

**SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

**1.1. Product Identifier**

Trade name: **Cleaning Degreaser**

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

Spray industrial degreaser.

**Uses advised against**

None.

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

<b>Distributor</b>	<b>Heracles</b>
	<b>Piotr Opaliński</b>
	<b>ul. Orańska 35</b>
	<b>81-533 Gdynia</b>

1.4. Emergency telephone number:

+48 tel: 501049759

**Date of issue:** 2022-05-24

**SECTION 2. HAZARDS IDENTIFICATION**

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

Classification according to Regulation (EC) No 1272/2008



**GHS02**



**GHS07**



**GHS08**



**GHS09**

Dgr

H222 Extremely flammable aerosol.

H229 Pressurised container: May burst if heated.

H304 May be fatal if swallowed and enters airways.

H336 May cause drowsiness or dizziness.

H411 Toxic to aquatic life with long lasting effects.

EUH066 Repeated exposure may cause skin dryness or cracking.

EUH208 Contains dipentene. May produce an allergic reaction.

**2.2. Label elements**

**Contains:**

Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics

Fragrance (D-LIMONENE, DIPENTENE)

**Signal word:**

Danger

**Pictogram:**



GHS02



GHS07



GHS09

**Hazard statement(s)**

H222 Extremely flammable aerosol.  
H229 Pressurised container: May burst if heated.  
H336 May cause drowsiness or dizziness  
H411 Toxic to aquatic life with long lasting effects  
EUH066 Repeated exposure may cause skin dryness or cracking.  
EUH208 Contains dipentene. May produce an allergic reaction

**Precautionary statement(s)**

P102 Keep out of reach of children  
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P211 Do not spray on an open flame or other ignition source.  
P251 Do not pierce or burn, even after use.  
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.  
P260 Do not breathe mist/vapours/spray.  
P302+ P352 IF ON SKIN: Wash with plenty of water and soap.  
P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P405 Store locked up.  
P501 Dispose of contents/container to an authorised waste collection point.

**2.3 Other hazards**

Does not fulfil criteria of PBT and vPvB according to annex XIII 1907/2006  
UN 1950

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

**3.1. Substances**

N.A.

**3.2. Mixtures**

**Hazardous components within the meaning of CLP regulation and related classification:**

Substance name	Conc.	CAS No	Index No	EC No	Classification
C7-C9 hydrocarbons, n-alkanes, isoalkanes, cyclic REACH Reg No 01-2119473851-33-0006	<55%	-	-	920-750-0	GHS02; GHS07; GHS08 ; GHS09 Dgr FlamLiq2: H225 Asp.Tox1: H304 STOT SE3: H336 AquaticChronic2: H411 EUH066

**Cleaning Degreaser**

<b>Propan-2-ol;</b> REACH Reg. No 01-2119497558-25-XXXX	<10%	67-63-0	603-117-00-0	200-661-7	<b>GHS02; GHS07</b> <b>Dgr</b> <b>FlamLiq2: H225</b> <b>EyeIrrit2: H319</b> <b>STOT SE3: H336</b>
<b>Propane</b> <b>Butane</b>	<45%	74-98-6 106-97-8	601-003-00-5 601-004-00-0	200-827-9 203-448-7	<b>GHS02; GHS04</b> <b>Dgr</b> <b>FlamGas1: H220</b> <b>PressGas: H280</b>
<b>Dipentene</b>	<0,2%	138-86-3	601-029-00-7	205-341-0	<b>GHS02; GHS07</b> <b>GHS09</b> <b>Wng</b> <b>FlamLiq3: H226</b> <b>SkinIrrit2: H315</b> <b>SkinSens1: H317</b> <b>AquaticChronic1:</b> <b>H410</b> <b>AquaticAcute1: H400</b>

Full text of H-Phrases can be found under heading 16

**SECTION 4. FIRST AID MEASURES**

**4.1. Description of first aid measures**

**In case of skin contact:**

Immediately take off all contaminated clothing. After contact with skin, wash immediately with soap and plenty of water. In case of irritation, consult a doctor

**In case of eyes contact:**

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time. In case of irritation, consult an ophthalmologist. Remove Contact Lenses

**In case of Ingestion:**

Do not under any circumstances induce vomiting. Never give anything by mouth to an unconscious person. Consult a doctor immediately and show him label or Safety Data Sheet.

**In case of Inhalation:**

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. In case of respiration problems, consult a doctor immediately and show him label or Safety Data Sheet.

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

May cause drowsiness or dizziness

Contains dipentene. May produce an allergic reaction

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

In case if ingestion consult a doctor.

**Treatment:**

None

## SECTION 5. FIREFIGHTING MEASURES

### 5.1. Extinguishing media

#### Suitable extinguishing media:

Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.

#### Extinguishing media which must not be used for safety reasons:

Water jet.

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

Extremely flammable aerosol. Pressurised container: May burst if heated. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.. The vapour is heavier than air, spreads along the ground and distant ignition is possible. Toxic fumes may be evolved on burning or exposure to heat. Do not inhale explosion and combustion gases.

### 5.3. Advice for firefighters

Fires in confined spaces should be dealt with by trained personnel wearing approved air supplied breathing apparatus. Water may be used to cool nearby heat exposed areas/objects/packages. Avoid spraying directly into storage containers because of the danger of boil-over. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Move undamaged containers from immediate hazard area if it can be done safely.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

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

Wear personal protection equipment.

Wear breathing apparatus if exposed to vapours/dusts/aerosols.

Provide adequate ventilation.

Use appropriate respiratory protection.

See protective measures under point 7 and 8.

### 6.2. Environmental precautions

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

Retain contaminated washing water and dispose it.

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

Contain and recover liquid using sand or other suitable inert absorbent material. It is advised that stocks of suitable absorbent material should be held in quantities sufficient to deal with any spillage which may be reasonably anticipated. Recovery of large spillages should be effected by specialist personnel. Protect drains from potential spills to minimise contamination. Do not wash product into drainage system. Large and uncontained spillages should be smothered in foam to reduce the risk of ignition. The foam blanket should be maintained until the area is declared safe. Vapour is heavier than air and may travel to remote sources of ignition (e.g. along drainage systems, in basements, etc.). In the case of spillage on water, prevent the spread of product by the use of suitable barrier equipment. Recover product from the surface. Protect environmentally sensitive areas and water supplies. In case of spillage at sea, approved dispersants may be used where authorized by the appropriate regulatory authority. In the event of spillages, contact the appropriate authorities.

### 6.4. Reference to other sections

See Section 8 for information on personal protection equipment.

## SECTION 7. HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Avoid breathing vapours or contact with material. Only use in well ventilated areas. Wash thoroughly after handling.

Air-dry contaminated clothing in a well-ventilated area before laundering. Properly dispose of any contaminated rags or cleaning materials in order to prevent fires. Use local exhaust ventilation if there is risk of inhalation of vapours. Prevent spillages. For comprehensive advice on handling, product transfer, storage and tank cleaning refer to the product supplier. For guidance on selection of personal protective equipment see Chapter 8 of this Material Safety Data Sheet. Use the information

## Cleaning Degreaser

in this data sheet as input to a risk assessment of local circumstances to help determine appropriate controls for safe handling, storage and disposal of this material.

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

Store and dispense only in well ventilated areas away from heat and sources of ignition. Store and use only in equipment/containers designed for use with the product. Containers must be properly labelled and kept closed when not in use. Do not remove warning labels from containers. Do not re-use container for any other product. Empty packages may retain residual product; retain hazard warning labels on empty packages as a guide to their safe handling, storage and disposal. Do not introduce an ignition source. Heating may cause an explosion.

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

None.

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1. Control parameters**

DNEL (propan-2-ol):

- worker, systemic action, dermal, long-term: 888 mg / kg
- population, systemic effect, long-term, oral: 26 mg / kg
- population, systemic effects, long-term, skin: 319 mg / kg
- population, systemic effects, long-term, inhalation: 89 mg / m<sup>3</sup>

PNEC (propan-2-ol):

- fresh water: 140.9 mg / l
- salt water: 140.9 mg / l
- freshwater sediments: 552 mg / kg
- saline sediments: 552 mg / kg
- soil: 28 mg / kg
- sewage treatment plant: 2251 mg / l

**8.2. Exposure controls**

Do not eat, drink or smoke while working. Instantly remove any soiled and impregnated garments.

Wash hands during breaks and at the end of the work. Avoid contact with the eyes and skin.

Eye protection:

None.

Protection for skin/hands:

If skin contact is likely, wear impervious protective clothing and/or gloves.

Respiratory protection:

Respiratory protection is normally unnecessary, provided the concentration of vapour is adequately controlled.

Thermal Hazards:

None

Environmental exposure controls:

None

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES****9.1. Information on basic physical and chemical properties**

Appearance and colour: liquid, aerosol, colorless or straw

Odour: characteristic

Odour threshold: N.D.

pH: N.A./

Melting point / freezing point: N.D.

Initial boiling point and boiling range: N.D.

Upper/lower flammability or explosive limits: N.D.

Vapour density: N.D.

Flash point: N.D.

Evaporation rate: N.A.

Vapour pressure: N.D.

Density: N.D.

Solubility in water: insoluble  
Solubility in organic solvents: soluble in aromatic solvents  
Lipid solubility: N.A.  
Partition coefficient (n-octanol/water): N.A.  
Ignition temperature: N.D.  
Auto-ignition temperature: N.A.  
Decomposition temperature: N.A.  
Viscosity : N.D.  
Explosive properties: none  
Oxidizing properties: not oxidizing

## 9.2. Other information

-

## SECTION 10. STABILITY AND REACTIVITY

### 10.1. Reactivity

The mixture can react with strong acids and oxidants.

### 10.2. Chemical stability

Stable under normal conditions of handling and storage.

### 10.3. Possibility of hazardous reactions

None.

### 10.4. Conditions to avoid

- solar radiation
- sparks
- flame
- heat

### 10.5. Incompatible materials

- strong oxidisers
- strong acids

### 10.6. Hazardous decomposition products

- carbon oxides
- toxic gases and smoke

## SECTION 11. TOXICOLOGICAL INFORMATION

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

a) acute toxicity: no hazard

#### Propane:

odor threshold 9022 ÷ 36088 mg/m<sup>3</sup>

#### Butane :

odor threshold 6240 mg/m<sup>3</sup>

LC50 (rat, inhalation) : 658000 mg/m<sup>3</sup>/4 h

#### Propan-2-ol:

LD50 (rat, ingestion): 5280 mg/kg

LD50 (rabbit, skin):12800 mg/kg

LC50 (rat, inhalation) : 72,6 mg/m<sup>3</sup>/4 h

b) skin corrosion/irritation: no hazard

c) serious eye damage/irritation: Causes serious eye irritation

d) respiratory or skin sensitization: Contains dipentene. May produce an allergic reaction

e) germ cell mutagenicity: no hazard

f) carcinogenicity: no hazard

g) reproductive toxicity: no hazard

h) STOT-single exposure: May cause drowsiness or dizziness

i) STOT-repeated exposure: no hazard

j) aspiration hazard: May be fatal if swallowed and enters airways

**11.2 Information on other hazards**

Repeated exposure may cause skin dryness or cracking.

**SECTION 12. ECOLOGICAL INFORMATION**

**12.1. Toxicity**

Toxic to aquatic life with long lasting effects

**12.2. Persistence and degradability**

No data.

**12.3. Bioaccumulative potential**

No data.

**12.4. Mobility in soil**

No data

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

vPvB Substances: None - PBT Substances: None

**12.6. Endocrine disrupting properties**

None

**12.7. Other adverse effects**

None

**SECTION 13. DISPOSAL CONSIDERATIONS**

**13.1. Waste treatment methods**

Dispose of via an authorised person/ licensed waste disposal contractor in accordance with local regulations or if approved allowed to degrade in situ. Dispose of product and container carefully and responsibly. Do not dispose of near ponds, ditches, down drains or onto soil. Empty packages may contain some remaining product. Hazard warning labels are a guide to the safe handling of empty packages and should not be removed.

**SECTION 14. TRANSPORT INFORMATION**

**14.1. UN number or ID number**

UN 1950

**14.2. UN proper shipping name**

Aerosols, flammable

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

2

**14.4. Packing Group**

No

**14.5. Environmental hazards**

Yes

**14.6. Special Precautions for User**

During handling wear personal protection equipment (see Section 8)  
Avoid heat and flame.

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

N.A.

Label: 2.1

**SECTION 15. REGULATORY INFORMATION**

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

- Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC

- Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification,

labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

- Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

**Where applicable, refer to the following regulatory provisions :**

Directive 2003/105/CE ('Activities linked to risks of serious accidents') and subsequent amendments.

Regulation (EC) nr 648/2004 (detergents).

1999/13/EC (VOC directive)

**15.2. Chemical Safety Assessment**

No

**SECTION 16. OTHER INFORMATION**

Full text of phrases referred to in Section 3:

H220	Extremely flammable gas
H222	Extremely flammable aerosol
H225	Highly flammable liquid and vapour
H226	Flammable liquid and vapour
H280	Contains gas under pressure; may explode if heated
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Działa drażniąco na oczy.
H336	May cause drowsiness or dizziness
H411	Toxic to aquatic life with long lasting effects
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
EUH066	Repeated exposure may cause skin dryness or cracking.

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.