

SAFETY DATA SHEET

CARBON REMOVER

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

1.1. Product identifier

Product name Tableau Carbon Remover
Product number TCR

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

Identified uses CLEANING OF OVENS

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 01424 224620
 info@tableauproducts.com

1.4. Emergency telephone number 01424 575131 Ext 5 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 Corr. 1A - H314 Eye Irrit. 2 - H319

Environmental hazards

Not Classified

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

C;R35.

2.2. Label elements

Pictogram



Signal word Danger

Hazard statements

H314 Causes severe skin burns and eye damage.
H319 Causes serious eye irritation.

Precautionary statements

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P260 Do not breathe vapour/spray.
 P264 Wash contaminated skin thoroughly after handling.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
 P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P310 Immediately call a POISON CENTER/doctor.
 P321 Specific treatment (see medical advice on this label).
 P337+P313 If eye irritation persists: Get medical advice/attention.
 P363 Wash contaminated clothing before reuse.
 P405 Store locked up.
 P501 Dispose of contents/container in accordance with national regulations.

Contains

SODIUM HYDROXIDE

2.3. Other hazards**SECTION 3: Composition/Information on ingredients****3.2. Mixtures**

SODIUM HYDROXIDE CAS number: 1310-73-2 EC number: 215-185-5	10-30%
Classification Met. Corr. 1 - H290 Skin Corr. 1A - H314	Classification (67/548/EEC or 1999/45/EC) C;R35
TETRASODIUM, ETHYLENEDIAMINETETRAACETATE CAS number: — EC number: 200-573-9	1-5%
Classification Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Dam. 1 - H318	Classification (67/548/EEC or 1999/45/EC) Xn;R20/22. Xi;R38,R41.
Tallowbis(2-hydroxyethyl)amine oxide CAS number: 61791-46-6 EC number: —	1-5%
Classification Not Classified	Classification (67/548/EEC or 1999/45/EC) Xi;R38,R41. N;R50.
BETA-ALANINE,N-(2-CARBOXYETHYL)-N-COCO ALKYL DERIVATIVE CAS number: 90170-43-7 EC number: 290-476-8	1-5%
Classification Not Classified	Classification (67/548/EEC or 1999/45/EC) Xi;R36.

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ALKYL AMIDO PROPYL DIMETHYLAMINE BETAINE		<1%
CAS number: 61789-40-0 EC number: 263-058-8		
Classification Eye Dam. 1 - H318	Classification (67/548/EEC or 1999/45/EC) Xi;R41.	
ALKYL POLY GLUCOSIDE		<1%
CAS number: 122-99-6 EC number: 204-589-7		
Classification Not Classified	Classification (67/548/EEC or 1999/45/EC) Xi;R41.	

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 at once. If breathing stops, provide artificial respiration. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Get medical attention.

Ingestion

Do not induce vomiting. Never give anything by mouth to an unconscious person. Do not induce vomiting. Remove affected person from source of contamination. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention immediately.

Skin contact

Remove affected person from source of contamination. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention.

Eye contact

Remove any contact lenses and open eyelids wide apart. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Continue to rinse for at least 15 minutes and get medical attention.

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

General information

Chemical burns must be treated by a physician.

Inhalation

Severe irritation of nose and throat.

Ingestion

May cause chemical burns in mouth and throat.

Skin contact

Burns can occur.

Eye contact

Irritation, burning, lachrymation, blurred vision after liquid splash.

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

Notes for the doctor

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

The product is non-combustible. Use fire-extinguishing media suitable for the surrounding fire.

5.2. Special hazards arising from the substance or mixture

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Hazardous combustion products

Fire creates: Thermal decomposition or combustion products may include the following substances: Corrosive gases or vapours. Caustic Alkalies

5.3. Advice for firefighters

Protective actions during firefighting

Avoid breathing fire gases or vapours.

Special protective equipment for firefighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

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.

6.2. Environmental precautions

Environmental precautions

Do not discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up

Stop leak if possible without risk. DO NOT touch spilled material! Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Avoid contamination of ponds or watercourses with washing down water.

6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions

Avoid spilling. Avoid contact with skin and eyes.

7.2. Conditions for safe storage, including any incompatibilities

Storage class

Corrosive storage.

7.3. Specific end use(s)

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

SODIUM HYDROXIDE

Long-term exposure limit (8-hour TWA): WEL

Short-term exposure limit (15-minute): WEL 2 mg/m³

WEL = Workplace Exposure Limit

Ingredient comments

OES = Occupational Exposure Standard.

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TETRASODIUM, ETHYLENEDIAMINETETRAACETATE

DNEL	Industry - Inhalation; Long term systemic effects: 2.5 mg/m ³ Industry - Dermal; Long term systemic effects: 1.5 mg/m ³ Industry - Oral; Long term systemic effects: 25 mg/kg/day
PNEC	Industry - (diethyl ether = 1); Long term 2.2 mg/l Industry - Marine water; Long term 0.22 mg/l Industry - Intermittent release; Long term 1.2 mg/l Industry - STP; Long term 43 mg/l Industry - Soil; Long term 0.72 mg/l

8.2. Exposure controls

Protective equipment



Eye/face protection

The following protection should be worn: Full face visor or shield.

Hand protection

Use full length gloves.

Other skin and body protection

Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures

Do not smoke in work area. Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance

Clear liquid.

Colour

Red.

Odour

No characteristic odour.

Relative density

1.220 - 1.240 @ 20°C

Solubility(ies)

Miscible with water.

Viscosity

2000 cP @ 20°C

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

Reacts violently with strong acids.

10.2. Chemical stability

Stability

Stable at normal ambient temperatures.

10.3. Possibility of hazardous reactions

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Gives off Hydrogen by reaction with base metals such as zinc and aluminium. Exothermic reaction with water and with acids.

10.4. Conditions to avoid

Avoid contact with acids.

10.5. Incompatible materials

Materials to avoid

Strong acids. Alkaline earth metals.

10.6. Hazardous decomposition products

Irritating fumes carried by fire

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects

No information available.

Acute toxicity - inhalation

ATE inhalation (vapours mg/l)

743.24324324

Inhalation

No significant hazard at normal ambient temperatures. Heating may generate the following products: Corrosive gases or vapours.

Ingestion

May cause chemical burns in mouth, oesophagus and stomach.

Skin contact

Causes severe burns.

Eye contact

Causes severe burns.

SECTION 12: Ecological Information

Ecotoxicity

Harmful to aquatic organisms, May cause long-term adverse affects in the aquatic environment.

12.1. Toxicity

No information available

12.2. Persistence and degradability

Persistence and degradability

The product contains inorganic substances which are not biodegradable.

12.3. Bioaccumulative potential

Not expected to bioaccumulate

12.4. Mobility in soil

Mobility

The product is soluble in water.

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

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SECTION 14: Transport information

General Wear protective clothing as described in Section 8 of this safety data sheet.

14.1. UN number

UN No. (ADR/RID)	1824
UN No. (IMDG)	1824
UN No. (ICAO)	1824

14.2. UN proper shipping name

Proper shipping name (ADR/RID)	SODIUM HYDROXIDE SOLUTION
Proper shipping name (IMDG)	SODIUM HYDROXIDE SOLUTION
Proper shipping name (ICAO)	SODIUM HYDROXIDE SOLUTION
Proper shipping name (ADN)	SODIUM HYDROXIDE SOLUTION

14.3. Transport hazard class(es)

ADR/RID class	8
ADR/RID label	8
IMDG class	8
ICAO class/division	8

Transport labels



14.4. Packing group

ADR/RID packing group	II
IMDG packing group	II
ICAO packing group	II

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Emergency Action Code	2X
Hazard Identification Number (ADR/RID)	80
Tunnel restriction code	(E)

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

SECTION 15: Regulatory information

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

15.2. Chemical safety assessment

SECTION 16: Other information

General information

This information is given in good faith and is based upon current available data. The suitability of this product for any particular use is not suggested. The user must determine if the product is correct for any particular application. This document is not a

CARBON REMOVER

specification. Conforms to 1907/2006/EC

Revision date 31/03/2015

Revision 01

SDS number 355MX

Risk phrases in full

R20/22 Harmful by inhalation and if swallowed.

R35 Causes severe burns.

R36 Irritating to eyes.

R38 Irritating to skin.

R41 Risk of serious damage to eyes.

R50 Very toxic to aquatic organisms.

Hazard statements in full

H290 May be corrosive to metals.

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.