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

1.1. Product identifier

Tikalflex CW

CAS No.: -
EC No.: -
INDEX No.: -
REACH No.: -

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

Relevant identified uses: cleaning cloth
Uses advised against: Other

1.3. Details of the supplier of the safety data sheet

Manufacturer

Tikal Marine Systems GmbH

Werkstrasse 6
D 22844 Norderstedt

Telephone: +49 40 526 30 60 3

Telefax: +49 40 526 30 60 5

Supplier (manufacturer/importer/only representative/downstream user/distributor)

Tikal Marine Systems GmbH

Werkstrasse 6
D 22844 Norderstedt

Telephone: +49 40 526 30 60 3

Telefax: +49 40 526 30 60 5

Information contact

Tikal Marine Systems GmbH

Information telephone: +49 40 526 30 60 3

Information telefax: +49 40 526 30 60 5

E-mail (competent person): info@tikal-online.de

Website: <http://www.tikal-online.com>

National contact

Tikal Marine Systems GmbH

Information telephone: +49 40 526 30 60 3

Information telefax: +49 40 526 30 60 5

E-mail (competent person): info@tikal-online.de

Website: <http://www.tikal-online.com>

Dept. responsible for information:

Tikal Marine Systems GmbH

1.4. Emergency telephone number

Tikal Marine Systems GmbH

Telephone: +49 40 526 30 60 3

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008: -

2.2. Label elements

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms:

Signal word: -

Hazard statements: -

Precautionary statements: 102 Keep out of reach of children.
210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
281 Use personal protective equipment as required.
305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

2.3. Other hazards

This mixture is classified as not hazardous according to Regulation (EC) 1272/2008 [GHS].
The preparation is not dangerous in the sense of Directive 1999/45/EC.

SECTION 3: Composition / information on ingredients

3.1. Substances

3.2. Mixtures

SVWB

Composition/information on ingredients

Substance:	EC-no.:	CAS-No.:	INDEX no.:	REACH-no.:	Concentration:	Classification: EC 1272/2008(CLP):
-						

Substance with a common (EC) occupational exposure limit value

Substance:	EC-no.:	CAS-No.:	INDEX no.:	REACH-no.:	Concentration:	Classification: EC 1272/2008(CLP):
-						

(Full text of H- and EUH-phrases: see section 16.)

Additional information

none

SECTION 4: First aid measures

4.1. Description of first aid measures

General information: In case of accident or if you feel unwell, seek medical advice immediately (show safety data sheet if possible).

Following inhalation: No special measures are necessary.
Seek medical attention if problems persist.

- Following skin contact:** No special measures are necessary.
In case of skin irritation, seek medical treatment.
- After eye contact:** No special measures are necessary.
In case of eye irritation consult an ophthalmologist.
- After ingestion:** Rinse mouth immediately and drink large quantities of water.
Seek medical attention if problems persist.

Self-protection of the first aider: No special measures are necessary.

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

Symptoms: No symptoms known up to now.

Nature of Hazard: No risks worthy of mention.

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

Notes for the doctor: No special measures are necessary.

Special treatment: No special measures are necessary.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Water fog.
High power water jet.
Carbon dioxide (CO₂).
Foam.
Dry extinguishing powder.

Unsuitable extinguishing media: none

5.2. Special hazards arising from the substance or mixture

none

5.3. Advice for firefighters

General information

Extinguishing materials should be selected according to the surrounding area.

Special protective equipment for firefighters:

none

Additional information

none

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No special measures are necessary.

6.2. Environmental precautions

No special environmental protection measures are necessary.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
Treat the assimilated material according to the section on waste disposal.

6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advices on safe handling

No special precautionary measures are necessary.

Technical measures

No special technical protective measures are necessary.

Precautions against fire and explosion

No special fire protection measures are necessary.

Additional information

none

7.2. Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

No special technical protective measures are necessary.

Packaging materials

Keep/Store only in original container.

Requirements for storage rooms and vessels

none

Hints on joint storage

Keep away from food, drink and animal feedingstuffs.

Storage class: 10-13

Further information on storage conditions

none

7.3. Specific end use(s)

none

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

occupational exposure limit value

Substance:	CAS-No.:	Source:	Occupational exposure limit value:	Limitation of exposure peaks:	Remark:
-					

Substance with a common (EC) occupational exposure limit value

Substance:	CAS-No.:	Source:	Occupational exposure limit value:	Limitation of exposure peaks:	Remark:
-					

DNEL-/PNEC-values

DNEL value

Substance:	CAS-No.:	DNEL/DMEL	Industry	Professional	consumer

PNEC Value

Substance:	CAS-No.:	PNEC	Worker, industry	Worker, professional	consumer

Risk management measures according to used control banding approach

none

Additional information

Does not contain substances above concentration limits fixing an occupational exposure limit.

8.2. Exposure controls

Occupational exposure controls

none

General protection and hygiene measures

Do not eat, drink, smoke or sneeze at the workplace.
Wash hands before breaks and at the end of work.
Apply skin care products after work.
Wash contaminated clothing prior to re-use.

Personal protection equipment

none

Respiratory protection

Respiratory protection not required.

Hand protection

Hand protection: not required.

Eye/face protection

Eye protection: not required.

Body protection

Skin protection: not required.

Environmental exposure controls

refer to chapter 7. No further action is necessary.

Consumer exposure controls

refer to chapter 7. No further action is necessary.

Exposure Scenario

none

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state: impregnated cleaning cloth
according to product specification

Colour:

Odour: Perfumes, fragrances

Odour threshold: No data available

Safety relevant basis data

	parameter	unit	remark
Density:	1,01 +- 0,01	g /cm ³	
Bulk density:			No data available
pH:	6.9 +- 0,7		
Melting point/freezing point:			not applicable
Initial boiling point and boiling range:			not applicable
Flash point:	>= 43	oC	
Flammability (solid, gas):			No data available
Explosivity:			No data available
Lower explosion limit:			No data available
Upper explosion limit:			No data available
Ignition temperature:			No data available
Decomposition temperature:			No data available
Oxidizing potential:			No data available
Vapour pressure:	23	hPa	
Vapour density:			No data available
Evaporation rate:			No data available
Water solubility:			No data available
Fat solubility:			No data available
Soluble in:	:		No data available
Partition coefficient: n-octanol/water:			No data available
Viscosity:			No data available

Solvent separation test:
Solvent content:

No data available
No data available

9.2. Other information

none

SECTION 10: Stability and reactivity

10.1. Reactivity

none

10.2. Chemical stability

With proper storage and handling the product is stable.

10.3. Possibility of hazardous reactions

none

10.4. Conditions to avoid

This material is combustible and can be ignited by heat, sparks, flames, or other sources of ignition (e.g. static electricity, pilot lights, or mechanical/electrical equipment).

10.5. Incompatible materials

none

10.6. Hazardous decomposition products

No data available

Additional information

none

SECTION 11: Toxicological information

11.1. Information on toxicological effects

none

Acute toxicity

Substance:	CAS-No.:	Toxicological information
-		

Specific symptoms in laboratory animals

none

Irritation and etching

Irritant effect on the skin
Not an irritant.

Irritant effect on the eye
mild irritant.

Irritant effect on the respiratory tract
Not an irritant.

Additional information
not corrosive

Sensitization

no danger of sensitization.

Repeated dose toxicity (subacute, subchronic, chronic)

No risks worthy of mention.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

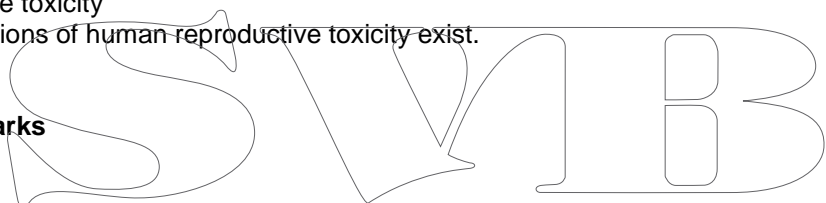
Carcinogenicity
No indications of human carcinogenicity exist.

Germ cell mutagenicity
No indications of human germ cell mutagenicity exist.

Reproductive toxicity
No indications of human reproductive toxicity exist.

General remarks

none



Practical experience/human evidence

none

Other observations

none

Other information

none

SECTION 12: Ecological information

12.1. Toxicity

none

Ecotoxicity

Substance:	CAS-No.:	Ecotoxicity
-		

12.2. Persistence and degradability

Easily biodegradable (concerning to the criteria of the OECD)

12.3. Bioaccumulative potential

No indication of bio-accumulation potential.

12.4. Mobility in soil

none

12.5. Results of PBT and vPvB assessment

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

12.6. Other adverse effects

none

Further ecological information

none

Further details

none

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Appropriate disposal/Product

Waste disposal according to EC Directives 75/442/EEC and 91/689/EEC on waste and hazardous waste in their latest versions.

Can be disposed of on a rubbish tip for household waste.

Appropriate disposal / Package

Completely emptied packings can be re-cycled.

List of proposed waste codes/waste designations in accordance with EWC

According to EAKV, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

Waste code product: 20 01 30 - detergents other than those mentioned in 20 01 29

Waste code packaging: 15 01 05 - composite packaging

remark

Waste disposal according to official state regulations.

SECTION 14: Transport information

14.1. UN number

UN No.:

14.2. UN proper shipping name

Official directive for the transport

Proper Shipping name

14.3. Transport hazard class(es)

Hazard label(s):

Classification code:

14.4. Packing group

Packing group:

14.5. Environmental hazards

Environmental hazards: none

14.6. Special precautions for user

Land transport (ADR/RID)

Remark: Not a hazardous material with respect to these transportation regulations.

Transport category:

Tunnel restriction code:

Special provisions:

Limited quantity (LQ):

Sea transport (IMDG)

Special Provisions:

Remark: Not a hazardous material with respect to these transportation regulations.

EmS-No:

MFAG:

Marine pollutant:

Special provisions:

Limited quantity (LQ):

Air transport (ICAO-TI / IATA-DGR)

Remark: Not a hazardous material with respect to these transportation regulations.

Limited quantity (LQ):

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Remark: none

SECTION 15: Regulatory information

Labeling

Hazardous component(s) for labelling

Special labelling of particular preparations

Safety data sheet available for professional user on request.

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

EU legislation

Information according to 1999/13/EC about limitation of emissions of volatile organic compounds

(VOC-guideline).

none

Regulation (EC) No 2037/2000 concerning materials, which cause damage to the ozone layer.

none

Regulation (EC) No. 648/2004 (Detergents regulation)

none

National regulations

Observe in addition any national regulations!

Restrictions of occupation

none

Storage class

10-13

Water hazard class (WGK)

1 weak water pollutant (WGK 1)

Other regulations, restrictions and prohibition regulations

none

15.2. Chemical Safety Assessment

For this preparation a chemical safety assessment has been carried out:

For this substance a chemical safety assessment is not required.

SECTION 16: Other information

Relevant H- and EUH-phrases (Number and full text)

Hazard statements

-

Training advice

none

Recommended restrictions of use

refer to chapter 1.

Further remarks

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

Documentation of changes

none

Key literature references and sources for data

Data arise from reference works and literature.

Abbreviations and acronyms

none

SVIB