Tableau Mould & Mildew Remover

SAFETY DATA SHEET

Mould & Mildew Remover

According to Regulation (EC) No 1907/2006, Annex II, as amended by Regulation (EU) No 453/2010

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

1.1.Product identifier

Product name	Mould and Mildew Remover
Product number	HBP 022

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

Identified uses	Kills and removes mildew stains.
Uses advised against	No specific uses advised against are identified.

1.3.Details of the supplier of the safety data sheet

Supplier

RPM Marketing (Sussex)
PO Box 1
BEXHILL ON SEA
East Sussex
TN39 3ZQ

Tel +44 (0)1424 224620

info@tableauproducts.com

.4.Emergency telephone number

Emergency telephone 01424 575131 Ext 4 Office Hours (Mon- Fri 9am-5pm) only.

SECTION 2: Hazards identification

2.1.Classification of the substance or mixture

Classification

Physical hazards

Not Classified

Health hazards

Skin Irrit. 2 - H315 Eye Irrit. 2 - H319

Environmental hazards

Not Classified

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Classification (67/548/EEC or 1999/45/EC)

Xi; R36/38

2.2.Label elements

Pictogram

Signal word Warning

Mould & Mildew Remover

Hazard statements

H315 Causes skin irritation.

H319 Causes serious eye irritation.

Precautionary statements

P102 Keep out of reach of children.

P264 Wash contaminated skin thoroughly after handling.
P280 Wear protective gloves.
P302+P352 IF ON SKIN: Wash with plenty of water.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Supplemental label information

EUH206 Warning! Do not use together with other products. May release dangerous gases (chlorine).

Contains Sodium hypochlorite, solution 14 % Cl active

Detergent labelling < 8% chlorine-based bleaching agents,

Supplementary precautionary statements

P332+P313 If skin irritation occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.

2.3.Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2.Mixtures

Sodium hypochlorite, solution 14 % Cl active CAS number: 7681-52-9 EC number: 231-668-3 M factor (Acute) = 10	0.5 - 8%
Classification Skin Corr. 1B - H314 Eye Dam. 1 - H318 Aquatic Acute 1 - H400	Classification (67/548/EEC or 1999/45/EC) C; R34. N; R50. R31
The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.	

SECTION 4: First aid measures

4.1.Description of first aid measures

Inhalation

Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.

Ingestion

Rinse mouth thoroughly with water. Give plenty of water to drink. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.

Skin contact

Wash skin thoroughly with soap and water.

Eye contact

Remove any contact lenses and open eyelids wide apart. Continue to rinse.

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

Inhalation

Irritation of nose, throat and airway.

Ingestion

May cause discomfort if swallowed. May cause stomach pain or vomiting.

Skin contact

Skin irritation.

Eye contact

Irritation of eyes and mucous membranes. Prolonged contact may cause redness and/or tearing.

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

Notes for the doctor

The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

SECTION 5: Firefighting measures

5.1.Extinguishing media

Suitable extinguishing media

Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.

Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

5.2.Special hazards arising from the substance or mixture

Hazardous combustion products

Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Toxic gases or vapours.

5.3.Advice for fire fighters

Special protective equipment for firefighters

Use protective equipment appropriate for surrounding materials.

SECTION 6: Accidental release measures

6.1.Personal precautions, protective equipment and emergency procedures

Personal precautions

Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact with eyes and prolonged skin contact.

6.2.Environmental precautions

Environmental precautions

Avoid discharge into drains or watercourses or onto the ground.

6.3.Methods and material for containment and cleaning up

Methods for cleaning up

Absorb in vermiculite, dry sand or earth and place into containers. Containers with collected spillage must be properly labelled with correct contents and hazard symbol.

6.4.Reference to other sections

Reference to other sections

See Section 11 for additional information on health hazards. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1.Precautions for safehandling

Usage precautions

Read and follow manufacturer's recommendations.

Advice on general occupational hygiene

Avoid contact with eyes and prolonged skin contact.

7.2.Conditions for safe storage,including any incompatibilities

Storage precautions

Store in a cool and well-ventilated place.

7.3.Specific end use(s)

Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1.Exposure controls

Eye/face protection

Wear chemical splash goggles.

Hand protection

The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected.

Hygiene measures

No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.

SECTION 9: Physical and Chemical Properties

9.1.Information on basic physical and chemical properties

Appearance

Liquid.

Colour

Yellowish.

Odour

Characteristic.

Odour threshold

Not determined.

pH

pH (concentrated solution): 12.4 - 12.8

Melting point

Not relevant.

Initial boiling point and range

Not determined.

Flash point

Not determined.

Evaporation rate

Not determined.

Evaporation factor

Not determined.

Flammability (solid, gas)

Not relevant.

Upper/lower flammability or explosive limits

Not relevant.

Vapour pressure

Not determined.

Vapour density

Not relevant.

Relative density

1.037 @ 21°C/70°F

Bulk density

Not determined.

Partition coefficient

Not determined.

Auto-ignition temperature

Not relevant.

Decomposition Temperature

Not relevant.

Viscosity

Not determined.

Explosive properties

Not considered to be explosive.

Oxidising properties

The mixture itself has not been tested but none of the ingredient substances meet the criteria for classification as oxidising.

9.2.Other information

Other information

No information required.

SECTION 10: Stability and reactivity

10.1.Reactivity

There are no known reactivity hazards associated with this product.

10.2.Chemical stability

Stability

Stable at normal ambient temperatures and when used as recommended.

10.3.Possibility of hazardous reactions

Will not polymerise.

10.4.Conditions to avoid

Avoid excessive heat for prolonged periods of time.

10.5.Incompatible materials

Materials to avoid

No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6.Hazardous decomposition products

None at ambient temperatures. Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Oxides of nitrogen.

SECTION 11: Toxicological information

11.1.Information on toxicological effects

Acute toxicity-oral

Based on available data the classification criteria are not met.

ATE oral (mg/kg)

59,977.45208568

Acute toxicity-dermal

Based on available data the classification criteria are not met.

Acute toxicity-inhalation

Based on available data the classification criteria are not met.

Skin corrosion/irritation

Animal data

Skin Irrit. 2 - H315

Serious eye damage/irritation

Eye Irrit. 2 - H319

Respiratory sensitisation

Based on available data the classification criteria are not met.

Skin sensitisation

Based on available data the classification criteria are not met.

Germ cell mutagenicity

Genotoxicity - in vitro

Based on available data the classification criteria are not met.

Genotoxicity - in vivo

Based on available data the classification criteria are not met.

Carcinogenicity

Based on available data the classification criteria are not met.

Reproductive toxicity

Reproductive toxicity - fertility

Based on available data the classification criteria are not met.

Reproductive toxicity - development

Based on available data the classification criteria are not met.

Specific target organ toxicity–single exposure

STOT - single exposure

Based on available data the classification criteria are not met.

Specific target organ toxicity–repeated exposure

STOT - repeated exposure

Based on available data the classification criteria are not met.

Aspiration hazard

Not anticipated to present an aspiration hazard, based on chemical structure.

Toxicological information on ingredients.

Sodium hypochlorite,solution 14%Cl active

Acute toxicity-oral

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Acute toxicity oral (LD50 mg/kg)

8,830.0

Species

Rat

REACH dossier information. Based on available data the classification criteria are not met.

ATE oral (mg/kg)

8,830.0

Acute toxicity-dermal

Acute toxicity dermal (LD50 mg/kg)

20000.0

Species

Rabbit

REACH dossier information. Based on available data the classification criteria are not met.

ATE dermal (mg/kg)

20000.0

Acute toxicity-inhalation

Based on available data the classification criteria are not met.

Skin corrosion/irritation

Animal data

Dose: 5.3%, 4 hours, Rabbit Primary dermal irritation index: 1.2 Dose: 0.5 ml (12.5%), 24 hours, Rabbit Erythema/eschar score: Well defined erythema (2). Oedema score: Very slight oedema - barely perceptible (1). REACH dossier information. Corrosive to skin.

Serious eye damage/irritation

Dose: 0.1 g, 1 second, Rabbit REACH dossier information. Corrosivity to eyes is assumed.

Skin sensitisation

Buehler test - Guinea pig: Not sensitising. REACH dossier information.

Germcellmutagenicity

Genotoxicity - in vitro

Chromosome aberration: Negative. REACH dossier information.

Genotoxicity - in vivo

Chromosome aberration: Negative. REACH dossier information.

Carcinogenicity

NOAEL > 13.75 mg/kg/day, Oral, Rat REACH dossier information.

IARC carcinogenicity

IARC Group 3 Not classifiable as to its carcinogenicity to humans.

Reproductive toxicity

Reproductive toxicity - fertility

One-generation study - NOAEL > 5 mg/kg/day, Oral, Rat P REACH dossier information.

Reproductive toxicity - development

Teratogenicity: - NOAEL: >=5.7 mg/kg/day, Oral, Rat REACH dossier information.

Specific target organ toxicity–repeated exposure

STOT - repeated exposure

LOAEL 100 mg/kg/day, Oral, Rat REACH dossier information.

Aspiration hazard

Not anticipated to present an aspiration hazard, based on chemical structure.

SECTION 12: Ecological Information

12.1.Toxicity

Not considered toxic to fish.

Ecological information on ingredients.

Sodium hypochlorite, solution 14%Cl active

Acute aquatic toxicity

$LE(C)_{50}$

0.01 < L(E)C50 ≤ 0.1

M factor (Acute)

10

Acute toxicity - fish

LC_{50}, 96 hours: 0.032 mg/l, Oncorhynchus kisutch (Coho salmon) REACH dossier information.

Acute toxicity - aquatic invertebrates

EC_{50}, 48 hours: 0.141 mg/l, Daphnia magna REACH dossier information.

Acute toxicity - microorganisms

EC_{50}, 3 hours: > 3 mg/l, Activated sludge REACH dossier information.

Acute toxicity - terrestrial

NOEC, 10 days: 200 mg/l, Coturnix coturnix japonica (Japanese quail) REACH dossier information.

Chronic toxicity - fish early life stage

NOEC, 28 days: 0.04 mg/l, Menidia peninsulae (Tidewater silverside) REACH dossier information.

Chronic toxicity - aquatic invertebrates

NOEC, 15 days: 0.007 mg/l, Freshwater invertebrates REACH dossier information.

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Ecological information on ingredients.

Sodium hypochlorite, solution 14%Cl active

Phototransformation

Air - DT_{50} : 114.6 days Estimated value. Water - DT_{50} : 12 minutes REACH dossier information.

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12.2.Bio accumulative potential

No data available on bioaccumulation.

Partition coefficient

Not determined.

Ecological information on ingredients.

Sodium hypochlorite, solution 14%Cl active

Partition coefficient

Partition coefficient

log Pow: 2.414 REACH dossier information.

12.3.Mobility in soil

Mobility

The product is soluble in water.

Ecological information on ingredients.

Sodium hypochlorite, solution: 14%Cl active

Henry's law constant

0.076 @ 20°C Estimated value. REACH dossier information.

Surface tension

82.4 mN/m @ 20°C REACH dossier information.

12.4.Results of PBTand vPvB assessment

This product does not contain any substances classified as PBT or vPvB.

12.5.Other adverse effects

Not relevant.

SECTION 13: Disposal considerations

13.1.Waste treatment methods

General information

Dispose of waste product or used containers in accordance with local regulations

SECTION 14: Transport information

Mould & Mildew Remover

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1.UN number

Not applicable.

14.2.UN proper shipping name

Not applicable.

14.3.Transport hazard class(es)

No transport warning sign required.

14.4.Packing group

Not applicable.

14.5.Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6.Special precautions for user

Not applicable.

14.7.Transport in bulk according to AnnexII of MARPOL73/78 and the IBC Code

Not applicable.

SECTION 15: Regulatory information

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

National regulations

EH40/2005 Workplace exposure limits.

EU legislation

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended). Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents (as amended)

15.2.Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Classification procedures according to Regulation (EC) 1272/2008

Eye Irrit. 2 - H319, Skin Irrit. 2 - H315: Calculation method.

Revision comments

Classification according to CLP Annex I.

Revision date	01/04/2014
Revision	7
Supersedes date	01/03/2014
SDS number	120

Risk phrases in full

Mould & Mildew Remover

R11 Highly flammable.
R20 Harmful by inhalation.
R34 Causes burns.
R35 Causes severe burns.
R36/38 Irritating to eyes and skin.
R38 Irritating to skin.
R41 Risk of serious damage to eyes.
R50 Very toxic to aquatic organisms.
R68/20/21/22 Harmful: possible risk of irreversible effects through inhalation, in contact with skin and if swallowed.

Hazard statements in full

H228 Flammable solid.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H371 May cause damage to organs .
H400 Very toxic to aquatic life.

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