



MSDS – Material Safety Data Sheet
Product name: M.M.C. PMK/BMK TEST
MSDS No.: BMK/PMK0270

I. Basic Information:**Manufacturer:** M.M.C. International BV**Address:** Frankenthalerstraat 16-18**City, ST Zip:** Breda, 4816 KA**Emergency Contact:** Local authorities**Emergency Telephone Number:** For example in most of Europe 112 (911 for US)**Contact:** M.M.C. Headoffice**Information Telephone Number:** +31-76-5711140**Last Update:** 11/27/2012**Expiration Date:****Chemical State:** ☒ Liquid ☐ Gas ☐ Solid**Chemical Type:** ☒ Pure ☐ Mixture**II. Ingredients:**☐ Trade Secret

CAS No.	Chemical Name	% Range				Other Limits
7697372	Nitric acid	100				187 F

III. Hazardous Identification:**Hazard Category:**☒ Acute☒ Chronic☒ Fire☐ Pressure☐ Reactive**Hazardous Identification Information:**

Respiratory tract irritant. Skin and eye irritant. Causes severe skin and eye burns. May cause lung injury.

IV. First Aid Measures:**Route(s) of Entry:**

Inhalation, ingestion, skin, eyes

Health Hazards (Acute and Chronic):

Acute: Severe skin and eye burns

Chronic: Erosion of the teeth

Signs and Symptoms:**Medical Conditions Generally Aggravated by Exposure:**

Pulmonary, eye, skin diseases

Emergency and First Aid Procedures:



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Inhalation: 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.

Ingestion: DO NOT induce vomiting. If victim is conscious and alert, give large quantities of water. (Never give anything by mouth to an unconscious person!) Get medical attention immediately.

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

Eyes: 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.

Other Health Warnings:

V. Fire Fighting Measures:

Flash Point: NE

Lower Explosive Limit: 1,000

Upper Explosive Limit: 1,000

F.P. Method:

Fire Extinguishing Media: Water spray

Special Fire Fighting Procedures:

Wear self-contained breathing apparatus and protective clothing.

Unusual Fire and Explosion:

Organic materials may ignite spontaneously or have greatly increased flammability.

VI. Accidental Release Measures:

Steps to be Taken in Case Material is Released or Spilled:

Wear vapor respirator, safety goggles, and rubber gloves. Soak up with inert absorbent material (sodium bicarbonate, soda ash, or slaked lime recommended; do not use flammable substances such as sawdust). Flush spill with plenty of water. Ventilate spill site after collection. Dispose according to local, state, and federal regulations.

VII. Handling and Storage:

Precautions to be Taken:

Keep in closed container. Keep cool. Avoid incompatible materials. Use only in well-ventilated areas. Avoid contact with skin, eyes, and clothing. Avoid breathing vapor. Wash thoroughly after handling. Be prepared to neutralize and absorb spilled acid.

Other Precautions:

VIII. Exposure Controls/Personal Protection:

Ventilation Requirements:

Use only in well-ventilated areas.

Personal Protective Equipment:

Safety goggles, gloves, vapor respirator, protective clothing



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IX. Physical and Chemical Properties:

Boiling Point: <122 C

Melting Point: NE

Evaporation Rate (Butyl Acetate = 1): NE

Vapor Pressure (mm Hg.): <3.0

Specific Gravity (H₂O = 1):

Vapor Density (AIR = 1): ~2-3

Solubility In Water: Complete

Appearance and Odor: Clear, colorless; acrid odor

Other Information:

X. Stability and Reactivity:

Stability:

Stable

Incompatibility (Materials to Avoid):

Elevated temperatures, combustible organic materials, readily oxidizable materials, wood, turpentine, metal powders, hydrogen sulfide, strong bases, carbides

Decomposition/By Products:

Nitrogen oxides

Hazardous Polymerization:

Does not occur.

XI. Toxicological Information:

Respiratory tract irritant. Skin and eye irritant. Causes severe skin and eye burns. May cause lung injury.

This material is subject to the reporting requirements of Section 313 of SARA Title III and 40 CFR Part 373.

XII. Ecological Information:

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

XIII. Disposal Considerations:

Dispose according to local, state, and federal regulations.

XIV. Transport Information:

Keep in closed container. Keep cool. Avoid incompatible materials. Avoid contact with skin, eyes, and clothing. Avoid breathing vapor. Wash thoroughly after handling. Be prepared to neutralize and absorb spilled acid.

XV. Regulatory Information:



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None available

<i>XVI. Other Information:</i>

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

The information above is believed to be accurate and represents the best information currently available to us. However, 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.