



Safety Data Sheet
MX14
Refill Sachets

MSDS No. MX14-a
01st December 2020
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Section 1 - Identification of the substance/preparation and company

1.1 Product identifier: MX14 Refill Sachets

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

For the replenishment of cleaning solution in the MX14 Ink and Stain Remover pens, add sachet contents directly to pen.

For the replenishment of cleaning solution for Multi Surface Cleaner. Add sachet contents into suitable spray applicator bottle and add 500ml of fresh clean water.

Not recommended for use on non colour fast or painted items or surfaces

Not recommended for use on untreated or unsealed items or products

Not intended for application to humans or animals

1.3 Details of the supplier of the safety data sheet:

Mix14 Ltd
Unit 112
Culham No 1 Site
Station Road
Abingdon
Oxfordshire
OX11 7LS.

1.4 Emergency telephone number:

01865 407587 (from outside the UK: +44 1865 407587)
09:00 to 17:00 only

Section 2 - Hazards identification

This product is a mixture

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) 1272/2008

Skin corrosion (Category 2),

H319 Causes serious eye irritation

Skin sensitisation (Category 1),

H317 May cause an allergic skin reaction

Acute toxicity, Oral (Category 4),

H302 harmful if swallowed

Skin irritation (Category 2),

H315 Causes skin irritation

2.2 Label elements

Labelling according to Regulation (EC) 1272/2008 (EU 'CLP' regulation)

Pictogram(s)



Signal word(s)

Warning

Hazard statement(s)

May cause skin burns and eye damage

May cause an allergic skin reaction

Contains:	Potassium hydroxide	CAS No. 1310-58-3
	Limonene	CAS No. 5989-27-5
	Acetic acid	CAS No. 64-19-7



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Precautionary statements(s)

May cause skin irritation, may cause severe eye irritation. Do not drink, if swallowed drink plenty of water, do not induce vomiting if contact with eyes wash with plenty of fresh water.

2.3 Other hazards:

This product does not meet the criteria for classification as PBT or vPvB.

Section 3 - Composition/information on ingredients

3.1 Substances

3.2 Mixtures

Hazardous or dangerous ingredients present above threshold levels:

Component	CAS No.	EC No.	%
Potassium hydroxide	1310-58-3	215-181-3	< 2
<i>Classification according to Regulation (EC) No 1278/2008:</i> Acute toxicity, Oral (Category 4), H302 - Harmful if swallowed Skin irritation (Category 2), H315 - Causes skin irritation Skin sensitisation (Category 1), H317 - May cause an allergic skin reaction			
(R) - (+) - Limonene	5989-27-5	227-813-5	1
<i>Classification according to Regulation (EC) No 1278/2008:</i> Acute toxicity, Oral (Category 4), H302 - Harmful if swallowed Skin irritation (Category 2), H315 - Causes skin irritation Skin sensitisation (Category 1), H317 - May cause an allergic skin reaction			
Acetic acid	64-19-7	200-580-7	1 - 2
<i>Classification according to Regulation (EC) No 1278/2008:</i> Skin irritation (Category 2), H315 - Causes skin irritation Skin sensitisation (Category 1), H317 - May cause an allergic skin reaction			

Substances for which an UK Workplace Exposure Limit exists:

Potassium hydroxide – see data above

Section 4 - First-aid measures

4.1 Description of first aid measures:

General advice

Remove from source of exposure. If medical advice is sought show this safety data sheet to the doctor in attendance

Inhalation

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Seek medical advice.

Ingestion

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Seek medical advice.



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Skin contact

Take off contaminated clothing. Wash off with soap and plenty of water. Seek medical advice if there are prolonged signs of irritation.

Eye contact

Rinse with plenty of water, occasionally lifting upper and lower eyelids. After initial flushing, remove any contact lenses and continue flushing. Seek medical advice.

4.2 Most important symptoms and effects, both acute and delayed:

No specific effects and/or symptoms have been reported or are known.

4.3 Indication of any immediate medical attention and special treatment needed:

None

Section 5 - Fire-fighting measures

5.1 Extinguishing media

All media are suitable

5.2 Special hazards arising from the substances or mixture

The product contains organic chemicals. Combustion products may be irritating or toxic and will include organic decomposition products and carbon monoxide.

5.3 Advice for fire fighters

For a large fire or if there is a possibility of fume inhalation wear self-contained breathing apparatus.

Section 6 - Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Prevent skin and eye contact: use personal protective equipment.
Prevent further leakage if it is safe to do so.

6.2 Environmental precautions

Do not let product enter drains. Discharge into the environment must be avoided

6.3 Methods and material for containment and cleaning up

Soak up with inert absorbent material (sand, diatomaceous earth etc.). Keep in suitable, closed, labelled container. Dispose of as hazardous waste.

6.4 Reference to any other sections

See section 2 for information on hazards

See sections 7 and 8 for information on safe handling of the product

See section 13 for disposal information

Section 7 - Handling and storage

7.1 Precautions for safe handling:

Prevent contact with skin and eyes. Use personal protective equipment if necessary.

Do not heat product – use at room temperature.

Avoid creation or inhalation of vapour or mist. Use in a well ventilated area.

Use water and soap or detergent to wash items that have been in contact with product.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool dry place.



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7.3 Specific end use(s)

As identified in section 1.2

Section 8 - Exposure controls/personal protection

8.1 Control parameters

A UK Workplace Exposure Limit (WEL) exists for:

Potassium Hydroxide: 2 mg/m³ STEL (15 min ref period)
Exposure should not exceed this level.

Derived No (Minimal) Effect Levels – DN(M)ELs

No data available

Predicted No Effect Concentrations – PNECs

No data available

8.2 Exposure controls

Appropriate engineering controls

Follow good industrial hygiene practices. Wash hands after handling product.

Personal protective equipment

If eye contact is likely wear eye protection (box goggles, face shield or safety glasses) approved to EN 166(EU).

If skin contact is likely wear chemically impervious gloves (nitrile rubber) approved to standard EN 374

Section 9 - Physical and chemical properties

9.1 Information on basic physical and chemicals properties:

Appearance:	Yellow Liquid
Odour:	slight odour
Odour threshold:	not applicable
pH:	no data available
Melting point:	no data available
Boiling point:	decomposes
Flash point:	no data available
Evaporation rate:	no data available
Flammability:	not classified as flammable
Upper/lower flammability or explosive limits:	no data available
Vapour pressure:	no data available
Vapour density:	no data available solid)
Relative density:	no data available
Bulk density:	no data available
Solubility in water:	completely soluble (100%)
Solubility in other:	
Ingredients:	no data available.
Partition coefficient:	
Octanol/water:	no data available
Auto-ignition temperature:	no data available
Decomposition temperature:	no data available
Viscosity:	no data available
Explosion properties:	no data available
Oxidising properties:	not oxidising.

9.2 Other information

No additional data available



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Section 10 - Stability and reactivity

10.1 Reactivity

May react with metals. No reactive to plastics commonly used in the transportation, handling and storage of industrial materials.

10.2 Chemical stability

Stable at room temperature.

10.3 Possibility of hazardous reactions

None identified

10.4 Conditions to avoid

Excessive heat.

10.5 Incompatible materials

No data available

10.6 Hazardous decomposition products

Normal combustion products from organic materials.

Section 11 - Toxicological information

11.1 Information on toxicological effects:

Acute toxicity:	Data not available. Not classified as having this hazard.
Skin corrosion / irritation:	Classified as having this hazard based on properties of components.
Serious eye damage / irritation:	Classified as having this hazard based on properties of components.
Respiratory or skin sensitisation:	Data not available. Not classified as having this hazard.
Germ cell mutagenicity:	Data not available. Not classified as having this hazard.
Carcinogenicity:	Data not available. Not classified as having this hazard.
Reproductive toxicity:	Data not available. Not classified as having this hazard.
STOT-single exposure:	Data not available. Not classified as having this hazard.
STOP-repeated exposure:	Data not available. Not classified as having this hazard.
Aspiration hazard:	Data not available. Not classified as having this hazard.

Information on likely routes of exposure: Data not available

Symptoms related to physical, chemical and toxicological characteristics: Data not available

Interactive effects: Data not available

Other information: Data not available

Section 12 - Ecological information

12.1 Toxicity

Classified as non toxic based on properties of components.

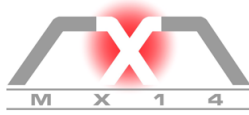
12.2 Persistence and biodegradability

Biodegradability – no data available

Persistence – no data available

12.3 Bioaccumulative potential

No data available



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12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

Not classified as PBT or vPvB

12.6 Other adverse effects

Data not available.

Section 13 - Disposal considerations

13.1 Waste treatment methods

Product

Dispose of as non hazardous waste using a licensed waste disposal company. Follow Directive (EU) 2018/851 and Directive 2008/98/EC on Waste (and national and local implementations of these directives)

Packaging

Packaging not contaminated with product should be recycled if possible.

Packaging contaminated by product should be disposed of as non hazardous waste, as for the product.

Section 14 - Transport information

14.1 UN number

Not Known

14.2 UN proper shipping name

Not Known

14.3 Transport hazard class(s)

Not Known

14.4 Packing group

Not Known

14.5 Environmental hazards

ADR Not Known

RID Not Known

IATA Not Known

IMDG Not Known

14.6 Special precautions for user

Data not available.

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

Data not available.

Section 15 - Regulatory information

This Safety Data Sheet has been prepared in accordance with the requirements of regulation (EC) No 1907/2006 as amended by regulation (EU) 2015/830

The Workplace Exposure Limit(s) given in section 8 has been taken from the UK HSE document 'EH40/2005 Workplace Exposure Limits' as amended.

Relevant regulations:

Regulation (EC) 1272/2008 (EU 'CLP' regulation) and subsequent Adaptations to Technical Progress (ATP) up to and including COMMISSION REGULATION (EU) 2018/669 (ATP 11).



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15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
None.

15.2 Chemical safety assessment
Chemical Safety Assessment has not been undertaken.

Section 16 - Other information

This information is believed to be accurate and represents the best information available to the company at this time. This information is provided as a guide to the hazards and respective safety precautions relevant to this product. This SDS does not represent any guarantee of performance or specification.

History of Document changes:
This is the first issue of a SDS for this product