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KISKER BIOTECH GmbH & Co. KG, PF 1329, D-48543 Steinfurt

MATERIAL SAFETY DATA SHEET

REVISED 9th April, 2021

Section 1 - Identification of the preparation and company

Trade name: PAP Pen

Product code: PAP Pen Mini/Regular
MKP-1/MKP-2

Use of substance / prepare :

Marker pen for slide glass to draw water repellent circle

Section 2 - Hazards identification

Hazardous health and Acute Toxicity or Chronic Toxicity:

* This pen contains industrial chemicals, avoid skin contact

GHS pictgrams



Signal word : DANGER

Hazard statements (CLP) :

H225 - Highly flammable liquid and vapour

H304 - May be fatal if swallowed and enters airways

H312 - Harmful in contact with skin

H315 - Causes skin irritation



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- H319 - Causes serious eye irritation
- H332 - Harmful if inhaled
- H335 - May cause respiratory irritation.
- H336 - May cause drowsiness or dizziness
- H351 - May cause cancer
- H360 - May damage fertility or the unborn child
- H362 - May cause harm to breast-fed children
- H373 - May cause damage to organs through prolonged or repeated exposure
- H400 - Very toxic to aquatic life
- H411 - Toxic to aquatic life with long lasting effects

Precautionary statements (CLP) :

- P202 - Do not handle until all safety precautions have been read and understood.
- P210 - Keep away from heat, hot surfaces, open flames, sparks. - No smoking.
- P233 - Keep container tightly closed.
- P235+P403+P410 - Store in a well-ventilated place.
Keep cool. Protect from sunlight.
- P240 - Ground/bond container and receiving equipment.
- P241 - Use explosion-proof electrical/ventilating/lighting/equipment.
- P242 - Use only non-sparking tools.
- P243 - Take precautionary measures against static discharge.
- P260 - Do not breathe dust/fume/gas/mist/vapors/spray.
- P263 - Avoid contact during pregnancy/while nursing.
- P264 - Wash face, hands and any exposed skin thoroughly after handling.
- P270 - Do not eat, drink or smoke when using this product.
- P271 - Use only outdoors or in a well-ventilated area.
- P273 - Avoid release to the environment.
- P280 - Wear eye protection, protective clothing, protective gloves.
- P301+P310 - IF SWALLOWED: Immediately call a doctor.
- P303+P352+P353+P361 - IF ON SKIN (or hair):
Wash with plenty of water. Rinse skin with water/shower.
Take off immediately all contaminated clothing.
- P304+P340 - IF INHALED:
Remove person to fresh air and keep comfortable for breathing.
- P305+P338+P351 - IF IN EYES:



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Remove contact lenses if present and easy to do. Continue rinsing.

Rinse cautiously with water for several minutes.

P308+P313 - If exposed or concerned: Get medical advice/attention.

P312 - Call a POISON CENTER / doctor if you feel unwell.

P313+P332 - If skin irritation occurs: Get medical advice/attention.

P313+P337 - If eye irritation persists: Get medical advice/attention.

P314 - Get medical advice/attention if you feel unwell.

P331 - Do NOT induce vomiting.

P362 - Take off contaminated clothing.

P370+P378 - In case of fire:

Use foam, dry chemical, or carbon dioxide to extinguish.

P391 - Collect spillage.

P405 - Store locked up.

P501 - Dispose of contents/container in accordance with to regional regulation.

Section 3 - Composition / information on ingredients

Toluene	<35%	CAS# 108-88-3
Resin	<35%	CAS# is not available
Solvent naphtha	<30%	CAS# is not available

Section 4 - First-aid measures

* Skin contact:

In case of being contacted the skin, wash thoroughly with soap and water, liquid extremely.

* Eye contact:

Irritating to eye, flush with plenty of water - call a physician.

* If swallowed and emergency procedure

Do NOT induce vomiting, call a poison center/doctor.



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Section 5 – Fire-fighting measures

Suitable extinguishing media:

- * Form, dry chemical, or carbon dioxide

Extinguish Method

- * Fire extinguisher

Section 6 - Accidental release measures

Protect hand with glove and wipe it off with a waste.

Collect in the container which can be sealed.

Do not flush product to drainage facilities. In case of spillage, contain spillage or absorbent material to prevent spilled product from entering sewers or rivers.

For small leaks, absorb with dry chemical absorbent.

When a large amount is leaked, use a pump or vacuum cleaner to suck it in, and then absorb it with a dry chemical absorbent to remove it. If necessary, dig up contaminated soil.

Thoroughly clean contaminated objects and areas in accordance with environmental regulations.

Section 7 - Handling and storage

Handling:

- * Keep away from heat and open flame.
- * Do not remove any parts other than the pen cap.
- * In case of skin contact flush with plenty of water.

Storage:

Keep away from heat and open flame, strong oxidants and small children.

Storage temperature:

25°C



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Section 8 - Exposure controls / personal protection

Use in a well-ventilated place and keep from heat and open flame.
Protect hand with glove.

Section 9 - Physical and chemical properties

physical state: liquid
appearance: light green
odor: fragrance
pH: 5.8

Section 10 - Stability and reactivity

Conditions / substances to avoid:
Stable under normal conditions.
Use in well ventilated area and keep from heat and open flame, strong oxidants

Section 11 - Toxicological information

No information available

Section 12 - Ecological information

Ecotoxicity: Toxic to aquatic life with long lasting effects.
Persistence/degradability: No data available.
Bioaccumulative potential: No data available.
Mobility in soil: No data available.
Hazardous to the ozone layer: This product does not contain any ingredients applicable to the Montreal Protocol.

Section 13 - Disposal considerations

Observe all state and local environmental regulations regarding waste disposal.



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Section 14 - Transport information

IATA ... Not restricted as per IATA DG A.46

Section 15 - Regulatory information

Depends on the laws and ordinances of each country

Section 16 - Other information

GHS classification is conducted according to [JIS Z 7252 (2019)].

The descriptions herein are based on the currently available sources and information but no guarantee is given for its integrity or accuracy.

Responsibility for use of this information in determining the safety handling procedure lies with the user.

History of revision:

1st edition created on 30th June, 2020

end of safety data sheet