

GENERIC EU MSDS-NO COUNTRY SPECIFIC DATA-NO OEL DATA.



Product Name: GO GREEN PILL

SECTION 1: IDENTIFICATION OF THE MATERIAL AND THE SUPPLIER

Product Name: Go Green PILL.
Substance/Mixture: Solid Tablet.
Recommended Use: Conditioner for Hydrocarbon fuels.

Address:

Telephone:

1.1 Product identifiers.

Product Name: **Go Green Pill**
Product Brand: **Go Green Pill.**
CAS Number: Multiple (Refer to Section 3).

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

Identified uses: Engine Lubricant/Conditioner for Hydrocarbon fuels in Pill form.
Dosing: 1 Pill treats up to 70 litres (Diesel or Gasoline fuel) according to DIN/EU-Norm.

1.3 Details of the supplier of the safety data sheet.

Supplier Name
Address

Telephone _____
Email address _____

1.4 Emergency telephone number

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture.

Non Hazardous as defined by 29 CFR 1915.2 (S).

Classified as hazardous according to the criteria of NOHSC, and **Not** classified as **Dangerous Goods** according to the Australian Goods Code.

OSHA HAZARD: Not regulated per Title 49 CFR 173.150 (f).

Chronic aquatic toxicity (Category 1), H410.

For full text of the H-Statements mentioned in this Section, refer to Section 16.

2.2 Label elements.

Labelling according Regulation (EC) no. 1272/2008.

Pictogram



Signal Word

Non Dangerous.

Hazard statement(s)

H302	Harmful if swallowed.
H315	Causes skin irritation.
H335	May cause respiratory irritation.
H410	Very toxic to aquatic life with long lasting effects.

Precautionary statement(s)

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P260	Do not breathe dust/fumes/gas/mist /vapours/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P314+P330	IF SWALLOWED: Get medical advice/attention if you feel unwell. Rinse mouth.
P370+P378	In case of fire: Use dry powder or dry sand to distinguish.
Supplemental Hazard Statements	None.

2.3 Other Hazards.

The substance/mixture contains no components considered to be persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Description of Ingredients

Ingredient	CAS No.	Contents
Lubritab®	6833-009	<15%
Mixed Long Chain Esters C24	661-19-8	<20%
Special Proprietary grade FE	102-54-5	<15%
Hydrogenated Canola Oil	226993-69-7	<25%
Stenol®	661-19-8	>10%
Mixed Long Chain esters C24-C32		>15%

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures.

General advice.

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled.

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult physician.

In case of skin contact.

Wash off with soap and plenty of water. Consult a physician.

In case of eye contact.

Flush eyes as a precaution.

If swallowed.

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

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

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

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

No data available.

SECTION 5: FIRE FIGHTING MEASURES

5.1 Extinguishing media.

Suitable extinguishing media.

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture.

Carbon oxides, Iron oxides

5.3 Advice for firefighters.

Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information

Use water spray to cool unopened containers.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures.

Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Avoid breathing dust.

For personal protection see section 8.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up

Sweep up and shovel. Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13). Keep in suitable, closed containers for disposal. Contain spillage, pick up with an electrically protected vacuum cleaner or by wet-brushing and transfer to a container for disposal according to local regulations (see section 13).

6.4 Reference to other sections

For disposal see section 13.

SECTION 7: STORAGE AND HANDLING

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols.

Provide appropriate exhaust ventilation at places where dust is formed. Keep away from sources of ignition - No smoking. Take measures to prevent the build-up of electrostatic charge.

For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

Heat sensitive.

Storage class (TRGS 510): Flammable solid non hazardous materials

7.3 Specific end use(s)

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters.

Components with workplace control parameters.

8.2 Exposure controls.

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment.

Eye/face protection.

Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection.

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Full contact

Material: Nitrile rubber

Minimum layer thickness: 0.11mm

Break through time: 480 min

Material tested: Dermatrill® (KCL 740 / Aldrich Z677272, Size M)

Splash contact

Material: Nitrile rubber

Minimum layer thickness: 0,11mm

Break through time: 480 min

Material tested: Dermatrill® (KCL 740 / Aldrich Z677272, Size M)

Data source: KCL GmbH, D-36124 Eichenzell, phone +49 (0)6659 87300, e-mail sales@kcl.de, test method: EN374

If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

Body Protection.

Complete suit protecting against chemicals, Flame retardant antistatic protective clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection.

Where risk assessment shows air -purifying respirators are appropriate use a full -face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure.

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties.

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|---|---|
| a) Appearance | Form: Solid Pill. |
| b) Odour | Slight. |
| c) Colour | Bronze/Brown. |
| d) pH | No data available. |
| e) Melting point/freezing point | Melting point/range: 172 - 174 °C - lit. |
| f) Initial boiling point and boiling range | 249 °C - lit. |
| g) Flash point | No data available. |
| h) Evaporation rate | No data available. |
| i) Flammability (solid, gas) | No data available. |
| j) Upper/lower flammability or explosive limits | No data available. |
| k) Vapour pressure | No data available. |
| l) Vapour density | 4.8. |
| m) Relative density | No data available. |
| n) Water solubility | 0,0001 g/l - slightly soluble. |
| o) Partition coefficient: n-octanol/water | log Pow: 2,66 - The preceding data, or interpretation of data, was determined using Quantitative Structure Activity Relationship (QSAR) modeling. |
| p) Auto-ignition temperature | No data available. |
| q) Decomposition temperature | No data available. |
| r) Viscosity | No data available. |
| s) Explosive properties | No data available. |
| t) Oxidizing properties | No data available. |

9.2 Other safety information

No data available.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity.

No data available.

10.2 Chemical stability .

Very stable under recommended storage conditions.

10.3 Possibility of hazardous reactions.

No data available.

10.4 Conditions to avoid.

Heat, flames and sparks.

10.5 Incompatible materials.

Strong oxidizing agents.

10.6 Hazardous decomposition products

Other decomposition products - No data available.

In the event of fire: see section 5.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects.**Acute toxicity.**

LD50 Oral - Rat - 1.320 mg/kg.

Inhalation: Harmful by inhalation.

LD50 Dermal - Rat - > 3.000 mg/kg.

(OECD Test Guideline 402).

Skin corrosion/irritation.

Skin – Rabbit.

Result: No skin irritation.

(OECD Test Guideline 404).

Serious eye damage/eye irritation.

Eyes - Rabbit.

Result: No eye irritation.

(OECD Test Guideline 405).

Respiratory or skin sensitization.

Maximisation Test (GPMT) - Guinea pig.

Result: Does not cause skin sensitisation.

(OECD Test Guideline 406).

Germ cell mutagenicity.

Hamster.

ovary.

Sister chromatid exchange.

Carcinogenicity.

Carcinogenicity - Rat – Intramuscular.

Tumorigenic: Equivocal tumorigenic agent by RTECS criteria. Tumorigenic: Tumors at site of application.

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity.

No data available.

Specific target organ toxicity - single exposure.

No data available.

Specific target organ toxicity - repeated exposure.

No data available.

Aspiration hazard.

No data available.

Additional Information.

RTECS: LK0700000.

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity.

Toxicity to fish	- <i>Leuciscus idus melanotus</i> - 12,3 mg/l - 96 h. (OECD Test Guideline 203).
Toxicity to daphnia and other aquatic invertebrates	EC50 - <i>Daphnia magna</i> (Water flea) - 1,17 mg/l - 48 h. (OECD Test Guideline 202). NOEC - <i>Daphnia magna</i> (Water flea) - 0,0015 mg/l.
Toxicity to algae	EC50 - <i>Desmodesmus subspicatus</i> (<i>Scenedesmus subspicatus</i>) - 1,03 mg/l - 72 h. (OECD Test Guideline 201).

12.2 Persistence and degradability.

Biodegradability	Result: 73 % - Inherently biodegradable. (OECD Test Guideline 301B).
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12.3 Bioaccumulative potential.

No bioaccumulation is to be expected ($\log Pow \leq 4$).

12.4 Mobility in soil.

No data available.

12.5 Results of PBT and vPvB assessment.

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects.

Very toxic to aquatic life with long lasting effects.

No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods.**Product.**

Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material is highly flammable. Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging.

Dispose of as unused product.

SECTION 14: TRANSPORT INFORMATION

14.1 UN number.

ADR/RID: 1325	IMDG: 1325	IATA: 1325
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14.2 UN proper shipping name

ADR/RID:	SOLID, ORGANIC, N.O.S.
IMDG:	SOLID, ORGANIC, N.O.S.
IATA:	SOLID, ORGANIC, N.O.S.

14.3 Transport hazard class(es).

ADR/RID: 4.1	IMDG: 4.1	IATA: 4.1
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14.4 Packaging group.

ADR/RID: II	IMDG: II	IATA: II
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14.5 Environmental hazards.

ADR/RID: yes	IMDG Marine pollutant: yes	IATA: no
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14.6 Special precautions for user.

No data available.

SECTION 15: REGULATORY INFORMATION.

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

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.2 Chemical Safety Assessment

For this product a chemical safety assessment was not carried out.

SECTION 16: OTHER INFORMATION.

Full text of H-Statements referred to under sections 2 and 3.

H302	Harmful if swallowed.
H315	Causes skin irritation.
H335	May cause respiratory irritation.
H410	Very toxic to aquatic life with long term effects.