# 10k Petrol Injector Cleaner

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2020/878

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1 Product identifier

| | |
|---|---|
| Product Name | 10k Petrol Injector Cleaner |
| Product code | 1434 |
| Unique Formula Identifier (UFI) | X3Y3-P0G4-J007-YA8A |
| CAS No. | Not applicable. |
| EC No. | Not applicable. |
| REACH Registration No. | Not known. |

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

| | |
|---|---|
| Identified Use(s) | Fuel Additive |
| Uses Advised Against | Not known. |

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

| | |
|---|---|
| Manufacturer | |
| Company Identification | Granville Oil & Chemicals Ltd |
| Address of Manufacturer | 29 Goldthorpe Ind. Est.,<br>Goldthorpe,<br>Rotherham,<br>South Yorkshire, |
| Postal code | S63 9BL |
| Telephone: | +44 (0)1709 890099 |
| Fax | Not known. |
| E-mail | lab@granvilleoil.com |
| Office hours | 08:00 - 17:00 |
| Responsible Person | |
| Company Identification | Veedol Deutschland GmbH. |
| Address of Responsible Person | Hans-Böckler-Straße 10<br>Langenfeld,<br>Germany |
| Postal code | 40764 |
| Telephone: | +49 (0) 2173 893 30 30 |
| Fax | Not known. |
| E-mail | lab@granvilleoil.com |

### 1.4 Emergency telephone number

| | |
|---|---|
| Emergency Phone No. | +44 (0)1709 890099 |
| Contact | Granville Lab |

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

| | |
|---|---|
| Regulation (EC) No. 1272/2008 (CLP) | Asp. Tox. 1 :May be fatal if swallowed and enters airways.<br>Aquatic Chronic 3 :Harmful to aquatic life with long lasting effects. |

# 10k Petrol Injector Cleaner

## 2.2 Label elements

According to Regulation (EC) No. 1272/2008 (CLP)

Product Name: 10k Petrol Injector Cleaner

Hazard Pictogram(s):

GHS08

Signal Word(s): Danger

Hazard Statement(s):
H304: May be fatal if swallowed and enters airways.
H412: Harmful to aquatic life with long lasting effects.

Precautionary Statement(s):
P102: Keep out of reach of children.
P260: Do not breathe dust/fume/gas/mist/vapours/spray.
P262: Do not get in eyes, on skin, or on clothing.
P273: Avoid release to the environment.
P301+P310: IF SWALLOWED: Immediately call a POISON CENTRE/doctor.
P331: Do NOT induce vomiting.
P501: Dispose of contents in accordance with local, state or national legislation.

## 2.3 Other hazards

None known.

## 2.4 Additional Information

For full text of H/P Statements see section 16.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

## 3.1 Substances

Not applicable.

## 3.2 Mixtures

| HAZARDOUS INGREDIENT(S) | CAS No. | EC No. / REACH Registration No. | %W/W | Hazard Statement(s) | Hazard Pictogram(s) |
|---|---|---|---|---|---|
| Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics | | 918-481-9 | 50-100 | Asp. Tox. 1 H304 | GHS08 |
| Hydrocarbons, C10, aromatics, >1% naphthalene | | 919-284-0 | 2.5-10 | Asp. Tox. 1 H304<br>STOT SE 3 H336<br>Aquatic Chronic 2 H411 | GHS08<br>GHS07<br>GHS09 |
| Polymer | | Reg.nr.: Conf0621 | <2.5 | Skin Irrit. 2 H315 | GHS07 |

| | | | | | |
|---|---|---|---|---|---|
| naphthalene | 91-20-3 | 202-049-5 | <1 | Acute Tox. 4 H302<br>Carc. 2 H351<br>Aquatic Acute 1 H400<br>Aquatic Chronic 1 H410 | GHS08<br>GHS07<br>GHS09 |

| HAZARDOUS INGREDIENT(S) | CAS No. | Specific Concentration Limit | M-factor | ATE |
|---|---|---|---|---|
| naphthalene | 91-20-3 | | | Acute Tox. 4 (H302) : 500.000 |

Contains no non-classified vPvB substances or substances with a Union workplace exposure limit.
For full text of H/P Statements see section 16.

## SECTION 4: FIRST AID MEASURES

### 4.1 Description of first aid measures

| | |
|---|---|
| Inhalation | Supply fresh air; consult doctor in case of complaints. In case of unconsciousness place patient stably in side position for transportation. |
| Skin Contact | Take off contaminated clothing immediately and wash the skin with plenty of water (possibly showering). Do NOT use solvents or thinners. |
| Eye Contact | Rinse opened eye for several minutes (at least 15 minutes) under running water. If symptoms persist, consult a doctor. |
| Ingestion | Do not induce vomiting; call for medical help immediately. |

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

Treat symptomatically.

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

After ingestion of the liquid, droplets of the product may enter the lungs (aspiration), whereby pneumonia can occur.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1 Extinguishing media

| | |
|---|---|
| Suitable Extinguishing media | CO2, powder, foam or water spray. Fight larger fires with water spray or alcohol resistant foam. |
| Unsuitable extinguishing media | Water with full jet. |

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

Carbon monoxide (CO) Carbon dioxide (CO2) Keep dust/vapour clouds away from possible ignition points

### 5.3 Advice for firefighters

Wear self-contained respiratory protective device. Cool endangered tanks with water spray.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**6.1 Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Keep unprotected persons away. Keep away from ignition sources. Avoid breathing vapor and contact with eyes, skin and clothing.

**6.2 Environmental precautions**

Do not allow product to reach sewage system or any water course. Inform respective authorities in case of seepage into water course or sewage system. Do not allow to enter sewers/ surface or ground water.

**6.3 Methods and material for containment and cleaning up**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to section 13. Ensure adequate ventilation.

**6.4 Reference to other sections**

See Also Section 8, 13.

## SECTION 7: HANDLING AND STORAGE

**7.1 Precautions for safe handling**

Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols. Keep ignition sources away - Do not smoke. Protect against electrostatic charges. Observe the general rules for fire prevention.

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

Storage must comply with the local regulations. Store only in the original receptacle. Keep in a cool, dry place, protected from direct sunlight. All hazardous products must be placed above a sump pallet. Store away from oxidising agents

| | |
|---|---|
| Storage temperature | Ambient. |
| Storage life | Stable under normal conditions. |
| Incompatible materials | Oxidising agents. |

**7.3 Specific end use(s)**

Fuel Additive.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**8.1 Control parameters**

8.1.1 Occupational Exposure Limits — No Occupational Exposure Limit assigned.

| Biological Exposure Indices | | | | | | |
|---|---|---|---|---|---|---|
| Substances | CAS Number | Sampling | Tissues | Control parameters | Biological monitoring guidance value | Comments |
| Polycyclic aromatic hydrocarbons (PAHs) | 91-20-3 | 4 $\mu$mol 1-hydroxypyrene/mol creatinine in urine | Post shift | | | |

Remark Notes

**8.2 Exposure controls**

8.2.1. Appropriate engineering controls — Use with ventilation, local exhaust ventilation or breathing protection.

8.2.2. Personal protection equipment

Eye Protection — Wear eye protection with side protection (EN166).

Skin protection — Wear protective clothing and gloves: Impervious gloves (EN 374).

Respiratory protection — Not required. In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Thermal hazards — None known.

8.2.3. Environmental Exposure Controls — Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

| | |
|---|---|
| Physical state | Liquid. |
| Colour | Transparent. |
| Odour | Characteristic. |
| Melting point/freezing point | Not known. |
| Boiling point or initial boiling point and boiling range | 160 ° C. |
| Flammability | Not known. |
| Lower and upper explosion limit | Lower 0.6 Vol % Upper 7.0 Vol %. |
| Flash Point | 62 ° C. |
| Auto-ignition temperature | Product is not self-igniting. |
| Decomposition Temperature | Not known. |
| pH | Not known. |
| Kinematic Viscosity | 7 $mm^2/s$ at 40 ° C. |
| Solubility | Solubility (Water) : Insoluble.<br>Solubility (Other) : Not known. |
| Partition coefficient n-octanol/water (log value) | Not known. |
| Vapour pressure | 1 hPa at 20 ° C. |
| Density and/or relative density | 0.8 $g/cm^3$ at 20 ° C. |
| Relative vapour density | Not known. |
| Particle characteristics | Not known. |

### 9.2 Other information

None.

## SECTION 10: STABILITY AND REACTIVITY

**10.1 Reactivity**

Reacts violently with oxidizing agents, strong acids and strong bases.

**10.2 Chemical Stability**

Stable under normal conditions.

**10.3 Possibility of hazardous reactions**

No hazardous reactions known if used for its intended purpose.

**10.4 Conditions to avoid**

Direct sunlight Heat Sparks-Open fire.

**10.5 Incompatible materials**

Oxidising Agents.

**10.6 Hazardous decomposition products**

Carbon monoxide and carbon dioxide.

## SECTION 11: TOXICOLOGICAL INFORMATION

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

| | |
|---|---|
| Acute toxicity - Ingestion | Calculation method : Not classified.<br>Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 55555.56000 |
| Acute toxicity - Skin Contact | Calculation method : Not classified. |
| Acute toxicity - Inhalation | Calculation method : Not classified. |
| Skin corrosion/irritation | Calculation method : Not classified. |
| Serious eye damage/irritation | Calculation method : Not classified. |
| Skin sensitization data | Calculation method : Not classified. |
| Respiratory sensitization data | Calculation method : Not classified. |
| Germ cell mutagenicity | Calculation method : Not classified. |
| Carcinogenicity | Calculation method : Not classified. |
| Reproductive toxicity | Calculation method : Not classified. |
| Lactation | Calculation method : Not classified. |
| STOT - single exposure | Calculation method : Not classified. |
| STOT - repeated exposure | Calculation method : Not classified. |
| Aspiration hazard | Calculation method : May be fatal if swallowed and enters airways. |

**11.2 Information on other hazards**

Not known.

## SECTION 12: ECOLOGICAL INFORMATION

**12.1 Toxicity**

Harmful to aquatic life. Harmful to aquatic life with long lasting effects.

| | |
|---|---|
| Toxicity - Aquatic invertebrates | Not known. |
| Toxicity - Fish | Not known. |
| Toxicity - Algae | Not known. |
| Toxicity - Sediment Compartment | Not classified. |
| Toxicity - Terrestrial Compartment | Not classified. |

**12.2 Persistence and degradability**

Not known.

**12.3 Bioaccumulative potential**

Not known.

**12.4 Mobility in soil**

Not known.

**12.5 Results of PBT and vPvB assessment**

Not known.

**12.6 Endocrine disrupting properties**

None known.

**12.7 Other adverse effects**

Not known.

## SECTION 13: DISPOSAL CONSIDERATIONS

**13.1 Waste treatment methods**

Dispose of contents in accordance with local, state or national legislation. Dispose of this material and its container to hazardous or special waste collection point. Dispose at suitable refuse site. Do not allow product to reach sewage system

**13.2 Additional Information**

Disposal should be in accordance with local, state or national legislation.

## SECTION 14: TRANSPORT INFORMATION

**Not classified as hazardous for transport.**

**14.1 UN number or ID number**

Not applicable

**14.2 UN proper shipping name**

Not applicable

**14.3 Transport hazard class(es)**

Not applicable

**14.4 Packing group**

Not applicable

**14.5 Environmental hazards**

Not classified as a Marine Pollutant.

**14.6 Special precautions for user**

Not known

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

Not known

## SECTION 15: REGULATORY INFORMATION

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

## 10k Petrol Injector Cleaner

| | |
|---|---|
| European Regulations - Authorisations and/or Restrictions On Use | |
| Candidate List of Substances of Very High Concern for Authorisation | Not listed |
| REACH: ANNEX XIV list of substances subject to authorisation | Not listed |
| REACH: Annex XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles | Polycyclic-aromatic hydrocarbons (PAH) (91-20-3), Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics (), Hydrocarbons, C10, aromatics, >1% naphthalene (), Polymer () |
| Community Rolling Action Plan (CoRAP) | naphthalene (91-20-3) |
| Regulation (EU) N° 2019/1021 of the European Parliament and of the Council on persistent organic pollutants | Polycyclic aromatic hydrocarbons (PAHs) (91-20-3) |
| Regulation (EC) N° 1005/2009 on substances that deplete the ozone layer | Not listed |
| Regulation (EU) N° 649/2012 of the European Parliament and of the Council concerning the export and import of hazardous chemicals | Not listed |
| **National regulations** | |
| Other | Not known. |

**15.2 Chemical Safety Assessment**

A REACH chemical safety assessment has not been carried out.

## SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements:

**LEGEND**

| | |
|---|---|
| Hazard Pictogram(s) |  GHS08 |
| | GHS07: GHS: Exclamation mark |
| | GHS09: GHS: Environment |
| Hazard classification | Acute Tox. 4 : Acute toxicity, Category 4 |
| | Asp. Tox. 1 : Aspiration hazard, Category 1 |
| | Skin Irrit. 2 : Skin corrosion/irritation, Category 2 |
| | STOT SE 3 : Specific target organ toxicity — single exposure, Category 3 |
| | Carc. 2 : Carcinogenicity, Category 2 |
| | Aquatic Acute 1 : Hazardous to the aquatic environment, Acute, Category 1 |

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Aquatic Chronic 1 : Hazardous to the aquatic environment, Chronic, Category 1

Aquatic Chronic 2 : Hazardous to the aquatic environment, Chronic, Category 2

Aquatic Chronic 3 : Hazardous to the aquatic environment, Chronic, Category 3

| | |
|---|---|
| Hazard Statement(s) | H302: Harmful if swallowed.<br>H304: May be fatal if swallowed and enters airways.<br>H315: Causes skin irritation.<br>H336: May cause drowsiness or dizziness.<br>H351: Suspected of causing cancer.<br>H400: Very toxic to aquatic life.<br>H410: Very toxic to aquatic life with long lasting effects.<br>H411: Toxic to aquatic life with long lasting effects.<br>H412: Harmful to aquatic life with long lasting effects. |
| Precautionary Statement(s) | P273: Avoid release to the environment.<br>P301+P310: IF SWALLOWED: Immediately call a POISON CENTRE/doctor.<br>P331: Do NOT induce vomiting.<br>P405: Store locked up.<br>P501: Dispose of contents in accordance with local, state or national legislation. |
| Acronyms | ATE : Acute Toxicity Estimate<br>CAS : Chemical Abstracts Service<br>CLP : Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures<br>DNEL : Derived No Effect Level<br>EC : European Community<br>EINECS : European Inventory of Existing Commercial Chemical Substances<br>LTEL : Long term exposure limit<br>PBT : Persistent, Bioaccumulative and Toxic<br>PNEC : Predicted No Effect Concentration<br>REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals<br>STEL : Short term exposure limit<br>STOT : Specific Target Organ Toxicity<br>vPvB : very Persistent and very Bioaccumulative |
| Key literature references and sources for data used to compile the SDS | Regulation (EC) No. 1272/2008 (CLP) |
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