M.M.C. International B.V.

SDS – Material Safety Data Sheet

According to 1907/2012/EG

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

1.1 Product identifiers

Product name :	Cocaine/Crack test
Product number :	COC0110
Product type:	Ampoule
Brand :	MMC International

1.2 Relevant identified uses of the substance or mixture

Identified uses :	Presumptive substance testing
Restrictions on use:	This product must not be used in applications other than those listed in Section 1 without first seeking the advice of the supplier.

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 # :	112/911
National Poison Information Centre #:	+3130-2748888

2. Hazards identification

2.1 Classification of the substance or mixture

GHS Classification

Classification according to Regulation (EC) No 1272/2008
Flammable liquids (Category 3), H226
Skin corrosion (Category 1A), H314

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

		R10
C	Corrosive	R35

GHS Label element

Hazard pictograms:

Signal word: Danger

2.2 Label elements
Hazard statement(s)
H226 Flammable liquid and vapour.
H314 Causes severe skin burns and eye damage.

Precautionary statement(s)
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.
P310 Immediately call a POISON CENTER or doctor/ physician.

2.3 Other hazards
This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

3. Composition/information on ingredients

3.1 Mixture:

Component	CAS-No.	EC-No	Concentration
Glycerine	56-81-5	200-289-5	40-60%
Water (distilled)	7732-18-5	231-791-2	40-50%
Acetic acid	64-19-7	200-580-7	5-15%

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

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 and seek medical advice.

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. Seek medical advice.

If swallowed

Wash mouth thoroughly with plenty of water and give water or milk to drink. Do not induce vomiting. (Never give anything by mouth to an unconscious person!) Get medical attention immediately.

4.2 Most important symptoms and effects, both acute and delayed

May cause irritation to eyes, akin and respiratory tract. if inhaled may cause, exhaustion, shortness of breathing, loss of consciousness and asphyxiation. May cause frostbite. May cause irritation of the digestive tract. May cause gastrointestinal irritation with nausea, vomiting and diarrhea. May cause headache.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician: No specific antidote, medical staff contacts Poisons Information Center. All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

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

Special protective equipment for fire fighters: Fire fighters should wear full protective clothing and self-contained breathing apparatus in positive pressure mode.

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

Use personal protective equipment. Ventilate area of spill. Avoid contact with skin, eyes and inhalation of vapors. Remove sources of ignition (i.e. open flames, sparks).

6.2 Environmental precautions

Prevent entry into waterways, sewers, basements or other confined areas.

6.3 Methods and materials for containment and cleaning up

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, vermiculite) and place in container for disposal according to local/International regulations.

7. Handling and storage

7.1 Precautions for safe handling

Handling: Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Wash thoroughly after handling. Avoid all ignition sources (heat, open flame, spark). Hygiene Measures: Eating, drinking and smoking should be prohibited In areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also section 8 for additional information measures.

7.2 Conditions for safe storage, including any incompatibilities

Storage: Keep container tightly closed In a dry and well-ventilated place. Store in cool place. Keep away from oxidizing agents, acids and liquefied or compressed air and oxygen. Keep away from heat, sparks, open flame or any other ignition source. "Empty" containers may contain product residue and may be dangerous. Dispose of according to local, state, and federal regulations.

7.3 Specific end uses: N A

8. Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values:

8.2 Exposure controls

Engineering Measures

Use process enclosures, local exhaust ventilation, or others engineering controls to keep airborne levels below recommend exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Person Protective measures

Respiratory protection: Suitable respirator. Be sure to use an approved/certified or equivalent. Wear appropriate respirator when ventilation is inadequate.

Eye/face protection: Wear protective safety glasses.

Skin protection: Wear appropriate long-sleeved clothing to minimize skin contact.

Hand protection: Wear protective disposable gloves to prevent skin exposure.

Environmental exposure controls: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment may be necessary to reduce emissions to acceptable levels.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance: Pink, clear liquid

Odor: Vinegar
Odor threshold: N/A
pH: N/A
Mailing point/Freezing point: -22.8 °C/ 64°F
Initial boiling point/boiling range: 100 °C/ 212°F
Flash point
Evaporation rate: N/A
Flammability in air: N/A
Upper/lower flammability or explosive limits: N/A
Vapor pressure: N/A
Vapor density: 3,1
Relative Density (Air=1): N/A
Solubility(ies): N/A
Partition coefficient Octanol/Water: N/A
Auto-ignition temperature:
Decomposition temperature: N/A
Viscosity: N/A
Explosive properties: N/A
Oxidizing properties: N/A

9.2 Other Information
N/A

10. Stability and reactivity

10.1 Reactivity:
No specific test data related to reactivity available for this product or its ingredients.

10.2 Chemical stability:
Stable

10.3 Possibility of hazardous reactions
Under normal conditions of storage and use, hazardous reactions will not occur.

10.4 Conditions to avoid
Keep away from heat, open flame and sparks.

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

10.6 Hazardous Decomposition products
Carbon oxides

11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity:

LD50 Oral - Rat - 3.310 mg/kg
LC50 Inhalation - Mouse - 1 h - 5620 ppm
Remarks: Sense Organs and Special Senses (Nose, Eye, Ear, and Taste):Eye:Conjunctive irritation. Sense Organs and Special Senses (Nose, Eye, Ear, and Taste):Eye:Other. Blood:Other changes.
LC50 Inhalation - Rat - 4 h - 11,4 mg/l
LD50 Dermal - Rabbit - 1.112 mg/kg

Irritation:
Eyes - Rabbit
Result: Corrosive to eyes

Corrosivity: N/A

Sensitization: N/A

Repeated dose toxicity: N/A

Carcinogenicity:
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Mutagenicity: N/A

Toxicity for reproduction: N/A

Potential health effects:
Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes, and skin., spasm, inflammation and edema of the larynx, spasm, inflammation and edema of the bronchi, pneumonitis, pulmonary edema, burning sensation, Cough, wheezing, laryngitis, Shortness of breath, Headache, Nausea, Vomiting, Ingestion or inhalation of concentrated acetic acid causes damage to tissues of the respiratory and digestive tracts. Symptoms include: hematemesis, bloody diarrhea, edema and/or perforation of the esophagus and pylorus, pancreatitis, hematuria, anuria, uremia, albuminuria, hemolysis, convulsions, bronchitis, pulmonary edema, pneumonia, cardiovascular collapse, shock, and death. Direct contact or exposure to high concentrations of vapor with skin or eyes can cause: erythema, blisters, tissue destruction with slow healing, skin blackening, hyperkeratosis, fissures, corneal erosion, opacification, iritis, conjunctivitis, and possible blindness., To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

12. Ecological information

12.1 Toxicity
Toxicity to fish
semi-static test LC50 - Oncorhynchus mykiss (rainbow trout) - > 1.000 mg/l - 96 h
(OECD Test Guideline 203)
Toxicity to daphnia and other aquatic invertebrates
EC50 - Daphnia magna (Water flea) - > 300,82 mg/l - 48 h
(OECD Test Guideline 202)

12.2 Persistence and Degradability
Biodegradability
aerobic - Exposure time 30 d
Result: 99 % - Readily biodegradable
Remarks: Expected to be biodegradable

Biochemical Oxygen Demand (BOD)
880 mg/g

12.3 Bioaccumulative potential
N/A

12.4 Mobility in soil
N/A

12.5 Results of PBT and vPvB assessment
This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects
N/A

13. Disposal considerations

13.1 Information on disposal
Product
Dispose in accordance with federal, state and local environmental control regulations.

Packing
Empty containers should be taken for local recycling, recovery or waste disposal.

14. Transport information

14.1 UN Number
ADR/RID, IMDG, IATA:

14.2 Proper shipping name:
ADR/RID:

IMDG:

IATA:

14.3 Transport hazard class(es)
ADR/RID, IMDG, IATA:

14.4 Packing group
ADR/RID, IMDG, IATA:

14.5 Environmental hazard
Marine pollutant:

14.6 Other transport information
ADR/IATA:

15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
EU Directives 67/548/EEC and 1999/45/EC (including amendments)
EU Regulation (EC) No.1907/2006 (REACH)

15.2 Chemical Safety assessment
N/A

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.