

MATERIAL SAFETY DATA SHEET

According to 91/155/EWG

Date of issue: 15.11.2001

Revised on: 25.11.2003

1. Identification of substance

Trade name: Autol Schneidöl SPL (series)

Supplier:

Agip Schmiertechnik GmbH
Paradiesstr. 14, 97080 Würzburg
Tel. 0931/900 98-0 Fax 0931/98442

2. Composition/information on ingredients

Chemical characterisation	%range	CAS
Base oil - not specified	50 - 100	n.a.

For the working of the R-sets see item 16.

3. Hazards identification

For the human:

See also item 11 and 15.

Preparation is not classified as hazardous according to regulation 1999/45/EU.

For the environment:

See item 12.

Product can form a film on water surfaces, which is able to prevent exchange of oxygen.

4. First aid measures

after INHALATION: Supply fresh air; according to symptoms seek medical attention. Remove victim from exposures.

after EYE CONTACT: Rinse thoroughly for several minutes with plenty of water, if necessary seek medical attention. Supply Material Safety Data Sheet.

after SKIN CONTACT: Wash thoroughly with soap and water, remove dirty contaminated clothing immediately, in case of skin irritations (reddening etc.) seek medical attention.

after SWALLOWING: Do not induce vomiting, get immediate medical help. Danger of aspiration.

5. Fire fighting measures

Suitable extinguishing agents: CO₂, foam, dry chemicals, water spray jet.

For safety reasons unsuitable extinguishing agents: Full water jet

Particularly hazardous through the material or preparation itself, its combustion products or developed gases: In case of fire flammable vapour/air mixtures, carbon oxides, nitrogen oxides and sulphur oxides can be formed.

Special protective equipment for fire fighting: Mount air recycling independent breathing apparatus, depending on the size of fire, fully protection.

Other information: Dispose of contaminated fire fighting water according to regulations.

6. Accidental release measures

See item 13 as well as personal protection equipment item 8.

Person-related safety precautions:

Avoid eye and skin contact as well as inhalation. Attention, danger of slipping. Do not carry cleaning cloths impregnated with the product in trouser pockets.

Environmental protection measures:

Stem if larger quantities are leaking. Do not allow to enter the sewage system. Avoid penetration into surface and ground water as well as ground.

Measures for cleaning/collecting:

Absorb with liquid-binding material (e. g. universal binder). Dispose of the material collected according to item 13.

7. Handling and storage

Handling

Information for safe handling: See item 6. The usual precautionary measures should be adhered to in handling chemicals and mineral oil products. Observe the information on the label as well as the using directions. If necessary take measures against electrostatic charge. If necessary use explosion protected equipment.

Information about protection against explosions and fires: No special measures required.

Storage

Requirements to be met by storerooms and containers: Do not store in passages and stairwells.

Store only closed in original containers.

Special storage conditions: See item 10. Store protected and prevent from humidity.

8. Exposure limit and personal protection equipment

Take care of sufficient ventilation. Local aspiration or general drawing-off air can do this. In case this is not sufficient to keep the concentration below the MAK-value, a suitable breathing protection has to be used. Only valid if exposition limit values are recorded.

Chemical designation	%range	MAK-, TRK-value
Mineral oil mist		5 mg/m ³ (TLV-ACGIH)
Base oil - not specified	50 - 100	70 ppm (350 mg/m ³)

Breathing protection: When the MAK-value is exceeded wear Filter A - P2 EN 141.

Hand protection: Protection gloves made of nitrile (EN 374), skin ointment recommended.

Additional information about hand protection - No tests were carried out.

The selection for preparations had been made after best knowledge and with the information about the contents. The selection for substances had been derived from the information of the glove manufacturers.

The final selection of the glove material has to be made under consideration of the breakthrough times, permeation rates and the degradation. The selection of the suitable gloves is not only dependent on the material but also on further quality aspects and different from manufacturer to manufacturer.

For preparations the resistance of hand glove material is not calculable and therefore has to be tested before the application.

The exact breakthrough time has to be requested from the manufacturer and has to be kept.

Eye protection: Safety glasses (EN 166) tightly sealed with side protection shields, in case of danger of splashes.

Body protection: Protection cloth (e.g. safety shoes EN 344, working cloth with long sleeves).

9. Physical and chemical properties

Form:	liquid
Colour:	yellow
Odour:	characteristic
pH value 10%:	no data available
Boiling point/range:	no data available
Melting point/range:	-25 to -20°C (PP)
Flashpoint:	210 - 226°C
Self-ignition:	no data available
Explosion limit, lower/upper:	no data available
Vapour pressure:	no data available
Rel. Density at 15°C:	0,872 - 0,880 g/ml
Solubility in water:	insoluble
Viscosity at 40°C:	22 - 46 mm ² /s
Viscosity at 100°C:	4,4 - 6,7 mm ² /s

10. Stability and reactivity

Conditions to be avoided: See item 7. Protect from humidity. Avoid open flames, ignition sources.

Materials to be avoided: See also item 7. Avoid contact with strong oxidants and other chemicals.

Dangerous decomposition products: See item 5.

11. Toxicological information

Acute toxicity as well as immediately appearing effects

Swallowing, LD50 rat oral (mg/kg):	no data available
Inhaling, LC 50 rat inhalative (mg/1/4h):	no data available
Skin contact, LD 50 rat dermal (mg/kg):	no data available
Eye contact:	no data available

Delayed appearing as well as chronically effects

Sensitising effect:	no data available
Carcinogenic effect:	no data available
Teratogenicity effect:	no data available
Reproduction effect:	no data available
Narcotic effect:	no data available

Other information:

No classification in accordance with calculation methods.

It can appear: Skin dry-out, skin irritation.

12. Ecological information

Water hazardous class (WGK): 1 (self-classification according to VwVwS) - slightly hazardous for water.

Persistence and decomposability: No data available.

Behaviour in sewage treatment plants: Mechanical separation possible.

Aquatic toxicity: See item 3.

Ecotoxicity: No data available.

13. Disposal considerations

Material/preparation/rest quantities

Soaked dirty rags, paper or other organic material is a fire hazard and has to be controlled collected and disposed of.

Trade name

Autol Schneidöl SPL (series)

Waste disposal number EU:

The mentioned waste disposal numbers are recommendations on account of the planned use of this product. Due to different applications and disposal possibilities for the user other waste disposal 13 13 02 05 not chlorinated machine, gear and lubrication oils based on mineral oil

Recommendation:

Observe local regulations, e.g. suitable dumping ground or suitable combustion plant.

Recommendation:

Recycling to base oils. Collecting category I according to waste oil ordinance. Observe local regulations.

Uncleaned packaging material

See above.

Observe local regulations.

15 01 01 packaging made of paper or carton

15 01 02 packaging made of plastic

15 01 04 packaging made of metal

14. Transport information

GGVE/GGVS: Does not belong to any class of danger

RID/ADR: Does not belong to any class of danger

IATA-DGR: Does not belong to any class of danger

IMDG-Code: Does not belong to any class of danger

15. Regulations

Designation according to Federal German Hazardous Material Ordinance incl. EG regulations (67/548/EWG and 1999/45/EG)

Danger symbol: Void

Hazards designation: --

R-Sets:

S-Sets:

Additional: Safety data sheet available for professional user on request.

Restrictions to observe: Not applicable

16. Other information

Storage class according to VCI: 10

The information contained in this safety data sheet is based on our current information level. It does not give assurance for certain product properties and does not establish a contractual relationship. This information relates only to the specific material and may not be valid if the material is used in combination with any other material or in any process.

The informations in this sheet have been revised in November 2003.