

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 20.01.2012

Version number 82

Revision: 20.01.2012

1 Identification of the substance/mixture and of the company/undertaking

- Product identifier
- Trade name: **Griffon PE Cleaner**
- CAS Number: PE Cleaner
64742-49-0
- EC number:
265-151-9
- Index number:
649-328-00-1
- Relevant identified uses of the substance or mixture and uses advised against
- Application of the substance / the preparation Cleaning agent/ Cleaner
- Details of the supplier of the safety data sheet
- Manufacturer/Supplier:
Bison International
Dr.A.F.Philipsstraat 9
NL-4462 EW Goes
PO Box 160
NL-4460 AD Goes
tel. +31 113 235700
fax. +31 113 235800
e mail: msds@bison.boltongroup.nl
- Further information obtainable from: Bison QESH
- Emergency telephone number: +31 113 235700

2 Hazards identification

- Classification of the substance or mixture
- Classification according to Regulation (EC) No 1272/2008



GHS02 flame

Flam. Liq. 2 H225 Highly flammable liquid and vapour.



GHS08 health hazard

Repr. 2 H361f Suspected of damaging fertility.

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.



GHS09 environment

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



GHS07

Skin Irrit. 2 H315 Causes skin irritation.

STOT SE 3 H336 May cause drowsiness or dizziness.

- Label elements
- Labelling according to Regulation (EC) No 1272/2008
The substance is classified and labelled according to the CLP regulation.
- Hazard pictograms GHS02, GHS07, GHS08, GHS09
- Signal word Danger

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Trade name: Griffon PE Cleaner

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. Hazard-determining components of labelling:

Naphtha (petroleum), hydrotreated light
n-hexane

. Hazard statements

H225 Highly flammable liquid and vapour.
H315 Causes skin irritation.
H361f Suspected of damaging fertility.
H336 May cause drowsiness or dizziness.
H304 May be fatal if swallowed and enters airways.
H411 Toxic to aquatic life with long lasting effects.

. Precautionary statements

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P271 Use only outdoors or in a well-ventilated area.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P312 Call a POISON CENTER or doctor/physician if you feel unwell.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

. Other hazards

. Results of PBT and vPvB assessment

. PBT: Not applicable.
. vPvB: Not applicable.

3 Composition/information on ingredients

. Substances

. CAS No. Description

64742-49-0 Naphtha (petroleum), hydrotreated light





. Identification number(s)

. EC number: 265-151-9





. Index number: 649-328-00-1

. Dangerous components:

CAS: 64742-49-0 Naphtha (petroleum), hydrotreated light 50-100%

EINECS: 265-151-9  Flam. Liq. 2, H225;  Asp. Tox. 1, H304;
 Aquatic Chronic 2, H411;  Skin Irrit. 2, H315;
STOT SE 3, H336

CAS: 110-54-3 n-hexane 2.5-10%

EINECS: 203-777-6  Flam. Liq. 2, H225;  Repr. 2, H361f; STOT RE 2,
H373; Asp. Tox. 1, H304;  Aquatic Chronic 2, H411;
 Skin Irrit. 2, H315; STOT SE 3, H336

4 First aid measures

. Description of first aid measures

. After inhalation:

In case of unconsciousness place patient stable in side position for transportation.

. After skin contact: Immediately wash with water and soap and rinse thoroughly.

. After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

. After swallowing: Do not induce vomiting; call for medical help immediately.

. Information for doctor:

. Most important symptoms and effects, both acute and delayed

No further relevant information available.

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- . **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

* 5 Firefighting measures

- . **Extinguishing media**
- . **Suitable extinguishing agents:**
Water haze
Alcohol resistant foam
Fire-extinguishing powder
Carbon dioxide
- . **For safety reasons unsuitable extinguishing agents:** Water with full jet
- . **Special hazards arising from the substance or mixture**
No further relevant information available.
- . **Advice for firefighters**
- . **Protective equipment:** Mount respiratory protective device.
- . **Additional information**
Cool endangered receptacles with water spray.
Collect contaminated fire fighting water separately. It must not enter the sewage system.

* 6 Accidental release measures

- . **Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
- . **Environmental precautions:**
Prevent seepage into sewage system, workpits and cellars.
Inform respective authorities in case of seepage into water course or sewage system.
Do not allow to enter sewers/ surface or ground water.
- . **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 item 13.
Ensure adequate ventilation.
- . **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

* 7 Handling and storage

- . **Handling:**
- . **Precautions for safe handling**
Ensure good ventilation/exhaustion at the workplace.
Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air).
- . **Information about fire - and explosion protection:**
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
- . **Conditions for safe storage, including any incompatibilities**
- . **Storage:**
- . **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- . **Information about storage in one common storage facility:** Not required.
- . **Further information about storage conditions:**
Keep receptacle tightly sealed.
Store in cool, dry conditions in well sealed receptacles.
- . **Specific end use(s)** No further relevant information available.

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8 Exposure controls/personal protection

. Additional information about design of technical facilities:

No further data; see item 7.

. Control parameters

. Ingredients with limit values that require monitoring at the workplace:

110-54-3 n-hexane

WEL () Long-term value: 72 mg/m³, 20 ppm

. Additional information: The lists valid during the making were used as basis.

. Exposure controls

. Personal protective equipment:

. General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Avoid contact with the skin.

Avoid contact with the eyes and skin.

. Respiratory protection: Not required.

. Protection of hands:



Protective gloves

Solvent resistant gloves

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

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

. Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

. Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

. For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable:

PVC or PE gloves

. Eye protection:



Tightly sealed goggles

. Body protection:

Use protective suit.

Solvent resistant protective clothing

9 Physical and chemical properties

. Information on basic physical and chemical properties

. General Information

. Appearance:

Form:

Liquid

Colour:

Transparent

. Odour:

Characteristic

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- . Odour threshold: Not determined.
- . pH-value: Not determined.
- . Change in condition
 - Melting point/Melting range: Undetermined.
 - Boiling point/Boiling range: 60°C
- . Flash point: < 0°C
- . Flammability (solid, gaseous): Not applicable.
- . Ignition temperature:
 - Decomposition temperature: Not determined.
- . Self-igniting: Product is not selfigniting.
- . Danger of explosion: Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
- . Explosion limits:
 - Lower: Not determined.
 - Upper: Not determined.
- . Vapour pressure: Not determined.
- . Density at 20°C: 0.71 g/cm³
- . Relative density: Not determined.
- . Vapour density: Not determined.
- . Evaporation rate: Not determined.
- . Solubility in / Miscibility with water: Not miscible or difficult to mix.
- . Segregation coefficient (n-octanol/water): Not determined.
- . Viscosity:
 - Dynamic: Not determined.
 - Kinematic: Not determined.
- . Other information: No further relevant information available.

10 Stability and reactivity

- . Reactivity
- . Chemical stability
- . Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- . Possibility of hazardous reactions: No dangerous reactions known.
- . Conditions to avoid: No further relevant information available.
- . Incompatible materials: No further relevant information available.
- . Hazardous decomposition products: Danger of forming toxic pyrolysis products.

11 Toxicological information

- . Information on toxicological effects
- . Acute toxicity:
- . Primary irritant effect:
 - on the skin: Irritant to skin and mucous membranes.
 - on the eye: No irritating effect.
- . Sensitization: No sensitizing effects known.
- . CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)
Repr. 2

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12 Ecological information

- . **Toxicity**
- . **Aquatic toxicity:** No further relevant information available.
- . **Persistence and degradability** No further relevant information available.
- . **Behaviour in environmental systems:**
- . **Bioaccumulative potential** No further relevant information available.
- . **Mobility in soil** No further relevant information available.
- . **Ecotoxicological effects:**
- . **Remark:** Toxic for fish
- . **Additional ecological information:**
- . **General notes:**
 - Also poisonous for fish and plankton in water bodies.
 - Toxic for aquatic organisms
 - Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water
 - Danger to drinking water if even small quantities leak into the ground.
- . **Results of PBT and vPvB assessment**
- . **PBT:** Not applicable.
- . **vPvB:** Not applicable.
- . **Other adverse effects** No further relevant information available.

13 Disposal considerations

- . **Waste treatment methods**
- . **Recommendation**
 - Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- . **Uncleaned packaging:**
- . **Recommendation:**
 - Disposal must be made according to official regulations.
 - Packagings that may not be cleansed are to be disposed of in the same manner as the product.

14 Transport information

- . **UN-Number** UN1206
- . **ADR, IMDG, IATA**
- . **UN proper shipping name** 1206 HEPTANES, ENVIRONMENTALLY HAZARDOUS
- . **ADR** HEPTANES, MARINE POLLUTANT
- . **IMDG** HEPTANES
- . **IATA**
- . **Transport hazard class(es)**
- . **ADR**



- . **Class** 3 (F1) Flammable liquids.
- . **Label** 3

- . **IMDG**



- . **Class** 3 Flammable liquids.

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PE CLEANER

CLEANER FOR PE, PP, PVDF AND PB



6120007 - GRIFFON PE CLEANER BOTTLE 1 L NL/FR/EN/DE/ES/PT/IT

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. Label

3

. IATA



. Class

3 Flammable liquids.

. Label

3

. Packing group

. ADR, IMDG, IATA

II

. Environmental hazards:

Product contains environmentally hazardous substances: Naphtha (petroleum), hydrotreated light

. Marine pollutant:

Yes

. Special marking (ADR):

Symbol (fish and tree)

. Special precautions for user

Symbol (fish and tree)

. Danger code (Kemler):

Warning: Flammable liquids.

. EMS Number:

33

. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

F-E, S-D

. Transport/Additional information:

Not applicable.

. ADR

. Limited quantities (LQ)

1L

. Transport category

2

. Tunnel restriction code

D/E

. IMDG

. Remarks:

Under certain conditions substances in Class 3 (flammable liquids) can be classified in packinggroup III. See IMDG, Part 2, Chapter 2.3, Paragraph 2.3.2.2

. UN "Model Regulation":

UN1206, HEPTANES, ENVIRONMENTALLY HAZARDOUS, 3, II

15 Regulatory information

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

. Labelling according to Regulation (EC) No 1272/2008

The substance is classified and labelled according to the CLP regulation.

. Hazard pictograms GHS02, GHS07, GHS08, GHS09

. Signal word Danger

. Hazard-determining components of labelling:

Naphtha (petroleum), hydrotreated light
n-hexane

. Hazard statements

H225 Highly flammable liquid and vapour.

H315 Causes skin irritation.

H361f Suspected of damaging fertility.

H336 May cause drowsiness or dizziness.

H304 May be fatal if swallowed and enters airways.

H411 Toxic to aquatic life with long lasting effects.

. Precautionary statements

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

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P271 Use only outdoors or in a well-ventilated area.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P312 Call a POISON CENTER or doctor/physician if you feel unwell.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

. National regulations:

. Technical instructions (air):

. Class Share in %

. I 2,5-10
. NK 50-100

. Waterhazard class: Water hazard class 2 (Self-assessment): hazardous for water.

. Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

. Relevant phrases

H225 Highly flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H336 May cause drowsiness or dizziness.
H361f Suspected of damaging fertility.
H373 May cause damage to organs through prolonged or repeated exposure.
H411 Toxic to aquatic life with long lasting effects.

. Department issuing MSDS: QESH Department

. Contact: Reach coördinator

. * Data compared to the previous version altered.

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