



Safety Data Sheet  
**MX14**  
**Ink and Stain Remover**

MSDS No. MX14-a  
18<sup>th</sup> September  
2018  
Page 1 of 7

**Section 1 - Identification of the substance/preparation and company**

- 1.1 Product identifier:** MX14 Ink and Stain Remover
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**  
For the removal of ink and stains from inanimate objects.  
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 1), H319 Causes serious eye irritation  
Skin sensitisation (Category 1), H317 May cause an allergic skin reaction  
Chronic aquatic toxicity (Category 1), H400 Toxic to aquatic life

**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
	Triton X100	CAS No. 9002-93-1
	Limonene	CAS No. 5989-27-5
	Acetic acid	CAS No. 64-19-7

Precautionary statements(s)

Wear protective gloves/protective clothing/eye protection/face protection.  
IF IN EYES Rinse cautiously with water for several minutes Remove contact lenses, if present and easy to do. Continue rinsing.  
IF SWALLOWED Rinse mouth. Do NOT induce vomiting.



**Safety Data Sheet**  
**MX14**  
**Ink and Stain Remover**

MSDS No. MX14-a  
18<sup>th</sup> September  
2018  
Page 2 of 7

IF ON SKIN Wash with plenty of soap and water.  
If skin irritation or rash occurs: Get medical advice/attention  
Avoid release to the aquatic environment

**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.	%
<b>Potassium hydroxide</b>	<b>1310-58-3</b>	<b>215-181-3</b>	<b>&lt; 2</b>
<i>Classification according to Regulation (EC) No 1278/2008:</i> Corrosive to metals (Category 1), H290 - May be corrosive to metals. Acute toxicity, Oral (Category 4), H302 - Harmful if swallowed Skin corrosion (Category 1A), H314 - Causes severe skin burns and eye damage.			
<b>Triton X100</b>	<b>9002-93-1</b>		<b>2 - 5</b>
<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 Serious eye damage (Category 1), H318 - Causes serious eye damage Acute aquatic toxicity (Category 1), H400 - Very toxic to aquatic life			
<b>(R) - (+) - Limonene</b>	<b>5989-27-5</b>	<b>227-813-5</b>	<b>1</b>
<i>Classification according to Regulation (EC) No 1278/2008:</i> Flammable liquids (Category 3), H226 - Flammable liquid and vapour Skin irritation (Category 2), H315 - Causes skin irritation Skin sensitisation (Category 1), H317 - May cause an allergic skin reaction Aspiration hazard (Category 1), H304 - May be fatal if swallowed and enters airways. Acute aquatic toxicity (Category 1), H400 - Very toxic to aquatic life			
<b>Acetic acid</b>	<b>64-19-7</b>	<b>200-580-7</b>	<b>1 - 2</b>
<i>Classification according to Regulation (EC) No 1278/2008:</i> Flammable liquids (Category 3), H226 - Flammable liquid and vapour Corrosive to metals (Category 1), H290 - May be corrosive to metals. Skin corrosion (Sub-category 1A), H314 - Causes severe skin burns and eye damage.			

Substances for which an UK Workplace Exposure Limit exists:

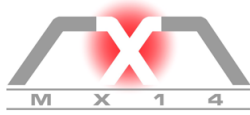
Potassium hydroxide – see data above

**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



**Safety Data Sheet**  
**MX14**  
**Ink and Stain Remover**

MSDS No. MX14-a  
18<sup>th</sup> September  
2018  
Page 3 of 7

**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.

**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.



Safety Data Sheet  
**MX14**  
**Ink and Stain Remover**

MSDS No. MX14-a  
18<sup>th</sup> September  
2018  
Page 4 of 7

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.

**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/m<sup>3</sup> 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**

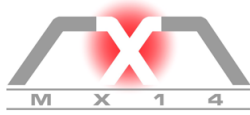
If eye contact is likely wear eye protection (box goggles, face shield or safety glasses) approved to EN 166(EU).

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.



**Safety Data Sheet**  
**MX14**  
**Ink and Stain Remover**

MSDS No. MX14-a  
18<sup>th</sup> September  
2018  
Page 5 of 7

**9.2 Other information**

No additional data available

**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 'Toxic to aquatic life' based on properties of components.

**12.2 Persistence and biodegradability**

Biodegradability – no data available

Persistence – no data available



**Safety Data Sheet**  
**MX14**  
**Ink and Stain Remover**

MSDS No. MX14-a  
18<sup>th</sup> September  
2018  
Page 6 of 7

**12.3 Bioaccumulative potential**

No data available

**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 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 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**

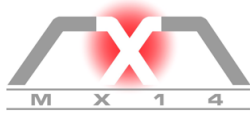
Data not available.

**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:



**Safety Data Sheet**  
**MX14**  
**Ink and Stain Remover**

MSDS No. MX14-a

18<sup>th</sup> September  
2018

Page 7 of 7

---

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).

**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