

SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH)



Art. 4520, MX 10 S

Version: 9

Revision date: 05.07.2023

Date of print: 05.07.2023

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

1.1 Product identifier

Identification / trade name: Art. 4520, MX 10 S
REACH registration number: not notifiable

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

Use of the substance / mixture:
Industrial parts cleaner

1.3 Details of the supplier of the safety data sheet

Supplier / Manufacturer: HWR-CHEMIE GmbH
Moosfeldstrasse 7
D-82275 Emmering

Telephone: 0049-8141-51030
Telefax: 0049-8141-510355
E-mail: info@hwr-chemie.de

E-mail (competent person): infoSDB@hwr-chemie.de
Information contact: Laboratory

1.4 Emergency phone

Emergency phone Germany: 0049-8141-51030 (only during office hours)
Emergency phone Austria: 0043 1 406 43 43 (poison information centre)

SECTION 2. Hazards identification

2.1 Classification of the substance or mixture

Regulation (EC) No 1272/2008

Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Chronic 4, H413

2.2 Label elements

Regulation (EC) No 1272/2008

Hazard pictograms



Signal word: Danger.

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Hazard components for labeling

Hydrocarbons

Hazard statements

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H413 May cause long lasting harmful effects to aquatic life.

Precautionary statements

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

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

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P303 + P361 + P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing.

Rinse skin with water/shower.

P501 Dispose of contents/container at hazardous or special waste collection point.

Supplementary Hazard Information

EUH066 Repeated exposure may cause skin dryness or cracking.

2.3 Other hazards

The substances in this mixture do not meet the PBT/vPvB criteria of REACH, annex XIII.

The substances in this mixture do not have any endocrine disrupting properties.

SECTION 3. Composition / information on ingredients

3.1 Substances

This product is a mixture.

3.2 Mixtures

Chemical characterization

Mixture of aliphatic hydrocarbons.

Hazardous ingredients

50 - <75 % Iso-Alkane, C9-13, EG 271-365-3, CAS 68551-16-6, Flam. Liq. 3, H226, Asp. Tox 1, H304

25 - 50 % Hydrocarbons, C4-C12, 1,3-Butadien-free, polymerized, Triisobutylfraction, hydrogenated, EG 297-629-8, CAS 93658-81-5, Flam. Liq. 3, H226; Asp. Tox 1, H304; Aqu. chron. 4, H413

Additional information

Full text of hazard classes and H-phrases: see section 16

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SECTION 4. First aid measures

4.1 Description of first aid measures

- General informations:** In case of persistent symptoms seek medical advice. Remove contaminated clothing. In case of unconsciousness place patient into stable side position for transportation. Never give fluids or induce vomiting if patient is unconscious or is having convulsions.
- In case of inhalation:** Provide affected person with fresh air and seek medical advice depending on the symptoms.
- In case of skin contact:** Contaminated, soaked clothing should be immediately removed. Wash skin thoroughly with soap and water.
- In case of eye contact:** Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.
- In case of ingestion:** Rinse mouth immediately and then drink plenty of water. Do not induce vomiting. Seek medical advice at once. In case of spontaneous vomiting hold the head of the casualty low with the body in a prone position in order to avoid aspiration.

4.2 Most important symptoms and effects, both acute and delayed

Dizziness, headache. Contact with eyes may cause reddening, running eyes and smarting pain. Ingestion may result in nausea and stomach pain. Skin contact may cause irritation.

4.3 Indication of any immediate medical attention and special treatment needed

Symptomatic treatment (decontamination, vital functions), no known specific antidote.

SECTION 5. Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media: Water spray jet / alcohol resistant foam / CO₂ / dry extinguishing powder

Unsuitable extinguishing media: Full water jet.

5.2 Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire.
In case of fire may be liberated: carbon oxides.

5.3 Advice for fire-fighters

Cool closed containers exposed to fire with water spray jet.
Special protective equipment: Wear full protective suit with self-contained breathing apparatus.

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SECTION 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid inhalation and contact with skin and eyes. Wear protection equipment.

6.2 Environmental precautions

Large quantities of spills should be contained by. Do not allow to enter undiluted into surface water or drains.

6.3 Methods and material for containment and cleaning up

Absorb with an absorbent material and dispose of according to local regulations.

6.4 Reference to other sections

Observe protective measures in sections 8 and disposal considerations in section 13.

SECTION 7. Handling and Storage

7.1 Precautions for safe handling

Advices on safe handling

Wear protective clothing. Open carefully and keep container closed when not in use.

Use only in well-ventilated areas or provide local extraction.

Avoid release into the environment.

General hygiene measures:

- Eating, drinking or smoking is prohibited in areas, where work is performed.
- Wash your hands after use.
- Take off contaminated clothing and protective equipment before entering eating areas.

Precautions against fire and explosion

Flammable vapour/air-mixtures may be formed.

Ground/bond container and receiving equipment.

Use only spark-/explosionproof appliances in danger zones.

Take precautionary measures against static discharges.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed in a cool and well-ventilated place. Store locked up.

Storage compatibility and limitations according to TRGS 510 must be observed.

7.3 Specific end uses

Observe product information sheet.

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SECTION 8. Exposure controls / Personal protection

8.1 Control parameters

Workplace exposure limits according to TRGS 900

Substances: Hydrocarbon mixture, C9-C15 Aliphatics

Occupational exposure limit: 600 mg/m³

Top limiting and exceedance factor: 2 (II)

8.2 Exposure controls / Personal protection equipment

Appropriate engineering controls

See section 7. No additional measures necessary.

Personal protection equipment

Respiratory protection: In case of excessive vapours wear a respirator mask filter A2.

Hand protection: Tested gloves with breakthrough time \geq 8 hours made from NBR (0.35 mm) or FKM (0.4 mm)

Eye protection: use safety goggles

Protective clothing: usual work clothes

General health and safety measures

Respect good personal hygiene. Do not drink, eat or smoke while handling.

Environmental exposure controls

See section 6 and 7.

SECTION 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

General information

Physical state:	liquid
Colour:	colourless
Odour:	benzine
pH value (undiluted):	not applicable
Melting point/Freezing point (°C):	< -20
Boiling temperature (°C):	153 - 180
Flashpoint (°C):	approx. 44
Flammability (solid, gas):	not applicable
Lower explosion limit:	not determined
Upper explosion limit:	not determined
Vapour pressure (hPa):	not determined

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