



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

1.1 Product identifier:

Product name: AGIP metalGrind S 15 Uni

1.2 Relevant identified uses of the substance or mixture and uses advised against:

Identified uses: Metal working fluid

Uses advised against: No uses advised against identified.

1.3 Details of the supplier of the safety data sheet:

Manufacturer/Supplier: 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 98-142
 technik.wuerzburg@agip.de
 www.enischmiertechnik-datenblaetter.de

Section 2. Hazards identification.

2.1 Classification of the substance or mixture: The product has been classified and labelled as hazardous according to the legislation in force.

Classification according to Directive 67/548/EEC or 1999/45/EC as amended: The product is not classified according to Directive 67/548/EEC or Directive 1999/45/EC.

Classification according to Regulation (EC) No. 1272/2008 as amended:

Health hazards:

Aspiration Hazard: Category 1 – H304: May be fatal if swallowed and enters airways

Hazard summary:

Physical hazards: No data available

2.2 Label elements:

Contains: Base oil, paraffinic



Signal words: Danger

Hazard statement(s): H304: May be fatal if swallowed and enters airways

Precautionary statement:

Response: P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
 P331: Do NOT induce vomiting

Disposal: P501: Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal

2.3 Other hazards: 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. The product may not be released

Section 3. Composition/information on ingredients.

3.2 Mixtures:

General information: Mixture containing severely refined base oils and additives.

Chemical name	Concentration*	Identifier	REACH Registration no.	Notes
Base oil, paraffinic	25,00 - < 50,00%	265-159-2	01-2119480132-48	

*All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

PBT: Persistent, bioaccumulative and toxic substance

vPvB: Very persistent and very bioaccumulative substance



Classification:

Chemical name	Classification	
Base oil, paraffinic	DSD	None
	CLP	Asp. Tox. 1; H304

DSD: Directive 67/548/EEC

CLP: Regulation No. 1272/2008

The full text for all R- and H-phrases is displayed in section 16.

Section 4. First aid measures.

General:	Change clothes and shoes contaminated or soaked by the product. Never put rags contaminated by the product into cloth pockets.
4.1 Description of first aid measures:	
Inhalation:	Supply fresh air, consult doctor in case of symptoms.
Eye contact:	Promptly wash eyes with plenty of water while lifting the eye lids.
Skin contact:	Wash with soap and water. The product is not skin irritating.
Ingestion:	Call a physician or poison control center immediately. Rinse mouth. Never give liquid to an unconscious person. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.
4.2 Most important symptoms and, effects, both acute and delayed:	May cause skin and eye irritation.
4.3 Indication of any immediate medical attention and special treatment needed:	
Hazards:	No data available.
Treatment:	Get medical attention if symptoms occur.

Section 5. Fire fighting measures.

5.1 Extinguishing media:	
Suitable extinguishing agents:	CO ₂ , extinguishing powder or fog like water spraying. Extinguish larger fires with alcohol resistant foam or spray water with suitable tensides added.
Unsuitable extinguishing agents:	Water with a full water jet.
5.2 Special hazards arising from the substance or mixture:	During fire, gases hazardous to health may be formed.
5.3 Advice for fire-fighters:	
Special fire fighting procedures:	No data available.
Special protective equipment for fire fighters:	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Section 6. Accidental release measures.

6.1 Personal precautions, protective equipment and emergency procedures:	In case of spills, beware of slippery floors and surfaces.
6.2 Environmental precautions:	Prevent from spreading (e. g. by binding or oil barriers).
6.3 Measures and material for containment and cleaning up:	Absorb with liquid binding material such as sand, diatomite, acid binders, universal binders or sawdust.
6.4 Reference to other sections:	See section 8 of the MSDS for personal protective equipment. See section 7 for information on safe handling. See section 13 for information on disposal.

Section 7. Handling and Storage.

7.1 Precautions for safe handling:	Provide adequate ventilation. Observe good industrial hygiene practices. Do not eat, drink or smoke when working with the product. Take usual precautions when handling mineral oil products or chemical products.
7.2 Conditions for safe storage, including any incompatibilities:	Store locked up. Local regulations concerning handling and storage of water polluting products have to be followed. Prevent formation of aerosols. Do not heat up to temperatures close to the Flashpoint.
7.3 Specific end use(s):	No data available.



Storage class: 10, combustible liquids

Section 8. Exposure controls/personal protection.

8.1 Control parameters:

Occupational exposure limits: None of the components have assigned exposure limits.

8.2 Exposure controls:

Appropriate engineering controls: No data available.

Individual protection measures, such as personal protective equipment:

General information: Wash hands before breaks and after work. Use personal protective equipment as required. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment. The usual precautionary measures should be adhered to in handling the chemicals or the mineral oil products.

Eye/face protection: Safety glasses (EN 166) recommended during refilling.

Skin protection:

Hand protection: Nitrile butyl rubber (NBR). Avoid long-term and repeated skin contact. Suitable gloves can be recommended by the glove supplier. Use skin protection cream for preventive skin protection. Protective gloves, where permitted in acc. to safety directions. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Other: Do not carry cleaning cloths impregnated with the product in trouser pockets. Wear suitable protective clothing.

Respiratory protection: In case of inadequate ventilation use suitable respirator. Seek advice from local supervisor. Avoid breathing vapour/aerosol.

Thermal hazards: No data available.

Hygiene measures: Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking and/or smoking. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned.

Environmental controls: No data available.

Section 9. Physical and chemical properties.

9.1 Information on basic physical and chemical properties:

Appearance:

Physical state: Liquid

Form: Liquid

Colour: Pale yellow

Odour: Characteristic

Odour threshold: No data available

pH: Not applicable

Freezing point: No data available

Boiling point: No data available

Flashpoint: 195°C

Evaporation rate: No data available

Flammability (solid, gas): No data available

Flammability limit, upper/lower: No data available

Vapour pressure: No data available

Vapour density (air=1): No data available

Density at 15°C: 0,860 g/ml

Solubilities:

Solubility in water: Insoluble in water

Solubility (other): No data available

Partition coefficient (n-octanol/water): No data available

Auto ignition temperature: No data available



Decomposition temperature:	No data available
Kin. Viscosity at 40°C:	16,4 mm ² /s
Explosive properties:	No data available
Oxidizing properties:	No data available
9.2 Other information:	No data available

Section 10. Stability and reactivity.

10.1 Reactivity:	Stable under normal temperature conditions and recommended use.
10.2 Chemical stability:	No data available.
10.3 Possibility of hazardous reactions:	None under normal conditions.
10.4 Conditions to avoid.	Avoid heat or contamination.
10.5 Incompatible materials:	Strong oxidizing substance, strong acids, strong bases.
10.6 Hazardous decomposition products:	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

Section 11. Toxicological information.

11.1 Information on toxicological effects:	
Acute toxicity:	
Oral:	
Product:	Not classified for acute toxicity based on available data
Specified substance(s):	Base oil, paraffinic: LD 50 (Rat): > 5.000 mg/kg
Dermal:	
Product:	Not classified for acute toxicity based on available data
Specified substance(s):	Base oil, paraffinic: LD 50 (Rabbit): > 5.000 mg/kg
Inhalation:	
Product:	Not classified for acute toxicity based on available data
Specified substance(s):	Base oil, paraffinic: LC 50 (Rat, 4 h): > 5 mg/l
Repeated dose toxicity:	
Product:	No data available
Specified substance(s):	Base oil, paraffinic: No data available
Skin corrosion/irritation:	
Product:	No data available
Specified substance(s):	Base oil, paraffinic: No data available
Serious eye damage/eye irritation:	
Product:	No data available
Specified substance(s):	Base oil, paraffinic: No data available
Respiratory or skin sensitization:	
Product:	No data available
Specified substance(s):	Base oil, paraffinic: No data available
Germ cell mutagenicity:	
In vitro:	
Product:	No data available
Specified substance(s):	Base oil, paraffinic: No data available
In vivo:	
Product:	No data available
Specified substance(s):	Base oil, paraffinic: No data available
Carcinogenicity:	
Product:	No data available
Specified substance(s):	Base oil, paraffinic: No data available
Reproductive toxicity:	
Product:	No data available
Specified substance(s):	Base oil, paraffinic: No data available
Specific target organ toxicity – single exposure:	
Product:	No data available
Specified substance(s):	Base oil, paraffinic: No data available



Specific target organ toxicity – repeated exposure:

Product:	No data available
Specified substance(s):	Base oil, paraffinic: No data available
Aspiration hazard:	
Product:	May be fatal if swallowed and enters airways
Specified substance(s):	Base oil, paraffinic: No data available
Other adverse effects:	No data available.

Section 12. Ecological information.

12.1 Toxicity

Acute toxicity:

Fish:

Product:	No data available
Specified substance(s):	Base oil, paraffinic: LC 50 (Fish, 96 h): > 101 mg/l

Aquatic invertebrates:

Product:	No data available
Specified substance(s):	Base oil, paraffinic: No data available

Chronic toxicity:

Fish:

Product:	No data available
Specified substance(s):	Base oil, paraffinic: No data available

Aquatic invertebrates:

Product:	No data available
Specified substance(s):	Base oil, paraffinic: No data available

Toxicity to aquatic plants:

Product:	No data available
Specified substance(s):	Base oil, paraffinic: No data available

12.2 Persistence and degradability:

Biodegradation:

Product:	No data available
Specified substance(s):	Base oil, paraffinic: No data available

12.3 Bioaccumulative potential:

Product:

Specified substance(s):	Base oil, paraffinic: No data available
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12.4 Mobility in soil:

No data available.

Known or predicted distribution to environmental compartments:

Base oil, paraffinic:	No data available
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12.5 Results of PBT and

vPvB assessment:

Base oil, paraffinic:	No data available
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12.6 Other adverse effects:

No data available

Water hazard class (WGK):

WGK 1: slightly water endangering

Section 13. Disposal considerations.

13.1 Waste treatment methods:

General information:

Dispose in accordance with all applicable regulations.

Disposal methods:

Discharge, treatment or disposal may be subject to national, state or local laws.

European Waste Codes:

12 01 07* mineral-based machining oils free of halogens (except emulsions and solutions)

Section 14. Transport information.

ADR/RID:

Non-dangerous goods

ADN:

Non-dangerous goods

IMDG:

Non-dangerous goods

IATA:

Non-dangerous goods



14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC-Code: Not applicable

Section 15. Regulatory information.

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

EU Regulations:

Regulation (EC) No. 2037/2000 substances that deplete the ozone layer: None

Regulation (EC) No. 850/2004 on persistent organic pollutants: None

15.2 Chemical safety assessment: No chemical safety assessment has been carried out.

Section 16. Other information.

This information relates only to the specific product and may not be valid if the product is used in combination with any other material or in any process.

The informations in this sheet are according to our best knowledge at the date of printing.

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 mentioned in Regulation EU 1272/2008 (CLP).

Changes: 1 – 16

Wording of the R-phrases and H-statements in section 2 and 3:
H304 May be fatal if swallowed and enters airways