

Safety Data Sheet

GHS VERSION

Article No.: 24308
Print date 31.03.2016
Version 1.5

STENCIL REMOVER 1:20/1:50
Revision date 08.02.2016
Issue date 26.01.2016

Page 1 / 6



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

1.1. Product identifiers

Article No. (manufacturer/supplier): 24308
Identification of the substance or mixture STENCIL REMOVER 1:20/1:50

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

Relevant identified uses

Stencil production for screen and textile printing
Reserved for industrial and professional use.

1.3. Details of the supplier of the safety data sheet

supplier (manufacturer/importer/downstream user/distributor)

KIWO Inc.
1929 Marvin Circle Telephone: +1 281-474-9777
Seabrook, TX 77586 Telefax: +1 281-474-7325
USA

1.4. Emergency telephone number

Emergency telephone: 1-800-255-3924 / +1 813-248-0573 (ChemTel)

2. Hazards identification

2.1. Classification of the substance or mixture

Classification according to GHS

This mixture is classified as hazardous according to GHS

Skin Corr. 1C / H314

skin corrosion/irritation

Causes severe skin burns and eye damage.

STOT RE 1 / H372

Specific target organ toxicity (repeated exposure)

Causes damage to organs through prolonged or repeated exposure.

2.2. Label elements

The product is classified and labelled according to GHS.

Labelling according to GHS

Hazard pictograms



Danger

Hazard statements

H314

Causes severe skin burns and eye damage.

H372

Causes damage to organs through prolonged or repeated exposure.

Precautionary statements

P260

Do not breathe vapour.

P280

Wear protective gloves and eye/face protection.

P303 + P361 + P353

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P305 + P351 + P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

contains:

sodium metaperiodate

Supplemental Hazard information (EU)

n.a.

2.3. Other hazards

3. Composition / Information on ingredients

3.2. Mixtures

Product description / chemical characterization

Description

Mixture of components, as listed below, with nonhazardous constituents

Hazardous ingredients

Classification according to GHS

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EC No. CAS No. INDEX No.	REACH No. Chemical name classification:	Wt % Remark
232-197-6 7790-28-5	01-2119980983-20 sodium metaperiodate Ox. Sol. 1 H271 / Skin Corr. 1C H314 / Eye Dam. 1 H318 / Aquatic Acute 1 H400 / STOT RE 1 H372	10 - 30
231-639-5 7664-93-9 016-020-00-8	sulphuric acid Skin Corr. 1A H314	1 - 5
233-937-0 10450-60-9	Periodic acid Ox. Sol. 1 H271 / Skin Corr. 1C H314 / Eye Dam. 1 H318 / Aquatic Acute 1 H400 / STOT RE 1 H372	1 - 5

Additional information

Full text of classification: see section 16

4. First-aid measures

4.1. Description of first aid measures

General information

In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness give nothing by mouth, place in recovery position and seek medical advice. In case of irregular breathing or respiratory arrest provide artificial respiration.

Following skin contact

After contact with skin, wash immediately with plenty of water and soap. Remove contaminated, saturated clothing immediately.

After eye contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

After ingestion

Seek medical advice immediately. Do NOT induce vomiting.

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

In all cases of doubt, or when symptoms persist, seek medical advice.

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

5. Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Carbon dioxide Water mist Foam

Extinguishing media which must not be used for safety reasons:

strong water jet

5.2. Special hazards arising from the substance or mixture

Gases/vapours, toxic.

Heating causes rise in pressure with risk of bursting.

5.3. Special protective equipment for firefighters:

Provide a conveniently located respiratory protective device.

Additional information

The danger areas must be delimited and identified using relevant warning and safety signs. Cool closed containers that are near the source of the fire. Do not allow water used to extinguish fire to enter drains, ground or waterways. Treat runoff as hazardous.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Keep away from sources of ignition. Ventilate affected area. Remove persons to safety. Do not breathe vapours. See protective measures under point 7 and 8.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. If the product contaminates lakes, rivers or sewages, inform competent authorities in accordance with local regulations. Provide good ventilation.

6.3. Methods and material for containment and cleaning up

Isolate leaked material using non-flammable absorption agent (e.g. sand, earth, vermiculit, diatomaceous earth) and collect it for disposal in appropriate containers in accordance with the local regulations (see chapter 13).

6.4. Reference to other sections

Observe protective provisions (see chapter 7 and 8).

7. Handling and storage

7.1. Precautions for safe handling

Advices on safe handling

Only use the material in places where open light, fire and other flammable sources can be kept away.

Avoid contact with skin and eyes. Do not inhale vapours or mist.

Do not mix with other chemicals. Spontaneous ignition possible through autoxidation of cloths soaked in the product.

Do not eat, drink or smoke when using this product.

Personal protection equipment: refer to chapter 8. Follow the legal protection and safety regulations.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Keep container tightly closed in a cool, well-ventilated place.

Requirements for storage rooms and vessels

Always keep in containers that correspond to the material of the original container. Ensure adequate ventilation of the storage area.

Hints on joint storage

Spontaneous ignition possible through autoxidation of cloths soaked in the product. Keep away from strongly acidic and alkaline materials as well as oxidizers.

Additional information

VCI-storage class, see Chapter 15

7.3. Specific end use(s)

Observe technical data sheet. Observe instructions for use.

8. Exposure controls / Personal protection

8.1. Control parameters

Occupational exposure limit values:

n.a.

8.2. Exposure controls

Provide good ventilation. This can be achieved with local or room suction. Do not breathe vapour/aerosol.

Personal protection equipment

Respiratory protection

When splashes or fine mist form, a permitted breathing apparatus suitable for these purposes must be used. Observe the wear time limits according to GefStoffV in combination with the rules for using respiratory protection apparatus (BGR 190).

Hand protection

Wear chemical resistant protective gloves.

Eye protection

Wear closed protection glasses.

Protective clothing

Protective clothing Acid-resistant

Protective measures

After contact clean skin thoroughly with water and soap or use appropriate cleanser.

Environmental exposure controls

Do not allow to enter into surface water or drains.

9. Physical and chemical properties

Safety Data Sheet

GHS VERSION

Article No.: 24308
 Print date 31.03.2016
 Version 1.5

STENCIL REMOVER 1:20/1:50
 Revision date 08.02.2016
 Issue date 26.01.2016



Page 4 / 6

9.1. Information on basic physical and chemical properties

Appearance:

Physical state liquid
Colour refer to label
Odour characteristic

Safety relevant basis data

	Method	Remark
Flash point:	n.a.	
Ignition temperature (AIT)	NB	
Lower explosion limit	n.a.	
Upper explosion limit	n.a.	
Vapour pressure at 20 °C:	17.71 mbar	
Density at 20 °C:	1.18 g/cm ³	
Water solubility (g/L)	very soluble	
pH at 20 °C:	1,20	
Viscosity at °C:		
Initial boiling point and boiling range	100 °C (101,3 kPa)	
Decomposition temperature (°C):	0	

9.2. Other information:

10. Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to chapter 7.

10.3. Possibility of hazardous reactions

Keep away from strong acids, strong bases and strong oxidizing agents to avoid exothermic reactions.

10.4. Conditions to avoid

10.5. Incompatible materials

10.6. Hazardous decomposition products

11. Toxicological information

Classification for mixtures and used evaluation method according to GHS

No data on preparation itself available.

11.1. Information on toxicological effects

Acute toxicity

Toxicological data are not available.

skin corrosion/irritation; Serious eye damage/eye irritation

Toxicological data are not available.

Respiratory or skin sensitisation

Toxicological data are not available.

Specific target organ toxicity

Toxicological data are not available.

Aspiration hazard

Toxicological data are not available.

Practical experience/human evidence

Other observations:

Prolonged or repeated contact with the preparation can lead to irritations of mucous membranes and of skin such as redness, formation of blebs, dermatitis, etc.. Splashing may cause eye irritation and reversible damage.

Overall Assessment on CMR properties

The ingredients in this mixture do not meet the criteria for classification as CMR category 1A or 1B according to CLP.

Remark

There is no information available on the preparation itself .

Safety Data Sheet

GHS VERSION

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12. Ecological information

overall evaluation

Classification for mixtures and used evaluation method according to GHS
Do not store at public landfills.

12.1. Toxicity

No information available.

Long-term Ecotoxicity

Toxicological data are not available.

12.2. Persistence and degradability

Toxicological data are not available.

12.3. Bioaccumulative potential

Toxicological data are not available.

Bioconcentration factor (BCF)

Toxicological data are not available.

12.4. Mobility in soil

Toxicological data are not available.

12.5. Results of PBT assessment

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

12.6. Other adverse effects

13. Disposal considerations

13.1. Waste treatment methods

Appropriate disposal / Product Recommendation

packaging

Recommendation

Non-contaminated packages may be recycled. Vessels not properly emptied are special waste.

14. Transport information

14.1. UN number

UN 3264

14.2. UN proper shipping name

Land transport (ADR / RID / DOT):

Corrosive liquid, acidic, inorganic, n.o.s.
(periodic acid)

Sea transport (IMDG):

CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.
(periodic acid)

Air transport (ICAO-TI / IATA-DGR):

Corrosive liquid, acidic, inorganic, n.o.s.
(periodic acid)

14.3. Transport hazard class(es)

8

14.4. Packing group

II

14.5. Environmental hazards

Land transport (ADR/RID)

n.a.

Marine pollutant

n.a.

14.6. Special precautions for user

Transport always in closed, upright and safe containers. Make sure that persons transporting the product know what to do in case of an accident or leakage.

Advices on safe handling: see parts 6 - 8

Additional information

Safety Data Sheet

GHS VERSION

Article No.: 24308
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STENCIL REMOVER 1:20/1:50
Revision date 08.02.2016
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Page 6 / 6

Land transport (ADR/RID)

tunnel restriction code

-

Sea transport (IMDG)

EmS-No.

F-A, S-Q

Segregation group

IMDG Code segregation group 1 - acids

Packaging >30 l

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

not applicable

15. Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU legislation

Observe in addition any national regulations!

calculated with mixing rule

Substance/product listed in the following inventories:

Listed in TOXIC SUBSTANCES CONTROL ACT (TSCA)

15.2. Chemical Safety Assessment

Chemical safety assessments for substances in this preparation were not carried out.

16. Other information

Full text of classification in section 3:

Ox. Sol. 1 / H271

Oxidising solids

May cause fire or explosion; strong oxidiser.

Skin Corr. 1C / H314

skin corrosion/irritation

Causes severe skin burns and eye damage.

Eye Dam. 1 / H318

Serious eye damage/eye irritation

Causes serious eye damage.

Aquatic Acute 1 / H400

Hazardous to the aquatic environment

Very toxic to aquatic life.

STOT RE 1 / H372

Specific target organ toxicity (repeated exposure)

Causes damage to organs (or state all organs affected, if known) through prolonged or repeated exposure (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).

Skin Corr. 1A / H314

skin corrosion/irritation

Causes severe skin burns and eye damage.

Additional information

Classification for mixtures and used evaluation method according to GHS

The information supplied on this safety data sheet is correct to the best of our knowledge. Without written approval, the product must not be used for purposes different from those mentioned in chapter 1. It is always the user's duty to take any necessary measures for meeting the requirements laid down by local rules and regulations. The details in this safety data sheet describe the safety requirements of our product and are not to be regarded as guaranteed attributes of the product.