



SECTION 1: Identification

1.1. Identification

Product form : Mixture
Name : BMK W300

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

Use of the substance/mixture : Product for industrial use only

1.3. Details of the supplier of the safety data sheet

ALSI B.V., ASM Laser Separation International B.V.
Platinawerf 20G
Beuningen, 6641 TL - Netherlands
T (+31) 024 678 28 88 (9.00-17.00 CET) - F (+31) 024 678 28 99
sales@alsi.asmpt.com - alsi.asmpt.com

1.4. Emergency telephone number

Country	Organisation/Company	Address	Emergency number	Remark
UNITED STATES OF AMERICA	Upstate New York Poison Center Upstate Medical University	750 East Adams Street Syracuse NY 13210 New York	1-800-222-1222	

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS-US classification

Not classified

2.2. Label elements

GHS-US labelling

No labelling applicable

2.3. Other hazards

Other hazards not contributing to the classification : Not expected to present a significant hazard under anticipated conditions of normal use.

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	GHS-US classification
1-methoxy-2-propanol, monopropylene glycol methyl ether	(CAS No) 107-98-2	5 - 10	Flam. Liq. 3, H226 STOT SE 3, H336

Full text of H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

First-aid measures after skin contact : Remove contaminated clothes. Wash skin with plenty of water. If skin irritation persists, take medical advice.

First-aid measures after eye contact : Ensure adequate flushing of eyes by separating eyelids with the fingers. Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if pain, blinking or redness persist.

First-aid measures after ingestion : Rinse mouth. Do not induce vomiting without medical advice. Get medical advice/attention if you feel unwell.

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4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/injuries : Not expected to present a significant hazard under anticipated conditions of normal use.
Symptoms/injuries after skin contact : May cause an allergic skin reaction.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Foam. Dry powder. Water spray. Sand. Carbon dioxide.
Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

- Fire hazard : Non flammable.
Explosion hazard : No direct explosion hazard.
Reactivity : No dangerous reactions known under normal conditions of use.

5.3. Advice for firefighters

- Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.
Other information : Prevent fire fighting water from entering the environment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

- Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

- Protective equipment : Equip cleanup crew with proper protection. For further information refer to section 8 : "Exposure-controls/personal protection".
Emergency procedures : Ventilate area.

6.2. Environmental precautions

Do not allow to enter drains or water courses.

6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Take up liquid spill into absorbent material. Mechanically recover the product.
Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

Concerning personal protective equipment to use, see item 8. Concerning disposal elimination after cleaning, see item 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Concerning personal protective equipment to use, see item 8. Provide good ventilation in process area to prevent formation of vapour.
Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Keep only in the original container in a cool well ventilated place. Keep container closed when not in use.
Incompatible products : Strong bases. Strong acids.
Heat and ignition sources : Keep away from heat and direct sunlight.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

1-methoxy-2-propanol, monopropylene glycol methyl ether (107-98-2)

DNEL

DNEL

369 mg/m³

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1-methoxy-2-propanol, monopropylene glycol methyl ether (107-98-2)		
ACGIH	ACGIH TWA (mg/m³)	369 mg/m³
ACGIH	ACGIH TWA (ppm)	100 ppm
ACGIH	ACGIH STEL (mg/m³)	553 mg/m³
ACGIH	ACGIH STEL (ppm)	150 ppm
ACGIH	Remark (ACGIH)	Eye irr; CNS impair; A4
NIOSH	NIOSH REL (TWA) (mg/m³)	360 mg/m³
NIOSH	NIOSH REL (TWA) (ppm)	100 ppm
NIOSH	NIOSH REL (STEL) (mg/m³)	540 mg/m³
NIOSH	NIOSH REL (STEL) (ppm)	150 ppm

8.2. Exposure controls

Appropriate engineering controls	: Ensure good ventilation of the work station.
Personal protective equipment	: Avoid all unnecessary exposure.
Hand protection	: Chemical resistant gloves (according to European standard NF EN 374 or equivalent). Wear suitable gloves resistant to chemical penetration.
Eye protection	: Safety glasses. DIN EN 166.
Skin and body protection	: Wear suitable protective clothing. EN 13034.
Respiratory protection	: No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation. Where excessive vapour, mist, or dust may result, use approved respiratory protection equipment. EN 143.
Environmental exposure controls	: Avoid release to the environment.
Other information	: Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Yellow
Odour	: slight
Odour threshold	: No data available
pH	: 6.5 (5 - 7.5)
Melting point	: No data available
Freezing point	: No data available
Boiling point	: ~ 100 °C
Flash point	: > 100 °C
Relative evaporation rate (butylacetate=1)	: No data available
Flammability (solid, gas)	: No data available
Explosive limits	: No data available
Explosive properties	: Product is not explosive.
Oxidising properties	: No data available
Vapour pressure	: 23 hPa (20 °C); 123 hPa (50 °C)
Relative density	: No data available
Relative vapour density at 20 °C	: No data available
Density	: 1.1 g/cm³ (25 °C)
Solubility	: Soluble in other organic solvents. soluble in water. Water: > 300 g/l (20 °C)
Log Pow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available

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Viscosity : No data available
Viscosity, kinematic : No data available
Viscosity, dynamic : No data available

9.2. Other information

Other properties : Thermal decomposition. > 150 °C. Solid contents: 48.0 - 52.0 %.

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reactions known under normal conditions of use.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known.

10.4. Conditions to avoid

Extremely high or low temperatures. Keep out of direct sunlight.

10.5. Incompatible materials

Strong bases. Strong acids.

10.6. Hazardous decomposition products

None under normal conditions.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

1-methoxy-2-propanol, monopropylene glycol methyl ether (107-98-2)	
LD50 dermal rabbit	13000 mg/kg
LC50 inhalation rat (mg/l)	10000 ppm 5h.
ATE US (dermal)	13000.000 mg/kg bodyweight
ATE US (vapours)	27.300 mg/l/4h
ATE US (dust,mist)	10000.000 mg/l/4h
Additional information	LD50 oral mouse: 11.700 mg/kg

Skin corrosion/irritation : Not classified
pH: 6.5 (5 - 7.5)

Serious eye damage/irritation : Not classified
pH: 6.5 (5 - 7.5)

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure) : Not classified

Aspiration hazard : Not classified

Symptoms/injuries after skin contact : May cause an allergic skin reaction.

SECTION 12: Ecological information

12.1. Toxicity

1-methoxy-2-propanol, monopropylene glycol methyl ether (107-98-2)	
LC50 fishes 1	> 4600 mg/l

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1-methoxy-2-propanol, monopropylene glycol methyl ether (107-98-2)

EC50 other aquatic organisms 1	23300 mg/l EC50 waterflea (48 h)
EC50 other aquatic organisms 2	> 500 mg/l IC50 alga (72 h) mg/l

12.2. Persistence and degradability

BMK W300

Persistence and degradability	Not established.
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12.3. Bioaccumulative potential

BMK W300

Bioaccumulative potential	Not established.
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12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Effect on global warming : No known effects from this product.

Other information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations.
Additional information	: Empty containers should be taken for recycle, recovery or waste in accordance with local regulation.
Ecology - waste materials	: Avoid release to the environment.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT
Not regulated for transport

TDG

No additional information available

Transport by sea

No additional information available

Air transport

No additional information available

SECTION 15: Regulatory information

15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

15.2. International regulations

CANADA

No additional information available

EU-Regulations

No additional information available

National regulations

No additional information available

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15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

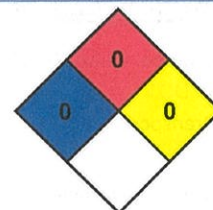
SECTION 16: Other information

- Data sources : according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830.
- Abbreviations and acronyms : Safety Data Sheet. Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008. Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006. Persistent Bioaccumulative Toxic. Very Persistent and Very Bioaccumulative. European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways. European Agreement concerning the International Carriage of Dangerous Goods by Road. CAS (Chemical Abstracts Service) number. EG-nr.: EINECS- en ELINCS-number.
- Other information : REACH Disclaimer:
This information is based on current knowledge. Consistency of data in the SDS with CSR is considered, as far as the information is available at the time of compilation (cfr Revision date and Version number). **DISCLAIMER OF LIABILITY** The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

Full text of H-statements:

H226	Flammable liquid and vapour
H336	May cause drowsiness or dizziness

- NFPA health hazard : 0 - Exposure under fire conditions would offer no hazard beyond that of ordinary combustible materials.
- NFPA fire hazard : 0 - Materials that will not burn.
- NFPA reactivity : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



- HMIS III Rating
- Health : 0 Minimal Hazard - No significant risk to health
- Flammability : 0 Minimal Hazard - Materials that will not burn
- Physical : 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.
- Personal Protection : B
B - Safety glasses, Gloves

SDS US (GHS HazCom 2012)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product