1. Identification of the substance/preparation and of the company/enterprise

- Product name:
Methylated spirit PE-Reiniger

- Company:
Wemas GmbH
33334 Gutersloh

2. Composition / information on ingredients

Preperation on the base:
Max. 99,9% ethanol
CAS No.: 64-17-5 Index No.: 603-002-00-5
EEC-No.: 200-578-6
Hazard symbol: F R-phrases: 11
Modified
Ca 1% butanone
CAS No.: 78-93-3 Index No.: 606-002-00-3
EEC-No.: 201-159-0
Hazard symbol: F-X1 R-phrases. 11-36/37
5-6% water
CAS No.: 7732-18 5 Index No.: -
EEC-No.: 231-791-2
Hazard symbol: - R-phrases: -
Further information:
The individual components of the preparation are registered in the EICECS.

3. Hazards identification

Highly flammable

4. First-aid measures

- After inhalation:
Provide fresh air. If feeling unwell seek medical advice.
- After skin contact:
Wash off with plenty of water.
- After eye contact:
Rinse with plenty of water immediately, seek medical advice if necessary.
- After ingestion:
Seek medical advice immediately.

5. Fire-fighting measures

- Suitable extinguishing media:
Water spray, alcohol resistant foam, CO2, dry powder
- Unsuitable extinguishing media: -

6. Accidental release measures

- Personal precautions:
Keep away from sources of ignition – no smoking. Provide sufficient ventilation.
- Environmental precautions:
Keep away from drains and soil.
- Methods for cleaning up:
Take up mechanically or with an absorbent material.
Suitable absorbents, universal absorbent. Fill into marked, sealable containers.

7. Handling and storage

- Handling:
Provide good ventilation or extraction.
- Protection against fire / explosion:
Take precautionary measures against static charges, keep away from sources of ignition. Explosion protection equipment required.
- Storage:
Keep containers tightly closed. Store in a well ventilated area. Keep in a cool place. Storage classification according to VCI (D): LGK 3A

8. Exposure controls / personal protection

- Technical measures:
Provide sufficient ventilation.
- Ingredients with limiting values to be controlled:
TLV (TRGS 900/D): 1000ppm – 1900 mg/m3 (ethanol)
- Industrial hygiene:
Do not inhale vapours / aerosols. Avoid contact with the eyes.
- Respiratory protection:
In case of insufficient ventilation, if the limit values like TLV are exceeded: use respiratory equipment with suitable filter (filter type EN 141 A) or wear a self contained respiratory apparatus.
- Hand protection
Suitable protective gloves, e.g. PVC gloves.
- Eye protection:
Protective goggles.

9. Physical and chemical properties

- Form: Liquid
- Colour: Colourless
- Odour: Characterist

- Melting temperature:	About -120°C
- Boiling temperature (1013 hPa)	About 78°C
- Flash point	12°C DIN 51755
- Ignition temperature	410°C DIN 51794
- Explosion limits	3.5 – 28 vol. %
- Vapour pressure (20°C)	60 hPa
- Density (20°C)	0.82 g/cm3
- Solubility in water (20°C)	Miscible
- pH value (g/l water) (20°C)	Neutral
- Viscosity (20°C)	2 mPa 5

10. Stability and reactivity

- Stability:
Distils without decomposition at atmospheric pressure.
- Hazard decomposition products:
No hazardous decomposition product known.
- Hazardous reactions:
Reacts violently with strong oxidants

11. Toxicological information

- Skin:
May be irritating on frequent or long term contact.
- Eyes:
Slight irritation possible.
- Inhalation:

Vapours in higher concentrations may cause narcotic effects.
- Ingestion:
Possibly harmful.

12. Ecological information

- Biodegradability:
94% (DOC: modif. OECD screening test / OECD 301 E)
- Aquatic toxicity:
- Toxicity to fish: LC O (Leuciscus idus melanotus): > 1000 mg/1 48 h (DIN 38412, part 15)
- Toxicity to daphnia:
EC 50 (Daphnia magna) : > 1000 mg/1 24 h (DIN 38412, part 11)

13. Disposal considerations

- Product:
With respect to local regulations, e.g. dispose of to suitable waste incineration plant …
A waste code in accordance with the European Waste Catalogue (EWC) May not be assigned to this product since it admits of a classification only when the consumer uses it for some purpose. In agreement with the waste code must be determined regional waste disposal authority or company.

14. Transport information

- RID/ADR:
Class 3 Item: 3b
Hazard information No.: 33 UN-No.: 1170
Name of the substance: 33/1170 Ethanol (Ethylalkohol)
- ADNR:
Class. 3 Item: 3b
Name of the substance: 33/1170 Ethanol (Ethylalkohol)
- IMDG-code:
Class: 3,2 UN-No.: 1170 PG:11 EMS-No.: 3-06 MFAG: 305
Proper shipping name: Alcohol, denaturated, UN-No.: 1170
- ICAO/IATA-DGE:
Class: 3 UN/ID-No.: 1170 PG: 11
Proper shipping name: Ethanol solution

15. Regulatory information

- Labelling (EEC):
According to the Dangerous Preparations Directive (88/379/EEC):
Not suitable for human taking.
Contains: ethanol, denaturated
Hazard symbol: F = Highly flammable
R-phrases: 11 Highly flammable
S-phrases: 7 Keep container tightly closed
16 Keep away from sources of ignition – No smoking.

16. Other information

Alterations to the previous edition are marked with a "#" in the lefthand margin. The details contained herein are based on our present state of knowledge and experience and are to characterize our product with regard to any possible safety requirements. We do, however, pass them on without any warranty or property assurances.