



Material Safety Data Sheet

According order (EG)code1907/2006

Trade name HIGH-DUTY COOLANT LIQUID – 604 000 005 AND 604 000 020
Reviewed on 10.08.2018

1. Identification of substance

Trade name 604 000 005 and 604 000 020
aplicatin Cutting Oil

Supplier Wemaro Tools GmbH
Max-Eyth-Str. 7
75428 Illingen
information division

E-mail verkauf@wemaro.de
Telefon 07042 / 8263-0
Fax 07042 / 8263-23
Product safety department

Emergency information As above or next toxicological information centre

2. Hazard identifications

Hazard designation not applicable

Information pertraining to particular not applicable
Dangers for man and enviroment

3. Composition / Data on components

chemical characterization formulation higher-molecular weight fatty alcohol

dangerous ingredients

EINECS-Nr.	CAS-Nr.	designation	Gew.-%	symbols	R-rates
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No Hazardous components

additional details Free from organochlorine compounds

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4. First aid measures

General information	Instantly remove any clothing contaminated by the product. Take affected persons out of danger area and instruct to lie down. Do not leave affected persons unsupervised. Personal protection for the First Aider.
After inhalation	Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist. In case of unconsciousness bring patient into stable side position for transport.
After skin contact	Wash with soap and water. After prolonged skin contact defatting of skin possible, use skin protecting agent after prolonged skin contact. If skin irritation continues, consult a doctor.
After eye contact	Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.
After swallowing	Rinse out mouth and then drink plenty of water. Do not induce vomiting – danger of chemical pneumonia. Call a doctor immediately.
Information for doctor	Look point 2

5. Fire fighting measures

Suitable extinguishing agents	CO ₂ , extinguishing powder or water spray/fog. Fight larger fires with water spray/fog or alcohol-resistant foam.
Unsuitable extinguishing agents	Water full jet
Special hazard caused by the Material, it's product of combustion or flue gases	nitric oxide, carbon black, Carbon monoxide, carbon dioxide and sulfure dioxide
Protective equipment	Put on breathing apparatus.
Additional information	Cool endangered containers with water spray jet. Collect contaminated fire fighting water separately. It must not enter drains.



6. Accidental release measures

Personal-related safety precautions	Remove all ignition sources. Wear protective clothing and keep away unprotected persons. Do not breathe vapours. Avoid skin and eye contact. Ensure adequate ventilation.
Measures for environmental protection	Do not allow to enter drainage system, surface or ground water. Inform respective authorities in case product reaches water of sewage system. Prevent from spreading (e. g. by damming-in or oil barriers). Damp down gases/fumes/haze with water spray jet.
Measures for cleaning / collecting	Ensure adequate ventilation. Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Remove from the surface of water (e. g. skim or vacuum of). Dispose of the material collected according to regulations.

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7. Handling and storage

Information for safe handling	Ensure good interior ventilation, especially at floor level.
Information about protection against Explosions and fires	To hold of ignition- and heat source
Requirements to be met by Storerooms and containers	Make sure that all applicable workplace limits are observed
Information about storage in one Common storage facility	Store away from oxidizing agents.
Further information about storage	+5 - +30°C

8. Definition and control of exposure / personal protective equipment

Additional information about design Of technical systems No further data; see item 7.

Components with critical values that require monitoring at the workplace

EINECS-Nr.	CAS-Nr.	name of the item	weight.-%	kind	data	unit
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Personal protective equipment

General protective measures

Keep away from foodstuffs, beverages and food. Wash hand during breaks and at the end of the work. Instantly remove any contaminated garments. Do not inhale gases / fumes / aerosols. Avoid close or long term contact with the skin. Avoid contact with the eyes. Do not carry cleaning cloths impregnated with the product in trouser pockets.

Breathing equipment

If all workplace limits are observed and good ventilation is ensured, no special precautions necessary.

Protection of hands

Solvent resistant gloves. The glove material has to be impermeable and resistant to the product/ the substance/the preparation. (z.B. Camatril Profi 729 Fa. KCL, Permeationszeit L6:480 min, Penetration L3:0,65).

Eye protection

Safety glasses recommended during refilling.

Body protection

Solvent resistant protective clothing.

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9. Physical and chemical properties

General information

Form
Colour
Smell

liquid
colorless
odorless

Flash point
Self-flammable
Explosion risk

>150

°C
°C
Vol %

DIN 51755
DIN EN ISO 3405



	---	Vol %	
Density at 20°C	0,836	g / cm ³	DIN 51757
Solubility in water	---		
Viscosity at 20°C	33	mm ² /s	DIN 51562

10. Stability and reactivity

Thermal decomposition	not decomposition if used according to specifications
Dangerous reactions	Non in case of appropriate storage / handling / transport
Dangerous product of decomposition	Non in case of appropriate storage / handling / transport
Order to avoid terms	

11. Toxicological information

Acute toxicity	none
Primary irritant effect	
On the skin	Light weak irritating effect.
On the eye	Light weak irritating effect.
Sensitization	No sensitizing effect known.

12. Environment based information

General information	Can have in water for longer periods ill effect
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13. Disposal considerations

Recommendation	Disposal must be made according to official regulations.
European waste catalogue	120 107

**Packaging**

Disposal must be made according to official regulations.

14. Transport information

Land transport ADR/RID and GGVS/GGVE

none hazardous material

Class

Packing group

UN-number

Hazard-number

Description

Maritim transport IMDG/GGVSEE

none hazardous material

Class

UN-number

Packing group

Label

EMS-number

Description

Air transport ICAO-TI and IATA-DGR

none hazardous material

Class

UN/ID-number

Label

Packaging group

Description

Transport / Additional information

none hazardous material

15. Regulatory information

Substance safety appraisal**Designation according to EG guidelines**

The product is not subject to classification according to the calculation Methodes of the General classification Guidline for preparations of The EC as issued in the last version.

EU-instructions**National regulations**

Technical Instruction on Air Class: III
Proportion %: --

Water hazard class

Water hazard class 1 (Assessment by list): low hazardous for water



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16. Other information

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.

Pertinent R-phrases ---

Pertinent S-phrases	25	avoid contact with eyes
	26.	with contact the eyes, clean efficient with water and consult a doctor
	61.	release at the enviroment avoid. Material Safety Data Sheet to attend.

Manufacturer 's suggested retail applicationlimit	Only for commercials applaying products, no public products
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