

# Material Safety Data Sheet

## (According to 1907/2006/EC, Article 31)



MSDS No: 0210

Issued: 23.10.2008

Reviewed: 21.03.2012

### 1. Identification of substance

Trade name: **ANTICORIT 6120/42**  
Recommended use: Lubricant  
Manufacturer/Supplier: FUCHS LUBRICANTS (CHINA) LTD.  
No.888, Jiaxiu Road, High Tech Zone,  
Nanxiang, Jiading, Shanghai, 201802  
Tel: +86 21 3912 2000  
Fax: +86 21 3912 2100  
Issued by: Technical department, Tel: +86 21 3912 2038  
24 Hr Emergency telephone: +86 21 3912 2001

Manufacturer/Supplier: FUCHS LUBRICANTS (YINGKOU) LTD.  
No. 17 North of Qinghua Road  
Xishi District, Yingkou, Liaoning, 115003  
Tel: +86 417 480 6502  
Fax: +86 417 480 6738  
Issued by: Technical department, Tel: +86 417 480 6502\*1833  
24 Hr Emergency telephone: +86 417 4806502\*1810

### 2. Hazards identification

Hazard designation: By handling of mineral oil products and chemical products no particular hazard is known when normal precautions (item 7) and personal protective equipment (item 8) are kept.

Information pertaining to particular dangers for man and environment: This product is water polluting, see item 12.

Classification system: The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies. The classification results from the Conventional Method of 1999/45 EC concerning specific data of compounds.

### 3. Composition/Data on components

Chemical characterization: Mixture of mineral oil and additive.

Dangerous components:

CAS No.	Designation	Content [%]	Index	Phrases
	Dearomatized solvent	30-50	Xn	R65-66

Additional information :

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

### 4. First aid measures

General information: Change clothes and shoes contaminated or soaked by the product. Never put rags contaminated by the product into cloth-pockets.

After inhalation: Supply fresh air; Consult doctor in case of symptoms (eventually by inhaling the overheated product).

After skin contact: Wash with running water and soap thoroughly.

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

After swallowing: In case of persistent symptoms consult doctor.

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### 5. Fire fighting measures

Suitable extinguishing agents: CO<sub>2</sub>, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam. Use fire fighting measures that suit the environment.

For safety reasons unsuitable extinguishing agents: Water with a full water jet. Protective equipment:

In case of fire fighting: wear self containing breathing apparatus.

### 6. Accidental release measures

Person-related safety precautions: Particular danger of slipping on leaked/ spilled product.

Measures for environmental protection: Do not allow to enter drainage system, surface or ground water. Prevent from spreading (e.g. by damming-in or oil barriers). Do not allow to enter the ground/ soil.

Measures for cleaning / collecting: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose of the material collected according to regulations.

Additional information: The product doesn't release dangerous material.

### 7. Handling and storage

Handling:

Information for safe handling: Prevent formation of aerosols. Don't eat, drink or smoke when working with the product. Take usual precautions when handling mineral oil products or chemical products.

Information about protection against explosions and fires: Don't heat up to temperatures close to the flash point.

Storage:

Requirements to be met by storerooms and containers: Keep original container tightly in dry, cool, well-ventilated place. Protect from heat resource and direct sunlight. Store under room temperature.

Information about storage in one common storage facility: Store away from foodstuffs.

Further information about storage conditions: Keep container tightly sealed.

### 8. Exposure controls and personal protection

Additional information about design of technical systems: No further data, see item 7.

Components with critical values that require monitoring at the workplace:

CAS No.	Designation	Content [%]	Type	Value	Unit
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The product itself does not contain any relevant quantities of materials with critical value that have to be monitored at the workplace.

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

Personal protective equipment: General protective and hygienic measures.

The usual precautionary measures should be adhered to in handling the chemicals and the mineral oil products. Keep away from foodstuffs, beverages and food. Instantly remove any soiled and impregnated garments. Wash hands during breaks and at the end of the work.

Avoid close or long term contact with the skin. Use skin protection cream for preventive skin protection. Do not carry cleaning cloths impregnated with the product in trouser pockets.

Breathing equipment: Not required.

Protection of hands: Protective gloves, where permitted in acc. to safety directions.

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. 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 glove and has to be observed.

Eye protection: Tightly sealed safety glasses.

Body protection: Protection work clothing.

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### 9. Physical and chemical properties

Physical state/shape	Liquid		
Color	Yellow		
Smell	Faint		
pH value(2% solution)	Not applicable		
Melting point	Not applicable		
Boiling point	Not applicable		
Flash point	63	°C	ASTM D92
Explosion limit	Not applicable		
Vapour pressure(25 °C)	Not applicable		
Density (15 °C)	0.8690	g/cm3	
Solubility in water	Not miscible in water		
n-Octanol/water partition coefficient (log Pow) ( 24 °C)	Not determined		Method : 92/69/EEC, A.8.
Self-ignition temperature	Not self-igniting		
Thermal decomposition	No decomposition if used as prescribed.		
Odor threshold	Not determined		
Viscosity (40 °C)	7.000		

### 10. Stability and reactivity

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

Dangerous reactions: No dangerous reactions known.

Dangerous products of composition: No dangerous decomposition products known.

### 11. Toxicological information

Acute toxicity:

Primary irritant effect:

On the skin: No irritant effect known.

On the eye: No irritant effect known.

Sensitization: No sensitizing effect known.

When used and handled according to specification, the product does not have any harmful effects according to our experience and the information provided to us.

### 12. Ecological information

Behaviour in environmental systems: Mobility and bioaccumulation potential: No data available.

Ecotoxic effects: Behaviour in sewage processing plants: The product is soluble in the waste water.

General note: German water hazardous class:

Do not allow to reach ground water, water bodies or sewage system.

Danger to drinking water if even small quantities leak into soil.

### 13. Disposal considerations

Product:

Recommendation: Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Must be specially treated under adherence to official regulations. When storing used mineral oil products, ensure that the categories for waste oil and mixing instructions are observed. Delivery of waste oil only to officially authorized collectors.

Contaminated packagings:

Recommendation: Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning. Small one-way packagings have to be disposed according to the local regulations.

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### 14. Transport information

Transport/additional information: No dangerous good acc. to dangerous goods/transport directions.

### 15. Regulatory information

Designation according to EU guidelines: Observe the normal safety regulations when handling chemicals or mineral oil products. The product is not subject to identification regulations under EC Directives until 2008/1272/EC (1. CLP-ATP) and Ordinance on Hazardous Materials.

National regulations: Local regulations must be kept.

### 16. Other information

Reference:

- 1) GB 16483 General rules for preparation of chemical safety data sheet(CSDS)
- 2) GB 13690 Classification and labels of dangerous chemical substances commonly used
- 3) GB 6944 Classification and signal of dangerous goods
- 4) GB/T 15098 Classification rule of dangerous goods transportation packaging style
- 5) UN 《Suggestion book of dangerous goods transportation》 (UNRTDG)
- 6) 《Regulation of dangerous goods transportation management》 (issued by National Railway Dept.) 1995

Validity: The former version is invalid when new version is issued.

Relevant phrases for the hazardous components in item 3.

Xn harmful.

R 65 Harmful: may cause lung damage if swallowed.

R 66 Repeated exposure may cause skin dryness or cracking.

All ingredients are listed in the European Inventories. 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. This data sheet is a safety data sheet according to 1907/2006/EC, article 31. For products which are not subject to classification according to EU lists this data sheet is made on a voluntary base.