



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 : GBL test
Product number : GBL0110
Brand : MMC International

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

Identified uses : Laboratory chemicals, Manufacture of substances

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]
Not a hazardous substance or mixture

Classification according to EU Directives 67/548/EEC or 1999/45/EC
C Corrosive R35

2.2 Label elements

Hazard statement(s)

H226 Flammable liquid and vapour.
H302 Harmful if swallowed.
H312 Harmful in contact with skin.
H314 Causes severe skin burns and eye damage.
H332 Harmful if inhaled.
H410 Very toxic to aquatic life with long lasting effects.

Precautionary statement(s)

P273 Avoid release to the environment.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove



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P310 contact lenses, if present and easy to do. Continue rinsing.
 Immediately call a POISON CENTER or doctor/ physician.
 P501 Dispose of contents/ container to an approved waste disposal plant.

According to European Directive 67/548/EEC as amended.

R-phrases(s)

R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
 R32 Contact with acids liberates very toxic gas.
 R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrases(s)

S13 Keep away from food, drink and animal feedingstuffs.
 S36/37 Wear suitable protective clothing and gloves.
 S46 If swallowed, seek medical advice immediately and show this container or label.
 S60 This material and its container must be disposed of as hazardous waste.
 S61 Avoid release to the environment. Refer to special instructions/ Safety data sheets.

2.3 Other hazards

EUH032 Contact with acids liberates very toxic gas.

3. Composition/information on ingredients

3.1 Mixture:

Component	CAS-No.	Concentration
Glycerine	56815	45– 50%
Water (distilled)	7732185	40 – 45%

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

Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen (To be administered by qualified medical personnel only!) Get medical attention.

In case of skin contact

Flush skin with plenty of soap and water for at least 15 minutes. Remove contaminated clothing. Seek medical attention.

In case of eye contact

Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids. Do not allow victim to rub or keep eyes closed. Get medical aid immediately.



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If swallowed

If victim is conscious and alert, wash out mouth with water and give victim plenty of water to drink. (Never give anything by mouth to an unconscious person!) Get medical attention immediately.

4.2 Most important symptoms and effects, both acute and delayed

Ingestion: Nausea, vomiting, diarrhea, abdominal cramps, red lesions on the skin and mucous membranes, delirium, convulsions, coma

4.3 Indication of any immediate medical attention and special treatment needed

No data available

5. Firefighting measures

5.1 Extinguishing media

Carbon dioxide, dry chemical powder, appropriate foam, water fog or fine spray

5.2 Special hazards arising from the substance or mixture

Carbon oxides

5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary. DO NOT use direct streams of water.

5.4 Further information

"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

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear vapor respirator, safety goggles, and rubber gloves. Remove sources of ignition (i.e. open flames, sparks). Dike if necessary. Dilute with water and add slight excess of soda ash.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up

Mix and neutralize with 6M HCl. Soak up with inert absorbent material (sand or earth recommended; do not use flammable substances such as sawdust). Ventilate and wash spill site after collection. Dispose according to local, state, and federal regulations.

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



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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: 100 °C/ 212°F

Melting Point: -22.8 °C/ 64°F

Evaporation Rate (Butyl Acetate = 1): NE

Vapor Pressure (mm Hg.): 3

Specific Gravity (H₂O = 1): NE

Vapor Density (AIR = 1): 3.1

Solubility In Water: soluble

Other Information:

Pink Liquid

10. Stability and reactivity

10.1 Stability:

Stable

10.2 Incompatibility (Materials to Avoid):

Moisture, acids, oxidizing agents, chlorates, nitrates, organic peroxides, ignition sources (heat, open flame, spark), light, bases, reducing agents, potassium, acid anhydrides

10.3 Decomposition/By Products:

Cyanides, sulfur oxides, acrolein, carbon monoxide & dioxide, boron oxides, aldehydes

10.4 Hazardous Polymerization:

Not applicable for polymerization

11. Toxicological information

11.1 Information on toxicological effects

The toxicological properties of cobalt (II) thiocyanate have not been thoroughly investigated.



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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 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.