

| Ethanol (64-17-5)                                  |                                |
|--|--------------------------------|
| EU - Indicative Occupational Exposure Limit (IOEL) |                                |
| IOEL TWA   | 260 mg/m <sup>3</sup> @8h      |
| IOEL STEL  | 1900 mg/m <sup>3</sup> @15 min |

#### 8.1.2. Recommended monitoring procedures

No additional information available

#### 8.1.3. Air contaminants formed

No additional information available

#### 8.1.4. DNEL and PNEC

Additional information : 5 mg/m<sup>3</sup> for oil mists (TWA, 8h-workday) recommended, based upon the ACGIH TLV (Analysis according to US NIOSH Method 5026, NIOSH Manual of Analytical Methods, 3rd Edition).

#### 8.1.5. Control banding

No additional information available

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

No additional information available

#### 8.2.2. Personal protection equipment

##### Personal protective equipment:

High gas/vapour concentration: gas mask with filter type A. Safety glasses.

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



##### 8.2.2.1. Eye and face protection

###### Eye protection:

Safety glasses

##### 8.2.2.2. Skin protection

###### Skin and body protection:

Wear suitable protective clothing

# WOLF BRAKE CLEANER

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

### Hand protection:

Wear suitable gloves resistant to chemical penetration

### 8.2.2.3. Respiratory protection

#### Respiratory protection:

In case of inadequate ventilation wear respiratory protection.

### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental exposure controls

No additional information available

## SECTION 9: Physical and chemical properties

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

|   |   |
|---|---|
| Physical state                                  | : Liquid  |
| Appearance                                      | : Aerosol.  |
| Colour  | : brown.  |
| Odour   | : Characteristic.   |
| Odour threshold                                 | : No data available   |
| pH  | : No data available   |
| Relative evaporation rate (butylacetate=1)      | : 7   |
| Melting point                                   | : 0 °C  |
| Freezing point                                  | : No data available   |
| Boiling point                                   | : -57 – 95 °C   |
| Flash point                                     | : -17 °C  |
| Auto-ignition temperature                       | : 370 °C  |
| Decomposition temperature                       | : No data available   |
| Flammability (solid, gas)                       | : No data available   |
| Vapour pressure                                 | : 853 kPa @20°C   |
| Relative vapour density at 20 °C                | : No data available   |
| Relative density                                | : No data available   |
| Density   | : 727 kg/m <sup>3</sup>                                       |
| Solubility                                      | : Slightly soluble, the product remains on the water surface. |
| Partition coefficient n-octanol/water (Log Pow) | : No data available   |
| Viscosity, kinematic                            | : 1 mm <sup>2</sup> /s @20°C                                  |
| Viscosity, dynamic                              | : 1 mPa.s   |
| Explosive properties                            | : No data available   |
| Oxidising properties                            | : No data available   |
| Explosive limits                                | : No data available   |

### 9.2. Other information

VOC content : 97 %

## 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.

# WOLF BRAKE CLEANER

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

### 10.4. Conditions to avoid

No data available.

### 10.5. Incompatible materials

Strong oxidizers. acids. Bases.

### 10.6. Hazardous decomposition products

None under normal conditions.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

Acute toxicity (oral) : Not classified  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Not classified

#### n-hexane (110-54-3)

|                    |              |
|--------------------|--------------|
| LD50 oral rat      | ≥ 5000 mg/kg |
| LD50 dermal rabbit | ≥ 5000 mg/kg |
| LC50, Inhalation   | 50 mg/l/4h   |

#### Ethanol (64-17-5)

|                       |              |
|-----------------------|--------------|
| LD50 oral rat         | ≥ 5000 mg/kg |
| LD50 dermal rabbit    | ≥ 5000 mg/kg |
| LC50 Inhalation - Rat | ≥ 50 mg/l/4h |

#### Hydrocarbons, C6, isoalkanes, <5% n-hexane (64742-49-0)

|                                 |                 |
|---------------------------------|-----------------|
| LD50 oral rat                   | > 5000 mg/kg    |
| LD50 dermal rabbit              | > 3000 mg/kg    |
| LC50 Inhalation - Rat (Vapours) | > 10000 mg/l/4h |

Skin corrosion/irritation : Causes skin irritation.  
Serious eye damage/irritation : Causes serious eye irritation.  
Respiratory or skin sensitisation : Not classified  
Germ cell mutagenicity : Not classified  
Carcinogenicity : Not classified  
Reproductive toxicity : Not classified  
STOT-single exposure : May cause drowsiness or dizziness.

#### acetone (67-64-1)

|                      |                                    |
|----------------------|------------------------------------|
| STOT-single exposure | May cause drowsiness or dizziness. |
|----------------------|------------------------------------|

#### cyclohexane (110-82-7)

|                      |                                    |
|----------------------|------------------------------------|
| STOT-single exposure | May cause drowsiness or dizziness. |
|----------------------|------------------------------------|

#### n-hexane (110-54-3)

|                      |                                    |
|----------------------|------------------------------------|
| STOT-single exposure | May cause drowsiness or dizziness. |
|----------------------|------------------------------------|

#### Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics (64742-49-0)

|                      |                                    |
|----------------------|------------------------------------|
| STOT-single exposure | May cause drowsiness or dizziness. |
|----------------------|------------------------------------|

# WOLF BRAKE CLEANER

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

### Hydrocarbons, C6, isoalkanes, <5% n-hexane (64742-49-0)

STOT-single exposure : May cause drowsiness or dizziness.

STOT-repeated exposure : Not classified

### n-hexane (110-54-3)

STOT-repeated exposure : May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard : Not classified.

### WOLF BRAKE CLEANER

Viscosity, kinematic : 1 mm<sup>2</sup>/s @20°C

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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

Hazardous to the aquatic environment, long-term (chronic) : Toxic to aquatic life with long lasting effects.

### Ethanol (64-17-5)

LC50 - Fish [1] : 11000 mg/l @ Alburnus alburnus

LC50 - Fish [2] : 13000 mg/l @ Oncorhynchus mykiss

EC50 - Crustacea [1] : 9268 mg/l @ Daphnia magna

EC50 - Crustacea [2] : 12340 mg/l @ Daphnia magna

EC50 - Other aquatic organisms [1] : 1450 mg/l @192h (Mycrocystis aeruginosa)

EC50 72h - Algae [1] : 275 mg/l @ Chlorella vulgaris

### Hydrocarbons, C6, isoalkanes, <5% n-hexane (64742-49-0)

LC50 - Fish [1] : > 2 mg/l

### 12.2. Persistence and degradability

#### WOLF BRAKE CLEANER

Persistence and degradability : Not soluble in water, so only minimally biodegradable.

### Ethanol (64-17-5)

Biodegradation : 89 %

### 12.3. Bioaccumulative potential

#### Ethanol (64-17-5)

Bioconcentration factor (BCF REACH) : 3

Partition coefficient n-octanol/water (Log Pow) : -0.35

### 12.4. Mobility in soil

#### Ethanol (64-17-5)

Surface tension : 23390 N/m @25°C



# WOLF BRAKE CLEANER

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

### Ethanol (64-17-5)

|  |   |
|--|---|
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | 1 |
|--|---|

### 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

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

## SECTION 14: Transport information

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

### 14.1 UN number

|               |                  |
|---------------|------------------|
| UN-No. (ADR)  | : UN 1950        |
| UN-No. (IMDG) | : UN 1950        |
| UN-No. (IATA) | : UN 1950        |
| UN-No. (ADN)  | : Not applicable |
| UN-No. (RID)  | : UN 1950        |

### 14.2. UN proper shipping name

|                                       |   |
|---------------------------------------|---|
| Proper Shipping Name (ADR)            | : AEROSOLS  |
| Proper Shipping Name (IMDG)           | : Not applicable  |
| Proper Shipping Name (IATA)           | : Not applicable  |
| Proper Shipping Name (ADN)            | : Not applicable  |
| Proper Shipping Name (RID)            | : Not applicable  |
| Transport document description (ADR)  | : UN 1950 AEROSOLS, 2.1, (D), ENVIRONMENTALLY HAZARDOUS   |
| Transport document description (IMDG) | : UN 1950 , 2, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS |
| Transport document description (IATA) | : UN 1950 , 2, ENVIRONMENTALLY HAZARDOUS                  |
| Transport document description (RID)  | : UN 1950 , 2.1, ENVIRONMENTALLY HAZARDOUS                |

### 14.3. Transport hazard class(es)

#### ADR

Transport hazard class(es) (ADR) : 2.1  
Danger labels (ADR) : 2.1



#### IMDG

Transport hazard class(es) (IMDG) : 2



# WOLF BRAKE CLEANER

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

### IATA

Transport hazard class(es) (IATA) : 2  
:



### ADN

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



### RID

Transport hazard class(es) (RID) : 2.1  
Danger labels (RID) : 2.1  
:



## 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

Dangerous for the environment : Yes  
Marine pollutant : Yes  
Other information : No supplementary information available

## 14.6. Special precautions for user

### Overland transport

Classification code (ADR) : 5F  
Special provisions (ADR) : 190, 327, 344, 625  
Limited quantities (ADR) : 1I  
Excepted quantities (ADR) : E0  
Transport category (ADR) : 2  
Tunnel restriction code (ADR) : D

### Transport by sea

MFAG-No : 126

### Air transport

No data available

### Inland waterway transport

No data available

### Rail transport

No data available

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

Not applicable

# WOLF BRAKE CLEANER

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

### 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

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

Contains no substance subject to REGULATION (EU) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer.

Contains substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

##### ANNEX II REPORTABLE EXPLOSIVES PRECURSORS

List of substances on their own or in mixtures or in substances for which suspicious transactions and significant disappearances and thefts are to be reported to the relevant national contact point within 24 hours.

| Name    | CAS-No. | Combined Nomenclature code (CN) | Combined Nomenclature code for mixture without constituents which would determine classification under another CN code |
|---------|---------|---------------------------------|--|
| Acetone | 67-64-1 | 2914 11 00                      | ex 3824 99 92  |

Please see [https://ec.europa.eu/home-affairs/system/files/2021-11/list\\_of\\_competent\\_authorities\\_and\\_national\\_contact\\_points\\_en.pdf](https://ec.europa.eu/home-affairs/system/files/2021-11/list_of_competent_authorities_and_national_contact_points_en.pdf)

VOC content : 97 %

Other information, restriction and prohibition : Regulation (EC) No. 648/2004 of 31 March 2004 on detergents. Contains :  $\geq 30$  % aliphatic hydrocarbons.

Contains substance subject to Regulation (EC) 273/2004 of the European Parliament and of the Council of 11 February 2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances.

| Name    | CN designation | CAS-No. | CN code    | Category    | Threshold | Annex   |
|---------|----------------|---------|------------|-------------|-----------|---------|
| Acetone |                | 67-64-1 | 2914 11 00 | Categorie 3 |           | Annex I |

##### 15.1.2. National regulations

| France                |   |
|-----------------------|---|
| Occupational diseases |   |
| Code                  | Description   |
| RG 59                 | Occupational poisoning by hexane  |
| RG 66                 | Occupational rhinitis and asthma  |
| 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 dimethylacetamide; acetonitrile and propionitrile; pyridine; dimethylsulfone and dimethylsulfoxide |

##### Germany

Water hazard class (WGK) : WGK 1, Slightly 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 : Ethanol is listed

SZW-lijst van mutagene stoffen : None of the components are listed

SZW-lijst van reprotoxische stoffen – Borstvoeding : Ethanol is listed

SZW-lijst van reprotoxische stoffen – Vruchtbaarheid : n-hexane, Ethanol are listed

SZW-lijst van reprotoxische stoffen – Ontwikkeling : Ethanol is listed

# WOLF BRAKE CLEANER

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

### Denmark

Classification remarks : Emergency management guidelines for the storage of flammable liquids must be followed  
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

### Switzerland

Storage class (LK) : LK 2 - Liquefied or pressurized gases

## 15.2. Chemical safety assessment

No chemical safety assessment has been carried out for the substance or the mixture by the supplier

## SECTION 16: Other information

### Indication of changes

| Section | Changed item  | Change   | Comments |
|---------|---|----------|----------|
|         | Supersedes  | Modified |          |
|         | Revision date   | Modified |          |
| 2.1     | Classification according to Regulation (EC) No. 1272/2008 [CLP] | Modified |          |
| 2.2     | Precautionary statements (CLP)                                  | Modified |          |
| 3       | Composition/information on ingredients                          | Modified |          |
| 9.1     | Auto-ignition temperature                                       | Modified |          |
| 9.1     | Flash point   | Modified |          |
| 9.1     | Upper explosive limit (UEL)                                     | Modified |          |
| 15.1    | Other information, restriction and prohibition regulations      | Added    |          |

### Abbreviations and acronyms:

|  |
|--|
| ACGIH: American Conference of Governmental Industrial Hygienists   |
| TWA: Time Weighted Average   |
| TLV: Threshold Limit Value   |
| ASTM: American Society for Testing and Materials   |
| ADR: Accord Européen Relatif au Transport International des Marchandises Dangereuses par Route                       |
| RID: Regulations Concerning the International Carriage of Dangerous Goods by Rail                                    |
| ADNR: Accord Européen relatif au Transport International des Marchandises Dangereuses par voie de Navigation du Rhin |
| IMDG: International Maritime Dangerous Goods   |
| ICAO: International Civil Aviation Organization  |
| IATA: International Air Transport Association  |
| STEL: Short Term Exposure Limit  |
| LD50: median Lethal Dose for 50% of subjects   |
| ATE: acute toxicity estimate   |
| LC50: median Lethal Concentration for 50% of subjects  |
| EC50: concentration producing 50% effect   |

# WOLF BRAKE CLEANER

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

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:

|                    |  |
|--------------------|--|
| Aquatic Acute 1    | Hazardous to the aquatic environment – Acute Hazard, Category 1        |
| Aquatic Chronic 1  | Hazardous to the aquatic environment – Chronic Hazard, Category 1      |
| Aquatic Chronic 2  | Hazardous to the aquatic environment – Chronic Hazard, Category 2      |
| Asp. Tox. 1        | Aspiration hazard, Category 1  |
| Eye Irrit. 2       | Serious eye damage/eye irritation, Category 2                          |
| Flam. Gas 1        | Flammable gases, Category 1  |
| Flam. Liq. 2       | Flammable liquids, Category 2  |
| H220               | Extremely flammable gas.   |
| H222               | Extremely flammable aerosol.   |
| H225               | Highly flammable liquid and vapour.                                    |
| H229               | Pressurised container: May burst if heated.                            |
| H280               | Contains gas under pressure; may explode if heated.                    |
| H304               | May be fatal if swallowed and enters airways.                          |
| H315               | Causes skin irritation.  |
| H319               | Causes serious eye irritation.   |
| H336               | May cause drowsiness or dizziness.                                     |
| H361f              | Suspected of damaging fertility.                                       |
| H373               | May cause damage to organs through prolonged or repeated exposure.     |
| H400               | Very toxic to aquatic life.  |
| H410               | Very toxic to aquatic life with long lasting effects.                  |
| H411               | Toxic to aquatic life with long lasting effects.                       |
| Press. Gas (Comp.) | Gases under pressure : Compressed gas                                  |
| Press. Gas (Liq.)  | Gases under pressure : Liquefied gas                                   |
| Repr. 2            | Reproductive toxicity, Category 2                                      |
| Skin Irrit. 2      | Skin corrosion/irritation, Category 2                                  |
| STOT RE 2          | Specific target organ toxicity – Repeated exposure, Category 2         |
| STOT SE 3          | Specific target organ toxicity – Single exposure, Category 3, Narcosis |

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.