



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

1.1 Product identifier:

Product name: Agip metalCut MMS 001

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

Identified uses: Metal working

Uses advised against: No uses advised against identified.

1.3 Details of the supplier of the Safety data sheet:

Eni Schmiertechnik GmbH
Paradiesstr. 14, 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 Regulation (EU) 1272/2008 (CLP).

Classification according to Directive 67/548/EEC or 1999/45/EC as amended:

R65 Harmful: may cause lung damage if swallowed

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

Health hazard:

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

Hazard summary:

Physical hazards: Can form flammable vapour-air mixtures during the application.

2.2 Label elements:

Contains: Hydrocarbon solvent, dearomatized, low viscous



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 into the environment without control.

Section 3. Composition/information on ingredients.

3.2 Mixtures:

General information: Mixture based on severely refined mineral base oils with corrosion preventive agents and volatile hydrocarbons.

Chemical name	Concentration*	Identification	REACH Registration No.	Notes
Hydrocarbon solvent, dearomatized, low viscous	50,00 - < 100,00%	918-481-9	01-2119457273-39	

*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	
Hydrocarbon solvent, dearomatized, low viscous	DSD	Xn; R65 R66
	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 water and soap; pay attention: skin degreasing product.
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 does not get into the lungs.
4.2 Most important symptoms and effects, both acute and delayed:	Headache
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.

General fire hazards:	Use water spray to keep fire-exposed containers cool.
5.1 Extinguishing media:	
Suitable extinguishing media:	CO ₂ , fire extinguishing powder or fog like water spraying. Extinguish larger fires with alcohol resistant foam or spray water with suitable tensides added.
Unsuitable extinguishing media:	Water with a full water jet
5.2 Special hazards arising from the substance or mixture:	Can form explosive vapour-air mixtures at higher temperatures.
5.3 Advice for firefighters:	
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. Keep away from sources of ignition – No smoking.
6.2 Environmental precautions:	Prevent from spreading (e. g. by binding or oil barriers).
6.3 Methods and material for containment and cleaning up:	Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, 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:	Use only in well-ventilated areas. Risk of vapour concentration on the floor and in low-lying areas.
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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. The precautions for storing and handling of flammable liquids have to be kept. Local regulations for common storage of flammable liquids have to be followed. Prevent formation of aerosols. Do not heat up to temperatures close to the Flashpoint.
7.3 Specific end use(s):	Not applicable
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:	Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.
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 cloth 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.
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:	Yellow
Odour:	Characteristic
Odour Threshold:	No data available
pH:	Not applicable
Freezing point:	No data available
Boiling Point:	Not applicable
Flash Point:	> 61°C
Evaporation Rate:	No data available
Flammability (solid, gas):	No data available
Flammability Limit – Upper (%):-	No data available



Flammability Limit – Lower (%):-	No data available
Vapour pressure:	No data available
Vapour density (air=1):	No data available
Density at 15°C:	0,80 g/ml
Solubility(ies):	
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:	1,75 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:	No under normal conditions.
10.4 Conditions to avoid:	Avoid heat or contamination.
10.5 Incompatible materials:	Strong oxidizing substances, 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):	Hydrocarbon solvent, dearomatized, low viscous: LD 50 (Rat): > 5.000 mg/kg (OECD 401)
Dermal:	
Product:	Not classified for acute toxicity based on available data.
Specified substance(s):	Hydrocarbon solvent, dearomatized, low viscous: LD 50 (Rabbit): > 3.160 mg/kg
Inhalation:	
Product:	Not classified for acute toxicity based on available data.
Specified substance(s):	Hydrocarbon solvent, dearomatized, low viscous: No data available
Repeated dose toxicity:	
Product:	No data available
Specified substance(s):	Hydrocarbon solvent, dearomatized, low viscous: No data available
Skin corrosion/irritation:	
Product:	No data available
Specified substance(s):	Hydrocarbon solvent, dearomatized, low viscous: No data available
Serious eye damage/eye irritation:	
Product:	No data available
Specified substance(s):	Hydrocarbon solvent, dearomatized, low viscous: No data available

**Respiratory or skin sensitization:**

Product: No data available
Specified substance(s): Hydrocarbon solvent, dearomatized, low viscous:
No data available

Germ cell mutagenicity:

In vitro:
Product: No data available
Specified substance(s): Hydrocarbon solvent, dearomatized, low viscous:
No data available

In vivo:

Product: No data available
Specified substance(s): Hydrocarbon solvent, dearomatized, low viscous:
No data available

Carcinogenicity:

Product: No data available
Specified substance(s): Hydrocarbon solvent, dearomatized, low viscous:
No data available

Reproductive toxicity:

Product: No data available
Specified substance(s): Hydrocarbon solvent, dearomatized, low viscous:
No data available

Specific target organ toxicity –single exposure:

Product: No data available
Specified substance(s): Hydrocarbon solvent, dearomatized, low viscous:
No data available

Specific target organ toxicity – repeated exposure:

Product: No data available
Specified substance(s): Hydrocarbon solvent, dearomatized, low viscous:
No data available

Aspiration hazard:

Product: May be fatal if swallowed and enters airways.
Specified substance(s): Hydrocarbon solvent, dearomatized, low viscous:
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): Hydrocarbon solvent, dearomatized, low viscous:
LC 50 (Fish, 96 h): > 1.001 mg/l (OECD 203)

Aquatic invertebrates:

Product: No data available.
Specified substance(s): Hydrocarbon solvent, dearomatized, low viscous:
EC 50 (Water flea, 48 h): > 1.000 mg/l (OECD 202)

Chronic Toxicity:**Fish:**

Product: No data available
Specified substance(s): Hydrocarbon solvent, dearomatized, low viscous:
No data available

Aquatic invertebrates:

Product: No data available
Specified substance(s): Hydrocarbon solvent, dearomatized, low viscous:
No data available

Toxicity to Aquatic Plants:

Product: No data available
Specified substance(s): Hydrocarbon solvent, dearomatized, low viscous:
EC 50 (Alga, 72 h): > 1.000 mg/l (OECD 201)



12.2 Persistence and degradability:

Biodegradation:

Product: No data available
Specified substance(s): Hydrocarbon solvent, dearomatized, low viscous:
80% (28 d, OECD 301F) Readily biodegradable

12.3 Bioaccumulative potential:

Product: No data available
Specified substance(s): Hydrocarbon solvent, dearomatized, low viscous:
No data available

12.4 Mobility in soil: No data available

Known or predicted distribution to environmental compartments:

Hydrocarbon solvent, dearomatized,
low viscous: No data available

12.5 Results of PBT and vPvB

assessment: No data available
Hydrocarbon solvent, dearomatized,
low viscous: No data available

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: 07 06 04*: other organic solvents, washing liquids and mother liquors

Section 14. Transport information.

This material is not subject to transport regulations.

14.7 Transport in bulk according to
Annex II of MARPOL73/78 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
R65 Harmful: may cause lung damage if swallowed
R66 Repeated exposure may cause skin dryness or cracking