

Safety data sheet
according to 1907/2006/EC, Article 31



Printing date 12.03.2013

Version number 7

Revision: 12.03.2013

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

- **Product identifier**
- **Trade name:** GRAISSE SHP50
- **Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Application of the substance / the preparation** Grease for automotive and industrial applications
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
IGOL France
614, rue de CAGNY - CS 69003
80094 AMIENS Cedex 3
www.igol.com
- **Further information obtainable from:**
Service Technique - Tél. +33.3.22.50.22.22
E-mail : msds@igol.com
- **Emergency telephone number:** Emergency telephone number, in France ORFILA : +33.1.45.42.59.59

2 Hazards identification

- **Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**
The product is not classified according to the CLP regulation.
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**
Non particular danger when the product is used for the stated application
- **Information concerning particular hazards for human and environment:**
The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
The regulation prohibits the release of the product in the environment.
- **Classification system:**
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.
- **Label elements**
- **Labelling according to Regulation (EC) No 1272/2008** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **Additional information:**
Safety data sheet available on request.
- **Other hazards**
Infections through the skin resulting from contact with the product at high pressure constitute a major medical emergency.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition/information on ingredients

- **Chemical characterization:** Mixtures
- **Description:**
Mixture of mineral base stocks highly refined and additives with non-hazardous components or with the substances mentioned below :

· **Dangerous components:**

Alkyldithiophosphate de Zinc	Xi R36 N R51/53	< 2.5%
	Aquatic Chronic 2, H411; Eye Irrit. 2, H319	

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· **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:** No special measures required.

· **After inhalation:** Supply fresh air; consult doctor in case of complaints.

· **After skin contact:**

In case of contact immediately flush skin with plenty water. remove contaminated clothing and shoes, wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention if irritation developpes

Note : high pressur applications

Infections through the skin resulting from contact with the product at high pressure constitute a major medical emergency. Injuries may not appear serious at first but within a few hours, tissue becomes swollen, discoloured and extremely painful with extensicve subcutaneous necrosis. Surgica exploration should be undertaken without delay. Through and extensive debridement of the wound and underlying tissue is necessary to minimise tissue loss and prevent a limit permanent damage. Note that high pressure may force the product considerable distances along tissue planes.

· **After eye contact:** Rinse opened eye for several minutes under running water.

· **After swallowing:** If symptoms persist consult doctor.

· **Information for doctor:** Note to physician : treat symptomatically.

· **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:** Use fire extinguishing methods suitable to surrounding conditions.

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

· **Special hazards arising from the substance or mixture**

Incomplete combustion and thermolysis can produce poisonnous gases such as CO, CO2 , aldehydes, varied hydrocarbon components and soots.

· **Advice for firefighters**

· **Protective equipment:** No special measures required.

· **Additional information** Cool endangered receptacles with water spray.

6 Accidental release measures

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

Use suitable protective equipment : splsh goggles, full suits, boots, gloves

· **Environmental precautions:**

Do not allow to enter sewers/ surface or ground water.

Inform respective authorities in case of seepage into water course or sewage system.

· **Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

· **Reference to other sections** No dangerous substances are released.

7 Handling and storage

· **Handling:**

· **Precautions for safe handling** Handle under good industrial safety and hygienic practices

· **Information about fire - and explosion protection:**

Flammable gas-air mixtures may form in empty receptacles.

Rags impregnated of product or tke matters used to absorb discharges can present a fire hazard.

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- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**
To store at room temperature, safe from the moisture and any source of ignition.
- **Information about storage in one common storage facility:** Store away from foodstuffs.
- **Further information about storage conditions:** Store receptacle in a well ventilated area.
- **Specific end use(s)** No further relevant information available.

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:**
When mists/aerosols can occur, the following are recommended :
ACGIH TLV : 5 mg/m³
ACGIH STEL : 10 mg/m³
- **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.
- **Respiratory protection:** Not required.
- **Protection of hands:** Protective gloves and protective skin cream
- **Material of gloves**
The gloves must be resistant to hydrocarbons.
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. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **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:** Goggles recommended during refilling
- **Body protection:** Protective work clothing

9 Physical and chemical properties

- **Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**

Form:	Pasty
Colour:	Green
Odour:	Characteristic
- **Change in condition**
Melting point/Melting range: > 170 °C
- **Flash point:** > 250 °C
- **Self-igniting:** Product is not selfigniting.
- **Danger of explosion:** Product does not present an explosion hazard.
- **Density at 20 °C:** 0.9 g/cm³
- **Solubility in / Miscibility with water:** Not miscible or difficult to mix.

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· **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** Reacts with strong oxidizing agents.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:**
Smoke, carbon monoxide, carbon dioxide, aldehydes and other products of incomplete combustion

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Subacute to chronic toxicity:**
Chronic Toxicity : no data available to indicate product or components present at levels greater than 1% are chronic health hazards
Carcinogenicity : this product contains mineral oils which are considered to be severely refined and not considered to be carcinogenic under IARC. All of the oils in this product have been demonstrated to contain less than 3% extractables by the IP 346 test
Mutagenicity : no data available to indicate product or any component present at greater than 0,1% are mutagenic or genotoxic
Carcinogenicity : no data available to indicate product or any components present at greater than 0,1% are carcinogenic
Reproductive Toxicity : no data available to indicate either product or component present at greater than 0,1% that may cause reproductive toxicity
- **Additional toxicological information:**
Unlikely to cause harm to the skin on brief or occasional contact but prolonged or repeated exposure may lead to dermatitis
The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.
When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

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.
- **Additional ecological information:**
- **General notes:**
Avoid transfer into the environment.
Spillage are unlikely to penetrate the soil. Unlikely to be harmful to aquatic organisms. Sillage may form a film on water surfaces causing physical damage to organisms. Oxygen transfer could also be impaired.

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- **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 be specially treated adhering to official regulations.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- | | |
|--|-----------------|
| · UN-Number | Void |
| · ADR, ADN, IMDG, IATA | Void |
| · UN proper shipping name | Void |
| · ADR, ADN, IMDG, IATA | Void |
| · Transport hazard class(es) | |
| · ADR, ADN, IMDG, IATA | |
| · Class | Void |
| · Packing group | Void |
| · ADR, IMDG, IATA | Void |
| · Environmental hazards: | Not applicable. |
| · Special precautions for user | Not applicable. |
| · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |
| · Transport/Additional information: | |
| · ADR | |
| · Remarks: | Not regulated |
| · UN "Model Regulation": | - |

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **National regulations:**
- **Information about limitation of use:**
 - French regulatory for occupational illness (Art.R.D461-3) : table N°36
 - French regulatory for occupational illness (Appendix A Art.D461-1) : table N°601
- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

The Material Safety Data Sheet was drawn up in compliance with the actual regulation in force. It is only provided for information and can be modified without notice period. It can't be considered as a product warranty. Its sole publication does not create juridical and contractual engagements. A possible contractual relation can only occur from a contract, subjected by the general IGOLs sell conditions, between IGOL and another party.

The information given in the Material Safety Data Sheet are based on the state of our knowledge relative to

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the product at the date indicated. The information, given bona fide, is strictly meant to advice users on security aspects. Then, the information can't be considered as products specifications. The product's specifications and applications can't be deduced from the information given on this Material Safety Data Sheet. The sheet completes the technical data sheet but doesn't replace it.

· **Relevant phrases**

H319 Causes serious eye irritation.

H411 Toxic to aquatic life with long lasting effects.

R36 Irritating to eyes.

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

· **Department issuing MSDS: Technical Department**

· **Contact:**

Tél : +33.3.22.50.22.22

E-mail : msds@igol.com

· **Abbreviations and acronyms:**

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 Harmonized System of Classification and Labelling of Chemicals

· **Reference idt.h&s : IX-04-CR-1303**

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