

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 14.09.2007

Revision: 6.08.2007

1 - Identification of substance:· **Product details:**

- **Trade name:** Lubricant stick – Art.-no. 602 000 350
- **Application of the substance / the preparation** Lubricating oil

· **Supplier:**

Wemaro Tools GmbH Tel.: 49(0)7042/8263-0
 Max-Eyth-Str. 7 Fax : 49(0)7042/8263-23
 D-75428 Illingen

- **Information department:** technical support : 49(0)7042/8263-0
- **Emergency information:** as above

2 - Hazards Identification

- **Hazard description:** not applicable
- **Information pertaining to particular dangers for man and environment**
 The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
 R 52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- **Classification system**
 The classification was made according to the latest editions of the EC-lists, and expanded upon from company and literature data.

3 - Composition/information on ingredients

- **Chemical characterization**
- **Description:**
 Cutting paste - wax, fatty components, phosphorous and sulphurous additives

· **Dangerous components:**

hydrocarbons sulfurized (generic name)	R 53	2.5-10%
Phosphorsäureesterderivat N;	R 51/53	2.5-10%

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

4 - First aid measures

- **General information** No special measures required.
- **After inhalation** None
- **After skin contact** Rinse with warm water.
- **After eye contact** Rinse opened eye for several minutes under running water.
- **After swallowing** If symptoms persist consult doctor.

5 - Fire fighting measures

- **Suitable extinguishing agents**
 In case of fire, use sand, carbon dioxide or powdered extinguishing agent. Never use water.
- **For safety reasons unsuitable extinguishing agents** Water with full jet.
- **Special hazards caused by the material, its products of combustion or resulting gases:**
 Carbon monoxide (CO)
 Sulphur dioxide (SO₂)
- **Protective equipment:** Mount respiratory protective device.

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- **Additional information**

Collect contaminated fire fighting water separately. It must not enter the sewage system.

6 - Accidental release measures

- **Person-related safety precautions:** Prevent skin and eye contact
- **Measures for environmental protection:** Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:** Pick up mechanically.

7 - Handling and storage

- **Handling**
- **Information for safe handling:** Prevent skin and eye contact
- **Information about protection against explosions and fires:** No special measures required.
- **Storage**
- **Requirements to be met by storerooms and receptacles:** Observe all storage regulations
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**
 - Storage temperature: 5-40 °C
 - Protecting from frost and direct sun light.
 - Original containers to be kept dry and firmly closed.
 - Under these conditions the product is at least 12 month storable without quality loss.

8 - Exposure controls and personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Components with limit values that require monitoring at the workplace:**
- **Additional information:** The lists that were valid during the creation were used as basis.
- **Personal protective equipment**
- **General protective and hygienic measures** Avoid close or long term contact with the skin.
- **Breathing equipment:** Not required.
- **Protection of hands:** Protective gloves and protective skin cream.
- **Material of gloves** Nitrile rubber, NBR
- **Penetration time of glove material**
 - Nitrile: thick 0,4 mm, break trough time > 240 min.
 - The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Not required.
- **Body protection:** Protective clothing

9 - Physical and chemical properties:

- **General Information**

Form: Pasty

Colour: Light brown

Odour: Characteristic

- **Change in condition**

Melting point/Melting range: 64 °C (DIN 51570)

Boiling point/Boiling range: undetermined

- **Flash point:** Not determined

- **Self igniting:** Product is not selfigniting.

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· Danger of explosion:	Product does not present an explosion hazard.	(Contd. of page 2)
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· Density at 20°C:	0.95 g/cm ³
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· Solubility in / Miscibility with Water:	Insoluble
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10 - Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Materials to be avoided:** Strong oxidizers
- **Dangerous reactions** No dangerous reactions known
- **Dangerous products of decomposition:**
Sulphur oxides (SO_x)
Phosphorus oxides (e.g. P₂O₅)

11 - Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

12 - Ecological information:

- **General notes:**
Water hazard class 2 (German Regulation 17.05.1999) (Self-assessment): hazardous for water.
Do not allow product to reach ground water, water course or sewage system.

13 - Disposal considerations

- **Product:**
- **Recommendation**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Waste disposal key:** 120112
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

14 - Transport information

- **Land transport ADR/RID (cross-border)**
- **ADR/RID class:** -
- **Transport/Additional information:** Not dangerous according to the above specifications.

15 – Regulations

- **Markings according to EU guidelines:**
The product has not been classified and marked in accordance with EU Directives / respective national laws.

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Observe the general safety regulations when handling chemicals

· **Risk phrases:**

52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

· **Safety phrases:**

35 This material and its container must be disposed of in a safe way.

61 Avoid release to the environment. Refer to special instructions/safety data sheets.

· **National regulations**

· **Water hazard class:** Water hazard class 2 (German Regulation) (Self-assessment):
hazardous for water.

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 R-phrases**

51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

53 May cause long-term adverse effects in the aquatic environment.

· **Contact:** e-mail: verkauf@wemaro.de