



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

1.1 Product identifier:	eni ARNICA S 22
1.2 Relevant identified uses of the substance or mixture and uses advised against:	No information available
Specified uses:	Hydraulic oil
1.3 Details of the supplier of the safety data sheet:	Eni Schmiertechnik GmbH Paradiesstr. 14, D-97080 Würzburg Tel. (+ 49) 931 - 900 98-0 Fax (+ 49) 931-98442
Advising/Support:	Technical Department, Tel. (+49) 931 900 98-145 technik.wuerzburg@agip.de www.enischmiertechnik-datenblaetter.de

Section 2. Hazards identification

The mixture is classified as not hazardous according to Regulation (EC) 1272/2008 [CLP].

2.1 Classification of the substance:

Classification according to Reg. (EC) No. 1272/2008 [CLP]: The mixture is classified as not hazardous according to Regulation (EC) No. 1272/2008 [CLP].

2.2 Label elements: None

2.3 Other hazards: None

Section 3. Composition/information on ingredients.

3.2 Mixtures:

Hazardous ingredients: None

Section 4. First aid measures.

4.1 Description of first aid measures: When in doubt or if symptoms are observed, get medical advice.

After inhalation: Provide fresh air.

In case of skin contact: Wash immediately with: Water

After eye contact: Rinse immediately carefully and thoroughly with eye-bath or water.

After ingestion: Rinse mouth immediately and drink plenty of water.

4.2 Most important symptoms and effects, both acute and delayed: No information available.

4.3 Indication of any immediate medical attention and special treatment needed: None

Section 5. Fire fighting measures.

5.1 Extinguishing media:

Suitable extinguishing media: Not readily combustible.

5.2 Special hazards arising from the substance or mixture: None

5.3 Advice for fire fighters: None

5.4 Additional information: Remove persons to safety.

Section 6. Accidental release measures.

Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work.

6.1 Personal precautions, protective equipment and emergence procedures:

For non-emergency personnel: Remove persons to safety.

6.2 Environmental precautions: Do not allow to enter into surface water or drains.



6.3 methods and material for containment and cleaning up:

For containment: Absorb with liquid-binding material (e. g. sand, diatomaceous earth, acid or universal binding agents). Collect in closed and suitable containers for disposal.

For cleaning: The contaminated areas should be cleaned up immediately with: Water. Retain contaminated washing water and dispose it.

Other information: Avoid generation of dust.

6.4 Reference to other sections: None

Section 7. Handling and storage.

7.1 Precautions for safe handling:

Protective measures:

Specific requirements or handling rules:

Do not breathe dust. Do not breathe gas/fumes/vapour/spray. See chapter 8.

Advice on general occupational hygiene:

Handle with care – avoid bumps, friction and impact.

7.2 Conditions for safe storage, including any incompatibilities:

Only use containers specifically approved for the substance/product.

Hints on joint storage:

Storage class: 10

Storage class (TRGS 510): 10

Further information on storage conditions:

Keep container tightly closed and in a well-ventilated place.

7.3 Specific end use(s): None

Section 8. Exposure controls/personal protection.

8.1 Control parameters: None

8.2 Exposure controls:

Personal protection equipment: Work in well-ventilated zones or use proper respiratory protection. When handling with chemical substances, protective clothing with CE labels including the four control digits must be worn.

Eye/face protection: Eye protection: Not applicable

Respiratory protection: Carry along escape equipment (self-rescue).

Section 9. Physical and chemical properties.

9.1 Information on basic physical and chemical properties:

Safety relevant basis data:

Aspect: Clear liquid

Odour: No data available

Melting point/range: No data available

Boiling point/range: No data available

Flashpoint: 260°C

Vapour pressure (20°C): Not available

Density (20°C): No data available

Viscosity at 40°C): 19,8 – 24,2 cSt

9.2 Other information: None

Section 10. Stability and reactivity.

10.2 Reactivity: No hazardous reactions when stored and handled as described in Section 7.

10.2 Chemical stability: See Section 7. No additional measures necessary.

10.3 Possibility of hazardous reactions: None

10.4 Conditions to avoid: No information available.



10.5 Incompatible materials: No information available.
 10.6 Hazardous decomposition products: No ignition, explosion, self-heating or visible decomposition.

Section 11. Toxicological information.

11.1 Information on toxicological effects:

Acute effects:

Acute oral toxicity:

Parameter	Exposure route	Species	Effective dose
LD50	Oral	Rat	2000 mg/kg

Acute dermal toxicity:

Parameter	Exposure route	Species	Effective dose
LD50	Dermal	Rat	2000 mg/kg

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):

Germ cell mutagenicity/Genotoxicity:

Human toxicological data: This mixture does not contain any substances which either present a health or environmental hazard according to Directive 67/548/EEC or have an occupational exposure limit assigned.

Section 12: Ecological information.

Adopt good working practices. Do not litter.

12.1 Toxicity:

Aquatic toxicity:

Acute (short-term) fish toxicity:

Parameter	Species	Effective dose	Exposure time
LC50	Fish	5,5 mg/l	96 h

12.2 Persistence and degradability: No information available.

12.3 Bioaccumulative potential: No information available.

12.4 Mobility in soil: No information available.

12.5 Results of PBT and vPvB assessment: The substance does not meet the PBT/vBvP criteria of REACH, Annex XIII.

12.6 Other adverse effects: No information available.

12.7 Further ecological information: None

Section 13. Disposal considerations.

13.1 Waste treatment methods:

Product/packaging disposal:

Waste treatment options:

Appropriate disposal/product: Dispose according to legislation. Evidence for disposal must be provided.

Section 14. Transport information.

14.1 UN number: No dangerous goods in sense of this transport regulation.

14.2 UN proper shipping name: No dangerous goods in sense of this transport regulation.

14.3 Transport hazard class(es): No dangerous goods in sense of this transport regulation.

14.4 Packaging group: No dangerous goods in sense of this transport regulation.

14.5 Environmental hazards: No dangerous goods in sense of this transport regulation.

14.6 Special precautions for user: None



Section 15. Regulatory information.

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

EU legislation: Directive 67/548/EEC
Directive 1999/45/EC
Regulation (EC) No. 1907/2006 (REACH)
Regulation (EC) No. 1272/2008 (CLP)
Directive 2012/18/UE

National regulations:

Water hazard class (WGK): 1, slightly hazardous to water; classification according to VwVwS

15.2 Chemical safety assessment: No information available.

Section 16. Other information.

The 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.

Changes: 1 - 16