

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

- Product identifier
- Trade name: Cleaning Fluid Type B
- Article number: H 0315

Chemical characterization:

Solution of polyisoprene with inorganic fillers, black carbon and rubber chemicals in benzine.
Content: approx. 86% Hydrocarbon Mixture
CAS-No.: 64742-49-0

Details on the company/supplier:

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2.1 Hazards identification

Classification according to Regulation (EC) No 1272/2008



GHS02 flame
Flam. Liq. 2

H225 Highly flammable liquid and vapour.



GHS08 health hazard
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
STOT SE 3

H315 Causes skin irritation.
H336 May cause drowsiness or dizziness.

- 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

2.2 Hazards identification

- Hazard statements

- H225 Highly flammable liquid and vapour.
H315 Causes skin irritation.
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.
P243 Take precautionary measures against static discharge.
P261 Avoid breathing mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P273 Avoid release to the environment.
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.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P331 Do NOT induce vomiting.
P403+P235 Store in a well-ventilated place. Keep cool.

- Other hazards:

- Results of PBT and vPvB assessment

PBT: Not applicable | **vPvB:** Not applicable

3. Composition/information on ingredients

- Chemical characterization: Substances

- **CAS No. Designation:** 64742-49-0 Naphtha (petroleum), hydrotreated light

- **Identification number(s):**

- **EC number:** 265-151-9

- **Index number:** 649-328-00-1

- Additional information:

Content of benzene: < 0.1% (percentage by weight)

According to Annex VI, Note P - classification and labelling as carcinogenic (R45) is not required.

Additional information: For the wording of the listed risk phrases refer to section 16.

4. First aid measures

- **Description of first aid measures**

- **General information::**

Immediately remove any clothing contaminated by the product.

· **After inhalation:** Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist. In case of unconsciousness bring patient into stable side position for transport.

· **After skin contact:** Instantly wash with water and soap and rinse thoroughly.
If skin irritation continues, consult a doctor.

· **After eye contact:** Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.

· **After swallowing:** Do not induce vomiting; instantly call for medical help.
Do not induce vomiting - Danger of chemical pneumonia.

- **Most important symptoms and effects, both acute and delayed**

No further relevant information available.

- **Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

5. Firefighting measures

- **Extinguishing media**

· **Suitable extinguishing agents:** Carbon dioxide (CO₂), extinguishing powder or water spray/fog.
Fight larger fires with water spray/fog or alcohol-resistant foam.

· **For safety reasons unsuitable extinguishing agents:** Water with a full water jet.

- **Special hazards arising from the substance or mixture:** Can form explosive vapour-air mixtures.
Danger of containers bursting because of high vapour pressure. Carbon monoxide (CO) and Carbon dioxide (CO₂)

- **Advice for firefighters**

· **Protective equipment:**

Put on breathing apparatus.

· **Additional information**

Collect contaminated fire fighting water separately. It must not enter drains.

6. Accidental release measures

- **Personal precautions, protective equipment and emergency procedures:**

Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation. Avoid contact with skin and eyes. Do not breathe vapour. Remove all ignition sources.

- **Environmental precautions:** Do not allow product to reach sewage system or water bodies. Inform respective authorities in case product reaches water or sewage system. Prevent material from reaching sewage system, holes and cellars.

- **Methods and material for containment and cleaning up:** Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose of contaminated material as waste according to item 13.

- **Reference to other sections:**

See Section 8 for information on personal protection equipment.



7. Handling and storage

- **Precautions for safe handling:** Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols. Do not inhale aerosols. Avoid breathing vapours. Avoid contact with skin and eyes. Make sure that all applicable workplace limits are observed.
- **Information about protection against explosions and fires:** Fumes can combine with air to form an explosive mixture. Flammable fume/air mixtures may be formed in empty containers. Keep ignition sources away - Do not smoke. Protect against electrostatic charges.
- **Storage:**
 - **Requirements to be met by storerooms and containers:** Store in cool location. Observe all local and national regulations for storage of water polluting products. Observe regulations for storage of flammable liquids.
 - **Information about storage in one common storage facility:** Store away from oxidizing agents. Observe regulations for storage of flammable liquids.
 - **Further information about storage conditions:** Store container in a well ventilated position. Keep container tightly sealed. Store in cool, dry conditions in well sealed containers.
- **Specific end use(s):** No further relevant information available.

8. Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Control parameters**

Components with limit values that require monitoring at the workplace:

Applicable PEL/OEL for hydrocarbons to be observed.
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Additional information: The lists that were valid during the compilation were used as basis.

- **General protective and hygienic measures:**
Keep away from foodstuffs, beverages and food. Instantly remove any contaminated garments. Do not inhale gases / fumes / aerosols. Avoid contact with the eyes and skin. Wash hands during breaks and at the end of the work.
- **Breathing equipment:**
If all workplace limits are observed and good ventilation is ensured, no special precautions necessary.
- **Protection of hands:**
Solvent resistant gloves. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
- **Material of gloves:**
Nitrile rubber - NBR. 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..
- **Eye protection:** Safety glasses
- **Body protection:** Solvent resistant protective clothing.

9. Physical and chemical properties

Information on basic physical and chemical properties

- General Information / Appearance:

Form:	liquid
Colour:	colorless
Odour:	mild
Odour threshold:	not determined
pH-value:	not determined
Change in condition	
Boiling point/Boiling range:	80 °C
Melting point/Melting range:	not determined
Flash point:	- 12 °C
Inflammability (solid, gaseous):	not applicable.
Ignition temperature:	250 °C
Decomposition temperature:	not determined.
Self-inflammability:	Not determined.
Danger of explosion:	Product is not explosive.
Critical values for explosion: lower	0,8 Vol %
Critical values for explosion: Upper	8,0 Vol %
Vapor pressure at 20 °C:	85 mbar
Density at 20 °C:	not determined
Relative density:	0,76 g/cm ³
Vapour density:	not determined
Evaporation rate:	not determined
Solubility in / Miscibility with Water:	not miscible or difficult to mix
Partition coefficient (n-octanol/water):	not determined
Viscosity / dynamic at 20 °C:	ca. 1000 mPas
Viscosity / kinematic	not determined

Other information: No further relevant information available.

10. Stability and reactivity

- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions:** Flammable vapour-air mixtures may develop. Used empty containers may contain product gases which form explosive mixtures with air. Danger of containers bursting because of high vapour pressure. Forms explosive gases / fumes.
- **Conditions to avoid:** No further relevant information available.
- **Incompatible materials:** Strong oxidizing agents.
- **Hazardous decomposition products:** Carbon monoxide (CO) and Carbon dioxide (CO₂)

11. Toxicological information

- Information on toxicological effects / Acute toxicity:

LD/LC50 values that are relevant for classification:

Oral	LD50	> 7000 mg/kg (rat)
Dermal	LD50	> 3000 mg/kg (rat)
Inhalative	LC50	84 - 88 mg/l/4h (rat)

- **Primary irritant effect:**

- **on the skin:** No irritant effect.

- **on the eye:** No irritant effect.

- **Sensitization:** No sensitizing effect known.

- **Additional toxicological information:**

Inhalation of concentrated vapours may lead to anaesthesia-like conditions and headache, dizziness, etc.

- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

According to present knowledge no CMR-effects known.

12. Ecological information

General notes:

Also poisonous for fish and plankton in water bodies.

Water hazard class 1 (Assessment by list): slightly hazardous for water.

13. Disposal considerations

- **Waste treatment methods**

- **Recommendation:**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Disposal must be made according to official regulations.

- **Waste disposal key number:**

According to local/national regulations.

- **European waste catalogue:**

Waste disposal key numbers from EWC have to be assigned depending on origin and processing.

- **Uncleaned packagings:**

- **Recommendation:** Disposal must be made according to official regulations.

14. Transport information

Land transport ADR/RID und GGVSE:

ADR/RID class:	3
Hazard label:	3
Packing group:	II
UN-No.:	1268
Description of the goods:	Petroleum distillates, n.o.s., (Petroleum naphtha)

Sea transport IMDG/GGVSea:

IMDG/GGVSea class:	3
Hazard label:	3
UN-No.:	1268
Packing group:	II
EMS-No.:	F-E, S-E
MFAG:	310
Marine pollutant:	yes
Correct technical name:	Petroleum distillates, n.o.s., (Petroleum naphtha)

Air transport ICAO-TI / IATA-DGR:

ICAO/IATA class:	3
Hazard label:	3
UN/ID-No.:	1268
Packing group:	II
Correct technical name:	Petroleum distillates, n.o.s., (Petroleum naphtha)

15. Regulatory information

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

· National regulations

- Technical instructions (air):

Class: III

- Hazard statements

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16. Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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 Organisation
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
GHS:	Globally Harmonised System of Classification and Labelling of Chemicals
EINECS:	European Inventory of Existing Commercial Chemical Substances
ELINCS:	European List of Notified Chemical Substances
CAS:	Chemical Abstracts Service (division of the American Chemical Society)
LC50:	Lethal concentration, 50 percent
LD50:	Lethal dose, 50 percent
Acute Tox. 4:	Acute toxicity, Hazard Category 4
Skin Irrit. 2:	Skin corrosion/irritation, Hazard Category 2
Eye Irrit. 2:	Serious eye damage/eye irritation, Hazard Category 2
Resp. Sens. 1:	Sensitisation - Respirat., Hazard Category 1
Skin Sens. 1:	Sensitisation - Skin, Hazard Category 1
Carc. 2:	Carcinogenicity, Hazard Category 2
STOT SE 3:	Specific target organ toxicity - Single exposure, Hazard Category 3
STOT RE 2:	Specific target organ toxicity - Repeated exposure, Hazard Category 2