



Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

Product identifier:

Identification as on the label/Trade name: MMC LSD Test

Product number: LSD0120

Relevant identification uses of the substance and uses advised against:

Identified uses: Substance testing.

Uses advised against: No other uses are advised.

Details of the supplier of the Safety Data Sheet:

M.M.C. International B.V.
Frankenthalerstraat 16-18
4816 KA Breda, The Netherlands
Phone: +31-76-5711140, Fax: +31-76-5719300
Email: info@mmcinter.com
Website: www.narcotictests.com / narco-sens.eu

Emergency telephone numbers:

24-hour Emergency Contact: 112 / 911
National Poison Information Centre: +31-30-2748888

Section 2: Hazards Identification

Classification of the substances or mixture:

The mixture is classified according to: Regulation EC 1272/2008 [EU-GHS/CLP]

Hazard classes/Hazard categories:

Flammable Liquid (Category 3)
Acute Toxicity (Category 3)
Skin Corrosive (Category 1B)
STOT SE (Category 1)

Hazard Statement:

H226
H301, H311, H331
H314
H370

Label elements:

Hazard pictograms:



Signal Words: Danger.

Hazard Statements:

H226 Flammable liquid and vapour.
H301 Toxic if swallowed.
H311 Toxic in contact with skin.
H314 Causes severe skin burns and eye damage.



H331 Toxic if inhaled.

H370 Causes damage to organs.

Precautionary Statements:

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P260 Do not breathe dusts or mists.

P264 Wash hands thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.

P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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/doctor.

P363 Wash contaminated clothing before reuse.

P403 + P235 Store in a well-ventilated place. Keep cool.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local regulations.

Section 3: Composition/Information on Ingredients

Substance/Mixture: Mixture.

Ingredients:

Substance name (IUPAC/EC)	CAS-No.	Concentration % by weight	SCLs, M-Factors, Acute Toxicity Estimates (ATE)	Classification EC1272/2008
	EC-No.			
Methanol	67-56-1	40-50%	STOT SE 1; H370: C ≥ 10 % STOT SE 2; H371: 3 % ≤ C < 10 %	Flam. Liq. 2 H225 Acute Tox. 3 H301 Acute Tox. 3 H311 Acute Tox. 3 H331 STOT SE 1 H370
	200-659-6			
Orthophosphoric acid	7664-38-2	40-50%	Eye Irrit. 2; H319: 10 % ≤ C < 25 % Skin Corr. 1B; H314: C ≥ 25 % Skin Irrit. 2; H315: 10 % ≤ C < 25 %	Skin Corr. 1BH314
	231-633-2			

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.

Section 4: First-Aid Measures

Description of first aid measures:

If inhaled: Keep patient calm, remove to fresh air, seek medical attention. Fresh air. Delayed effects possible after inhalation. Inform emergency services.

On skin contact: Immediately wash thoroughly with soap and water, seek medical attention. Remove contaminated clothing immediately and clean before re-use or dispose it if necessary.



On contact with eyes: Wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

On ingestion: Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention.

Most important symptoms and effects, both acute and delayed:

Overexposure may cause: headache, dizziness, respiratory disorders, nausea, acidosis, coma, blindness, Further symptoms are possible. Risk of respiratory disorders. Risk of blindness.

Indication of any immediate medical attention and special treatment needed: Symptomatic treatment (decontamination, vital functions). Medical monitoring for at least 24-48 hours.

Section 5: Fire-Fighting Measures

Extinguisher media:

Suitable extinguishing media: Water spray, dry powder, carbon dioxide, alcohol-resistant foam.

Special hazards arising from the substance or mixture: Carbon monoxide, Carbon dioxide. The substances/groups of substances mentioned can be released in case of fire. Vapours may form explosive mixture with air.

Advice for fire-fighters: Wear self-contained breathing apparatus and chemical-protective clothing.

Further information: Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems. If exposed to fire, keep containers cool by spraying with water. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:

Use personal protective clothing. Information regarding personal protective measures, see section 8. Keep unprotected persons away. Ensure adequate ventilation. Avoid all sources of ignition: heat, sparks, open flame. Avoid contact with the skin, eyes and clothing. Avoid inhalation. Take off immediately all contaminated clothing.

Environmental precautions: Discharge into the environment must be avoided. Suppress gases/vapours/mists with water spray jet. Prevent entry into sewage systems, ground and surface waters.

Methods for containment and cleaning up:

Contain with absorbent material (e.g. sand, silica gel, acid binder, general purpose binder, sawdust).

Section 7: Handling and Storage

Precautions for safe handling:

Ensure thorough ventilation of stores and work areas. Handle in accordance with good industrial hygiene and safety practice. Remove contaminated clothing and protective equipment before entering eating areas. Hands and/or face should be washed before breaks and at the end of the shift. When using do not eat, drink or smoke. Adequate extraction of the vapours is necessary when working with open containers. When filling, transferring, or emptying of containers, adequate local exhaust ventilation is necessary.

Conditions for safe storage, including incompatibilities:

Keep container tightly closed in a cool, well-ventilated place. Keep away from sources of ignition - No smoking.



Section 8: Exposure Controls and Personal Protection

Control parameters:

Occupational exposure limits:

CAS No.	Ingredient	Value
7664-38-2	Orthophosphoric acid	8-hour TWA (ACGIH -US / EU): 1 mg/m ³ 15-min STEL (EU ELV): 2 mg/m ³

Exposure controls:

Appropriate engineering controls: Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

Individual protection measures, such as personal protective equipment:

Eye/face protection: Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection: Complete suit protecting against chemicals. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection: Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N99 (US) or type P2 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

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

Section 9: Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance (form): Liquid.

Colour: Colourless.

Odour: Alcohol.

Odour threshold: No data available.

pH (concentration): No data available.

Melting point/range (°C): No data available.

Boiling point/range (°C): No data available.

Flash point (°C): ~27 °C

Evaporation rate: No data available.

Flammability (solid, gas): Flammable liquid and vapour.

Ignition temperature (°C): No data available.

Upper/lower flammability/explosive limits: No data available.

Vapour pressure: No data available.

Vapour density: No data available.

Relative density: No data available.

Water solubility (g/L): Miscible.

n-Octanol/Water partition coefficient: No data available.



Auto-ignition temperature: No data available.

Viscosity, dynamic (mPa.s): No data available.

Section 10: Stability and Reactivity

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

Chemical stability: Stable under recommended storage conditions.

Possibility of hazardous reactions: No data available.

Conditions to avoid: No data available.

Incompatible materials: No data available.

Section 11: Toxicological Information

Information on toxicological effects:

Acute toxicity: Toxic if swallowed, inhaled or in contact with skin.

Methanol, CAS No 67-56-1

Oral route: Adverse effect observed LD50 1 187 mg/kg bw

Inhalation route: Adverse effect observed LC50 43 700 mg/m³

Dermal route: Adverse effect observed LD50 17 100 mg/kg bw

Skin corrosion/irritation: Causes severe skin burns and eye damage.

Serious eye damage/irritation: No data available.

Respiratory or skin sensitization: No data available.

Germ cell mutagenicity: No data available.

Carcinogenicity: No data available.

Reproductive toxicity: No data available.

STOT-single exposure: Causes damage to organs.

STOT-repeated exposure: No data available.

Aspiration hazard: No data available.

Section 12: Ecological Information

Toxicity: No data available.

Persistence and degradability: No data available.

Bioaccumulative potential: No data available.

Mobility in soil: No data available.

Results of PBT& vPvB assessment: No data available.

Section 13: Disposal Considerations

Waste treatment methods: Offer surplus and non-recyclable solutions to a licensed disposal company. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Product/packaging disposal: Dispose of as unused product.



Section 14: Transport Information

Land transport (ADR/RID)

UN number: 3286

Proper shipping name and description: FLAMMABLE LIQUID, TOXIC, CORROSIVE, N.O.S.

Class: 3

Subsidiary risk: 6.1, 8

Packaging group: II

Marine transport (IMDG)

UN number: 3286

Proper shipping name and description: FLAMMABLE LIQUID, TOXIC, CORROSIVE, N.O.S.

Class: 3

Subsidiary risk: 6.1, 8

Packaging group: II

Air transport ICAO/IATA

UN number: 3286

Proper shipping name and description: FLAMMABLE LIQUID, TOXIC, CORROSIVE, N.O.S.

Class: 3

Subsidiary risk: 6.1, 8

Packaging group: II

Section 15: Regulatory Information

EU regulations:

Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I and II, as amended

Not listed.

Regulation (EC) No. 850/2004 on persistent organic pollutants, Annex I

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 1 as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 2 as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 3 as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex V as amended

Not listed.

Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry

Not listed.

Regulation (EC) No. 1907/2006, REACH Article 59(10) Candidate List as currently published by ECHA

Not listed.



Authorisations:

Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended
Not regulated.

Restrictions on use:

Regulation (EC) No. 1907/2006 Annex XVII Substances subject to restriction on marketing and use

Methanol, CAS No 67-56-1

Entry 69: Conditions of restriction Shall not be placed on the market to the general public after 9 May 2019 in windscreen washing or defrosting fluids, in a concentration equal to or greater than 0,6 % by weight.

Directive 2004/37/EC on the protection of workers from the risks related to exposure to carcinogens and mutagens at work

Not regulated.

Directive 92/85/EEC: on the safety and health of pregnant workers and workers who have recently given birth or are breastfeeding.

Methanol, CAS 67-56-1

Other EU regulations:

Directive 2012/18/EU on major accident hazards involving dangerous substances

Not listed.

Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

Always applicable.

Directive 94/33/EC on the protection of young people at work

Methanol, CAS 67-56-1

Orthophosphoric acid, CAS 7664-38-2

Other regulations: The product is classified and labelled in accordance with EC directives or respective national laws. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006, as amended.

National regulations: Follow national regulation for work with chemical agents.

Chemical safety assessment: No Chemical Safety Assessment has been carried out.

Section 16: Other Information

Indication of changes: GHS aligned.

Relevant classification and H statements (number and full text):

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H301 Toxic if swallowed.

H311 Toxic in contact with skin.

H314 Causes severe skin burns and eye damage.

H331 Toxic if inhaled.

H370 Causes damage to organs.

Training instructions: Use as instructed.

Further information: This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.



Safety Data Sheet for MMC LSD Test

According to (EC) Nr. 1907/2006 (REACH)

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Version: 1.20

Notice to readers: Employers should use this information only as a supplement to other information gathered by them and should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees.

This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.