



M.M.C. International B.V.

MSDS – Material Safety Data Sheet

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

1.1 Product identifiers

Product name : Barbiturates test
 Product number : BARB0110
 Brand : MMC International

1.2 Relevant identified uses of the substance or mixture

Identified uses : Substance Testing

1.3 Details of the supplier of the safety data sheet

Company : M.M.C. International B.V.
 Frankenthalerstraat 16-18
 4816KA Breda
 The Netherlands
 Telephone : +31 76-5711140
 Fax : +31 76-5719300
 E-mail address : Info@mmcinter.com

1.4 Emergency telephone number

Emergency Phone # : 112

2. Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]

Flammable liquids (Category 3)
 Skin corrosion (Category 1B)
 Acute toxicity, Dermal (Category 4)
 Acute toxicity, Oral (Category 4)
 Reproductive toxicity (Category 2)

Classification according to EU Directives 67/548/EEC or 1999/45/EC

Flammable. Possible risk of impaired fertility. Causes burns. Harmful in contact with skin and if swallowed.

2.2 Label elements

Labelling according Regulation (EC) No 1272/2008 [CLP]

Hazard statement(s)

H225	Highly flammable liquid and vapour
H226	Flammable liquid and vapour.
H301 + H311 + H331	Toxic if swallowed, in contact with skin or if inhaled
H302	Harmful if swallowed.
H312	Harmful in contact with skin.



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H314	Causes severe skin burns and eye damage.
H361f	Suspected of damaging fertility.
H370	Causes damage to organs.
Precautionary statement(s)	
P210	Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P260	Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.
P280	Wear protective gloves/ protective clothing/ eye protection/ face protection.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician.
P311	Call a POISON CENTER or doctor/ physician.

Supplemental Hazard Statements

R-phrases(s)

R10	Flammable.
R21/22	Harmful in contact with skin and if swallowed.
R34	Causes burns.
R35	Causes severe burns
R62	Possible risk of impaired fertility.

S-phrases(s)

S23	Do not breathe gas/fumes/vapour/spray.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36/37/39	Wear suitable protective clothing, gloves and eye/face protection.
S45	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

2.3 Other hazards - none

3. Composition/information on ingredients

3.1 Mixture:

Component	CAS-No.	Concentration
Methanol	108918	90-95%

4. First aid measures

4.1 Description of first aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.



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In case of skin contact

Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.

In case of eye contact

Flush eyes with water as a precaution.

If swallowed

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2)

4.3 Indication of any immediate medical attention and special treatment needed

No data available

5. Firefighting measures

5.1 Extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

Carbon oxides

5.3 Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

5.4 Further information

Use water spray to cool unopened containers

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear vapor respirator, safety goggles, rubber gloves, and disposable coveralls (discard coveralls after use). Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up

Soak up with inert absorbent material (dry soda ash, calcium carbonate, earth, sand, or vermiculite recommended; do not use flammable substances such as sawdust). Scoop up with a non-sparking tool. Ventilate and wash spill site after collection. Place in container for disposal according to local regulations.



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7. Handling and storage

7.1 Precautions to be Taken:

Keep in tightly closed container. Keep cool and dry. Prevent from freezing. Avoid all ignition sources (heat, open flame, spark). Avoid incompatible materials. Use only in well-ventilated areas. Do not ingest or inhale. Avoid contact with skin, eyes, and clothing. Avoid prolonged or repeated exposure. Wash thoroughly after handling.

7.2 Other Precautions:

"Empty" containers may contain product residue and may be dangerous. Empty containers should be completely drained and bunged and then disposed of according to local, state, and federal regulations.

8. Exposure controls/personal protection

8.1 Ventilation Requirements:

Use only in well-ventilated areas.

8.2 Personal Protective Equipment:

Safety goggles, gloves, vapor respirator, protective clothing.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Boiling Point: 64.7 C*

Melting Point: -98 C*

Evaporation Rate (Butyl Acetate = 1): 5.2*

Vapor Pressure (mm Hg.): 96*

Specific Gravity (H₂O = 1):

Vapor Density (AIR = 1): 1.1*

Solubility In Water: Miscible*

Other Information: * Info for methanol.

Appearance and Odor: Pink crystal; vinegar odor

10. Stability and reactivity

10.1 Stability:

Stable at room temperature in closed containers under normal storage and handling conditions .

10.2 Incompatibility (Materials to Avoid):

Oxidants, active metals, acetyl bromide, alkyl aluminum salts, beryllium dihydride, carbon tetrachloride + metals, chloroform +

heat, chloroform + sodium hydroxide, cyanuric chloride, diethyl zinc, acids, potassium tertbutoxide, acetaldehyde,

2-aminoethanol, ammonium nitrate, bromine pentafluoride, chlorine trifluoride, chromic anhydride + acetic anhydride, diallyl methyl carbinol + ozone, ethylene diamine, ethyleneimine, peroxides, nitric acid + acetone, oleum, permanganates, phosphorus isocyanate, phosphorus trichloride, hydroxides, xylene, moisture, ignition sources (heat, open flame, spark). See the NFPA Fire Protection Guide for all methanol incompatibility specifics.



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10.3 Decomposition/By Products:

Carbon monoxide, carbon dioxide, formaldehyde (carcinogen), cobalt, cobalt oxides

10.4 Hazardous Polymerization:

Does not occur.

11. Toxicological information

11.1 Information on toxicological effects

May be fatal or cause blindness if ingested. Harmful if inhaled. May be absorbed through the skin. May cause central nervous system depression. May cause liver and kidney damage. May cause adverse reproductive and fetal effects based on animal testing.

12. Ecological information

12.1 Adverse effects

Prevent from entering sewers or waterways. May be toxic to some aquatic life.

13. Disposal considerations

13.1 Information on disposal

Dispose according to local, state, and federal regulations.

14. Transport information

14.1 Information on transport

Keep in tightly closed container. Keep cool and dry. Prevent from freezing. Avoid all ignition sources (heat, open flame, spark). Avoid incompatible materials. Do not ingest or inhale. Avoid contact with skin, eyes, and clothing. Avoid prolonged or repeated exposure. Wash thoroughly after handling.

15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

No data available

16. Other information

16.1 Risks

Using this product under normal, properly instructed procedures should not be hazardous.

16.2 Further Information

The information above is believed to be accurate and represents the best information currently available to us but does not purport to be all inclusive and shall be used only as a guide. We make no warranty of merchantability or any other warranty, expressed or implied, with respect



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to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of the information for their particular purposes.