



MSDS – Material Safety Data Sheet
Product name: M.M.C. PSILOCYBIN/PSILOCIN TEST
MSDS No.: PSI0110

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 (N/D = Not Disclosed)

CAS No.	Chemical Name	% Range	Other Limits
7647010	Hydrochloric acid	50	230 F
64175	Ethanol	50	57 F

III. Hazardous Identification:
Hazard Category:
 Acute

 Chronic

 Fire

 Pressure

 Reactive

Hazardous Identification Information:

FLAMMABLE! May form explosive peroxides. May be fatal or cause blindness if ingested. May be absorbed through the skin. May cause respiratory and digestive tract irritation. Skin irritant. Severe eye irritant. May cause central nervous system depression. May cause liver and kidney damage. May cause adverse reproductive and fetal effects based on animal testing.

Corrosive! May be absorbed through the skin. Severe respiratory and digestive tract irritant. Causes skin and eye burns.

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

Inhalation, ingestion, skin, eyes

Health Hazards (Acute and Chronic):

Chronic: Defatting of the skin, dermatitis, erosion of the teeth, conjunctivitis, skin photosensitization

Acute: Severe skin and eye burns, respiratory disturbances

Signs and Symptoms:

Inhalation: Headache, dizziness, drowsiness, unconsciousness, coma, coughing, burns, breathing difficulty.

Ingestion: Excitement, headache, dizziness, drowsiness, nausea, collapse, unconsciousness, coma, death due to respiratory failure, digestive tract burns, abdominal pain, vomiting, death

Eyes: Burning sensation, redness, tearing, inflammation.



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Medical Conditions Generally Aggravated by Exposure:

Skin, eye, respiratory, kidney, liver, central nervous system diseases, circulatory system, respiratory system diseases

Emergency and First Aid Procedures:

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: If victim is conscious and alert, give 2-4 cups of milk or water. (Never give anything by mouth to an unconscious person!) DO NOT induce vomiting. 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: 57 F**Lower Explosive Limit:** 3.3**Upper Explosive Limit:** 19**F.P. Method:****Fire Extinguishing Media:** Use proper extinguishing media suitable for surrounding fire.**Special Fire Fighting Procedures:**

Wear self-contained breathing apparatus and protective clothing. DO NOT use straight streams of water. Water may be ineffective, but may be used to cool fire-exposed containers. Cool containers with flooding quantities until well after fire is out.

Unusual Fire and Explosion:

Reacts with metals to form flammable hydrogen gas.

Containers may explode in heat of fire. May form explosive peroxides. Vapors from this product may travel some distance from original point to an ignition source and flash back. Vapors may be heavier than air. They may spread along the ground and collect in low or confined areas.

"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.

VI. Accidental Release Measures:

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

Wear vapor respirator, safety goggles, and rubber gloves. Remove sources of ignition (i.e. open flames, sparks). Soak up with inert absorbent material (dry sand or earth recommended; do not use flammable substances such as sawdust). A vapor-suppressing foam may be used to reduce vapors. Dispose according to local, state, and federal regulations.

VII. Handling and Storage:

Precautions to be Taken:

Keep in tightly closed container. Keep cool and dry. Avoid direct sunlight. Avoid all ignition sources (heat, open flame, spark). Avoid incompatible materials. Electrically bond and ground all containers and equipment before transfer or use of material. Use only in well-ventilated areas. Avoid contact with skin, eyes, and clothing. Do not ingest or inhale. Wash thoroughly after handling.

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.



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VIII. Exposure Controls/Personal Protection:

Ventilation Requirements:

Use only in well-ventilated areas.

Personal Protective Equipment:

Safety goggles, gloves, vapor respirator, protective clothing

IX. Physical and Chemical Properties:

Boiling Point: 173.3 F

Melting Point: -90 C

Evaporation Rate (Butyl Acetate = 1): 2.0

Vapor Pressure (mm Hg.): 25

Specific Gravity (H₂O = 1):

Vapor Density (AIR = 1): 1.6

Solubility In Water: Soluble

Appearance and Odor: Clear liquid; pungent odor

Other Information:

X. Stability and Reactivity:

Stability:

Stable. May be sensitive to peroxide formation.

Incompatibility (Materials to Avoid):

Alkali metals, ammonia, oxidizing agents, peroxide; water reactive substances; ignition sources (heat, open flame, spark).
Acetates, acetic anhydride, alcohols + hydrogen cyanide, 2-aminoethanol, hydroxides, carbides, phosphides, acids, 1,1-difluoroethylene, ethylene diamine, ethyleneimine, fluorine, lithium silicide, magnesium boride, mercuric sulfate, oleum, potassium permanganate, b-propiolactone, propylene oxide, silver perchlorate + carbon tetrachloride, sodium, aldehydes, epoxides, metals, ignition sources (heat, open flame, spark)

Decomposition/By Products:

Carbon monoxide and dioxide, hydrogen chloride, flammable hydrogen gas

Hazardous Polymerization:

May occur on contact with aldehydes or epoxides.

XI. Toxicological Information:

May be fatal or cause blindness if ingested. 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.

Corrosive! May be absorbed through the skin. Severe respiratory and digestive tract irritant. Causes skin and eye burns.

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.

Ethanol

RCRA U-Series: waste no. U154 (Ignitable waste)

This material is banned from land disposal according to RCRA.



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XIV. Transport Information:

Keep in tightly closed container. Keep cool and dry. Avoid all ignition sources (heat, open flame, spark). Avoid incompatible materials. Electrically bond and ground all containers and equipment before transfer or use of material. Avoid contact with skin, eyes, and clothing. Avoid ingestion and inhalation. Wash thoroughly after handling.

XV. Regulatory Information:

None available

XVI. Other Information:

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.