WINDSHIELD CLEANER

SECTION 01 - IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY / UNDERTAKING

PRODUCT:	"BENZOL® – WINDSHIELD CLEANER"
CHEM NAME:	MIXTURE (SEE SECTION 2)
CHEM FAMILY:	PETROLEUM SOLVENT

Application

For specific application advice, see appropriate Technical Data Sheet.

Company Identification

Benzol Lubricants
Contact +49 174 2131885
Mail: info@benzollubricants.de - Web: www.benzollubricants.de

Emergency Number: +49 174 2131885 (09:00 - 18:00 – Working hours | Monday - Friday – Working Days)

SECTION 02 - COMPOSITION AND INFORMATION ON INGREDIENTS

Chemical composition

Composition	Cas no	Approximate Weight %
Methanol	67-56-1	80-100%

SECTION 03 – HAZARDS IDENTIFICATION

Health

Harmful or fatal if swallowed. GHS Label Elements



Signal Word: Danger

Aspiration hazard if swallowed; can enter lungs and cause damage. May cause skin, eye, and respiratory tract irritation. If ingested, this product may cause gastrointestinal irritation. Excessive inhalation of this material causes headache, dizziness, nausea, and incoordination. Exposure may increase myocardial irritability. Overexposure may cause central nervous system effects. Overexposure may cause liver and kidney damage. Prolonged and/or repeated skin contact with this product may cause irritation/dermatitis. This product may be absorbed through the skin in harmful amounts. This product may cause delayed neurotoxicity.

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Storage
Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.

Disposal
Dispose of contents/container in accordance with applicable regional, national and local laws and regulations.

SECTION 04 – FIRST AID MEASURES

Eyes
Wash eye thoroughly with copious quantities of water, ensure eyelids are held open. Obtain medical advice if any pain or redness develops or persists.

Skin
Wash skin thoroughly with soap and water as soon as reasonably practicable. Remove heavily contaminated clothing and wash underlying skin.

Ingestion
If contamination of the mouth occurs, wash out thoroughly with water.
Except as a deliberate act, the ingestion of large amount of product is unlikely. If should occur, do not induce vomiting; obtain medical advice.

Inhalation
If inhalation of mist, fumes, or vapor causes irritation to nose or throat, or coughing removes fresh air. If symptoms persist, obtain medical advice.

Medical advice
Treatment should in general be symptomatic and directed to relieving any effects.

SECTION 05 – FIRE FIGHTING MEASURES

Extinguishing Media
Dry chemical, foam, carbon dioxide.

Specific Methods
Use water to cool fire-exposed containers, structures, and to protect personnel.

Specific Hazards
Empty containers may retain product residue including Flammable or Explosive vapors. Do not cut, drill, grind, or weld near full, partially full, or empty product containers.

Protection of Firefighters
Fire fighters should be equipped with NIOSH-approved, self-contained breathing apparatus (SCBA) and full protective clothing.

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SECTION 06 – ACCIDENTAL RELEASE MEASURES

Personal Precautions

Ventilate the contaminated area. Avoid inhalation of vapors and contact with skin and eyes. Wear appropriate protective equipment and clothing during clean-up.

Environmental Precautions

Please contact your nearest environmental specialist which can advise you in case of any accidental release measures.

Methods for Cleaning Up

Contain the discharged material. Absorb the spilled material and scrape it up.

SECTION 07 - HANDLING AND STORAGE

Handling Precautions

Avoid contact with eyes. If splashing is likely to occur wear a full-face visor or chemical goggles as appropriate. Avoid frequent or prolonged skin contact with fresh or used products.
Good working practices, high standards of personal hygiene and plant cleanliness must always be maintained.
Wash hands thoroughly after contact.
Use disposable cloth and discard when solid. Do not put soiled cloth into pockets.

Fire prevention

Product contaminated rags, paper or material used to absorb spillages, represent a fire hazard, and should not be allowed to accumulate. Dispose of it safely immediately after use.

Storage condition

Store the products under cover away from heat and sources of ignition.

SECTION 08 – EXPOSURE CONTROLS & PERSONAL PROTECTION

Exposure Limits

Chemical Name	TWA: 8hr	STEL: 15min	References
Methanol	200 ppm (skin)	250 ppm (Skin)	ACGIH OSHA

Protective clothing

Wear face wiser or goggles in circumstances where eye contact can accidentally occur.
If skin contact is likely, wear impervious protective clothing and/or gloves.
Heavily contaminated clothing as soon as reasonably practicable; dry clean, launder and preferably starch before reuse. Wash any contaminated underlying skin with soap and water.

Respiratory protection

Respiratory protection is unnecessary, provided the concentration of vapor mists or fumes is adequately controlled. The use of respiratory equipment must be strictly in accordance with the manufacturers in statutory requirements governing its selection and use.

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SECTION 09 – TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

Tests	Method	Results
Appearance	Visual	Clear
Odor		Alcoholic
Color	Visual	Natural
Density @ 15 °C, Kg/L	D-1298	0.980
Kinematic Viscosity@40°C, cSt	D-445	18.12
Flash Point, °C (COC)	D-92	10
Boiling Point, °C	D-97	90

SECTION 10 – STABILITY & REACTIVITY

Chemical Stability

Products of this type are stable and unlikely to react in a hazardous manner under normal conditions of use.
Hazardous polymerization reaction will not occur.

Materials to avoid

Avoid contact with strong oxidizing agents.

Hazardous decomposition product

Thermal decomposition products will vary with conditions.
Incomplete combustion will generate smoke, carbon dioxide and hazardous gases, including carbon monoxide, hydrogen Sulfide and oxides of Sulphur and phosphorus.

SECTION 11 – TOXICOLOGICAL INFORMATION

Eyes

Unlikely to cause more than transient stinging or accidental eye contact occurs.

Skin

Unlikely to cause harm to the skin on brief or occasional contact but prolonged or repeated exposure may lead to dermatitis.

Ingestion

Unlikely to cause harm if accidentally swallowed in small doses through larger quantities may cause nausea and diarrhea.

Inhalation

At normal ambient temperatures this product will be to present an inhalation hazard of its low volatility may cause irritation to eyes nose and throat due to exposure to vapor, mists or fumes may be harmful by inhalation if exposure to vapor, mists or fumes resulting from thermal decomposition product occurs.

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SECTION 12 – ECOLOGICAL INFORMATION

Mobility
Spillages may penetrate the soil causing ground water contamination.

Persistence and degradability
This product is inherently bio-gradable.

Bio accumulative potential
There is no evidence to suggest bioaccumulation will occur.

Aquatic toxicity
Spills may form a film on water surfaces causing physical damage to organisms. Oxygen transfer could also be impaired.

SECTION 13 – DISPOSAL CONSIDERATION

The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should always comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14 – TRANSPORT INFORMATION

Not classified as hazardous for transport (ADR, RID, UN, IMO, IATA / CAO)

SECTION 15 – REGULATORY INFORMATION

Not classified as hazardous for supply.

SECTION 16 – OTHER INFORMATION

This data sheet and the health, safety, and environmental information it contains, is accurate as of the date specified below. We have reviewed any information contained herein which we received from sources outside of the company. However, no warranty or representation, express or implied is made is made as to the accuracy or completeness of the data and information contained in this data sheet.

Health and safety precautions and environmental advice noted in this data sheet may not be accurate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as a permission, recommendation or authorization given or implied to practice any planted invention without a valid license. The company shall not be responsible for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from any hazard inherent in the nature of the material.

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