

Safety Data Sheet
According to Regulation (EC)
1907/2006/EG, Article 31

Date of issue: 25.01.2013

Revision: 25.01.2014

Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

- **Date of compilation/revision:** 01.06.2001
- **1.1 Product identification**
- **Product name:** Protect Cleaner
- **CAS-number:**
64742-82-1
- **EC-number:**
265-185-4
- **Catalogusnumber:**
649-330-00-2-6111.
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- **Identified uses:**
Chemical product for multiple applications.
Dissolvent for various applications.
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/supplier:**
BO Motor Oil
Rootven 10
Tel.: +31-(0) 497-384847
5531 MB Bladel
The Netherlands
info@bomotoroil.nl
- **Informative centre:**
Legal Compliance
Available between office times: 8:00 - 17:00
- **1.4 Emergency telephone number:**
Poison Information Centre:+31(0) 30-274 88 88

Section 2: HAZARDS IDENTIFICATION

- **2.1 Classification of the substance or mixture**
- **Classification Regulation (EC) No. 1272/2008**



GHS02 Flame

Flam. Liq. 3 H226 Flammable liquid and vapor.



GHS08 Health hazard

Asp. Tox. 1 H304 Could be fatal if the substance enters the airways when swallowed.

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Product name: Protect CleanerGHS09
Environment

Aquatic Chronic 2 H411 Toxic to aquatic organisms with long lasting effects.



GHS07

Acute Tox. 4 H332 Harmful by inhalation.

STOT SE 3 H336 May cause drowsiness or dizziness.

Classification according to Directive 67/548 / EEC or Directive 1999/45 /EC



Xn; Harmful

R65: Harmful: May cause lung damage after swallowing.



N; Environmentally hazardous

R51/53: Toxic to aquatic organisms; May cause long-term adverse effects in the aquatic environment.

R10-66-67: Flammable. Repeated exposure may cause a dry or cracked skin.
Vapours may cause drowsiness and dizziness.**2.2 Labeling elements****Labeling according to Regulation (EC) No 1272/2008**

The substance product is classified and labeled according to the CLP Regulation.

Hazard pictograms

GHS02



GHS07



GHS08



GHS09

Signalwoord Gevaar**Signal word** Danger**Hazard statements**

H226 Flammable liquid and vapor.

H332 Harmful by inhalation.

H336 May cause drowsiness or dizziness.

H304 May be fatal if the substance gets into the airways if swallowed.

H411 Toxic to aquatic organisms, with long lasting effects.

Precautions

P210 Keep away from heat / sparks / open fire / hot surfaces. - Do not smoke.

P260 Do not inhale spray / vapor / spray mist.

P280 Wear protective gloves. P273 Prevent discharges into the environment.

P301 + P310 IF INCLUDED: Immediately consult an ANTIGIFCENTRUM or doctor.

P304 + P340 AFTER INHALATION: bring victim to fresh air and rest in a position which facilitates breathing.

P301 + P330 + P331 AFTER INGESTION: Rinse mouth - DO NOT induce vomiting.

P302 + P352 IN CONTACT WITH SKIN: Wash with plenty of water and soap.

Additional information:

EUH066 Repeated exposure may cause a dry or cracked skin.



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Product name: Protect Cleaner**2.3 Other hazards**

- **Results of PBT and zPzB assessment**
- PBT: Not applicable.
- ZPzB: Not applicable.

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS**3.1 Chemical characterization: Substances**

- **CAS-No. Description**
64742-82-1 naphtha (petroleum), hydrodesulfurized heavy
- **Identification number (s)**
- EC number: 265-185-4
- Catalog number: 649-330-00-2

Section 4: FIRST AID MEASURES**4.1 Description of first aid measures**

- General Information: Immediately remove contaminated clothing.
- After inhalation:
Supply fresh air; In case of complaints, seek medical attention.
- After skin contact:
Wash off with soap and water immediately and rinse thoroughly. When the skin remains irritated, contact a doctor.
- After eye contact:
Eyes with open eyelid rinse for several minutes under running water and consult with a doctor.
- After ingestion:
Rinse mouth and drink plenty of water.
Do not induce vomiting and seek medical advice immediately. Do not induce vomiting - Risk of chemical pneumonia.
- **4.2 Most important acute and delayed symptoms and effects**
No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

Section 5: FIREFIGHTING MEASURE**5.1 extinguishing media****Suitable extinguishing media:**

Carbon dioxide (CO₂), extinguishing powder or water jet. Larger fire with water jet or with foam fighting against alcohol.

- **Extinguishing media that are unsuitable for safety reasons:** Strong water jet

5.2 Special hazards arising from the substance or mixture

May form explosive vapor-air mixture.

Due to the high vapor pressure, the vessels can burst at a temperature rise. Carbon monoxide (CO) and Carbon dioxide (CO₂)

5.3 Advice for firefighters

- **Protective equipment:** Remove respiratory equipment.
- Further information: Collect contaminated extinguishing water separately. Do not allow to enter sewers.



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Attract protective clothing. Keep unprotected persons remotely.

· 6.2 Environmental precautions:

May not be disposed of in sewers or wastewater.

When entering into sewers or sewers, the competent authority is required to warn. Prevent penetration into sewage, sewers, wells or basements.

· 6.3 Inclusion and cleaning methods and materials:

Include liquid-binding material (sand, mountain flour, acid binders, universal binder, sawdust).

Remove contaminated material such as waste according to item 13. Provide adequate ventilation.

· 6.4 Reference to other sections

Information on safe use - see Chapter 7.

Information on personal protective equipment - see section 8. Storage information - see chapter 13.

Section: 7. HANDLING AND STORAGE**7.1 Precautions for safe handling of the substance or mixture**

Ensure good ventilation / exhaustion at the workplace.

Avoid aerosol formation. Do not inhale the aerosol. Do not breathe vapor.

Avoid contact with eyes and skin.

Compliance with the BGW values and / or other limit values.

· Information about fire and explosion hazards:

Vapors can form an explosive mixture together with air.

Flammable mixtures may form in the emptied packaging. Keep sources of ignition away - Do not smoke.

Take measures against static electricity discharge.

· 7.2 Conditions for safe storage, including incompatible products**· Storage:****· Requirements to be met by storerooms and containers:**

Storage according to current regulations.

Requirements for storage of flammable liquids.

· Information about collective storage:

Store separately from oxidizing agents.

The storage conditions for flammable liquids must be observed.

· Further information about storage conditions: Keep container in a well-ventilated place. Store cool and dry in well-closed vessels. Protect from heat and direct sunbeams.

· 7.3 Specific end use No further relevant information available.

Additional information on the design of technical installations: No additional data. See 7.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1 Control partners**

Components with limit values that must be observed with regard to the work space:



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Observe limit values for hydrocarbons

· **Additional information:** As a basis, lists that were valid during setup.

· **8.2 Exposure controls**

· **Personal protective equipment:**

· General protective and hygienic measures: Keep away from food and drink and animal feed. Do not inhale gases / vapors / aerosol.

Avoid prolonged and intensive skin contact. Avoid contact with eyes.

Wash hands before the break and at the end of the work.

· **Respiratory protection:**

In case of continued compliance with the BGW and / or other limit values, normally no special measures necessary.

· **Hand protection:**

Gloves / Resistant to solvents.

The glove material must be impermeable and resistant to the product / the substance / the preparation.

Due to failing tests, no recommendation for glove material for the product / preparation /

The chemical mixture is released.

· **Glove material**

The choice of a suitable glove depends not only on the material, but also on other quality characteristics and differs from manufacturer to manufacturer.

· **Denture time of glove material**

The exact penetration time can be found at the glove manufacturer; keep in mind.

· **Eye protection:** Tightly sealed goggles

· **Body protection:** Protective clothing against solvents.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

· **9.1 Information on physical and chemical basic properties**

· General data

· **Prevention:**

Shape: Liquid

Color: blue

Odor: mild gasoline-like

· **Condition change**

Melting point / Melting range: <-15 ° C

Boiling point / Boiling range: 135-175 ° C

· **Flashpoint:** 25 ° C

· **Ignition temperature:** 270 ° C

· **Explosion Hazard:** The product is not explosive, but formation of explosive vapor / air mixtures is possible.

· **Explosion limits:**

Bottom: 0.6 vol%



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Upper:	6,5 Vol %
· Vapor pressure at 20 °C:	7 hPa
· Density at 20 °C:	0,775 g/cm ³
· Solubility in / Miscibility with:	Water at 20 ° C: 0.02 g / l
· 9.2 Other information No further relevant information available.	

Section 10: Stability and reactivity

10.1 Reactivity

· 10.2 Chemical stability

· Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

· 10.3 Possible hazardous reactions

Development of flammable vapor-air mixture is possible.

Uncleaned empty vessels may contain product gases that form together with air explosive mixtures.

· **10.4 Conditions to avoid:** No further relevant information available.

· **10.5 Incompatible materials:** Oxidizing agents

· **10.6 Hazardous decomposition products:** Carbon monoxide (CO) and Carbon dioxide (CO₂)

Section 11: TOXICOLOGICAL INFORMATION

· 11.1 Information on toxicological effects

· Acute toxicity:

· Format LD / LC50 format relevance:

Orally

Dermal

Inhalative LD50

LD50

LC50 / 4 h > 6500 mg / kg (rat)

> 3500 mg / kg (rabbit)

> 14 mg / l (rat)

· Primary irritant effect:

· **On the skin:** Prolonged or repeated contact with the skin may cause skin defatting and lead to skin irritation.

· **To the eye:** Weak irritant effect

· **Hypersensitivity:** No known hypersensitivity reaction.

· **Additional toxicological information:** Inhalation of concentrated vapors can lead to anesthetic conditions and headache, dizziness, etc.

to direct.

· **CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):** Based on current known information no CMR effects.

Section 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Aquatic toxicity: No further relevant information available.

12.2 Persistence and degradability: No further relevant information available.

12.3 Bioaccumulation: No further relevant information available.

12.4 Mobility in soil: No further relevant information available.

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Handelsnaam: Protect Cleaner**· Further ecological information:****· General information:**

Do not discharge into groundwater, surface water or sewers. In surface water also poisonous for fish and plankton. Danger of water class 2 (D) (List classification): danger of water

12.5 Results of PBT and zPzB assessment

PBT: Not applicable.

ZPzB: Not applicable.

12.6 Other adverse effects No further relevant information available.**Section 13: DISPOSAL CONSIDERATIONS****· 13.1 Waste treatment methods****· Recommendation:**

May not be disposed of with garbage or enter sewers.

Waste disposal according to government regulations.

· European waste catalog

The waste code according to the European waste catalog (EAC) depends on the origin and the process phase.

· Uncleaned packaging:

· Recommendation: Waste disposal according to government regulations.

Section 14: TRANSPORT INFORMATION**14.1 VN-number**

· **ADR, IMDG, IATA** UN3295

· 14.2 Proper shipping name in accordance with UN standards

· ADR	UN 3295 CARBON WATERS, FLUID, N.E.G. (Naphtha (petroleum), hydrodesulfurized heavily)
· IMDG	HYDROCARBONS, LIQUID, N.O.S. (Naphtha (petroleum), hydrodesulfurized heavy), MARINE POLLUTANT
· IATA	HYDROCARBONS, LIQUID, N.O.S. (Naphtha (petroleum), hydrodesulfurized heavy)

· 14.3 Transport Hazard Class**· ADR**

· **Class** 3 (F1) Flammable liquids
· **Label** 3

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· IMDG


· **Class** 3 Flammable liquids.
 · **Label** 3

· IATA


· **Class** 3 Flammable liquids.
 · **Label** 3

· 14.4 Packaging group:

· **ADR, IMDG, IATA** III

· 14.5 Environmental hazards: Environmentally hazardous liquid;

Marine Pollutant Marine pollutant: Yes (P)
 Special marking (ADR): Symbol (fish and tree)

· 14.6 Special precautions for user Warning: Flammable liquids

· **Kemler number:** 30
 · **EMS Number:** F-E, S-D

· 14.7 Transport in bulk in accordance with Annex II MARPOL 73/78 and the IBC Code

Not applicable.

Transport / further information:

Transport by post may be prohibited or restricted.

· ADR

· **Exempted or Exempted Quantities (EQ):** E1
 · **Limited quantities (LQ):** 5L
 · **Category of transport:** 3
 · **Tunnel restriction code:** D / E

· UN "Model Regulation":

UN3295, CARBON WATERS, LIQUID, N.E.G., ENVIRONMENTAL DANGER, 3, III

Section 15: REGULATORY INFORMATION

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

· SZW list of carcinogens	The substance is not present.
· SZW list of mutagenic substances	The substance is not present.
· Non-limiting list of toxic substances - Reproductive toxicity	The substance is not present.
· Non-limiting list of toxic substances - Development	The substance is not present.
· Non-limiting list of toxic substances - Breastfeeding	The substance is not present.



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- **Observe employment restrictions:** respect employment restrictions for young people.
- **CPR / BRZO:** The volume thresholds according to CPR / BRZO must be observed.
- **Hazard classes v. Water:**
WGK 2 (D) (List Classification): hazardous for water
ID-Number: 775
- **15.2 Chemical Safety Assessment:** A Chemical Safety Assessment has not been performed.

Section 16: OTHER INFORMATION

All information regarding our product has been stated to the best of our knowledge and, in our opinion, is reliable. However, no explicit or implied warranties are given regarding the accuracy of the data or the results that can be obtained with the data. It remains the responsibility of the user to determine safety, toxicity and fitness himself.

Sheet with data from the issue sector

BO Motor Oil Tel:+31(0) 497-384847
Rootven 10 info@bomotoroil.nl
5531MB Bladel
The Netherlands

- **Contact person:** Bas Put

Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
ICAO: International Civil Aviation Organization
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
P: Marine Pollutant
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances CAS:
Chemical Abstracts Service (division of the American Chemical Society) LC50:
Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent