

## INOXOL CARE 500 ML GB/LET/DK/S/FIN/N

WM 0713439

Order number: 0713417

Version 6.1

Revision Date 08.05.2020

Print Date 24.08.2020

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

#### 1.1 Product identifier

Trade name : INOXOL CARE 500 ML GB/LET/DK/S/FIN/N  
Identification number : 64565

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

Use of the Substance/Mixture : Cleaning agent  
Restricted to professional users.

#### 1.3 Details of the supplier of the safety data sheet

Company : Tana Chemie GmbH  
Rheinallee 96  
55120 Mainz  
Telephone : +49613196403  
Telefax : +4961319642414  
E-mail address : Produktsicherheit@werner-mertz.com  
Responsible/issuing person  
Contact person : Product development / product safety

#### 1.4 Emergency telephone number

112  
+49(0)6131-19240

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

#### 2.2 Label elements

##### Labelling (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture.

Safety data sheet available on request.

#### 2.3 Other hazards

No information available.

### SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

Chemical nature : Aqueous surfactant solution.

##### Hazardous components

Chemical name	CAS-No. EC-No. Registration number	Classification	Concentration (% w/w)

## INOXOL CARE 500 ML GB/LET/DK/S/FIN/N

WM 0713439

Order number: 0713417

Version 6.1

Revision Date 08.05.2020

Print Date 24.08.2020

Hydrocarbons, C11-C12, isoalkanes, <2% aromatics	918-167-1 01-2119472146-39	Flam. Liq. 3; H226 Asp. Tox. 1; H304 Aquatic Chronic 4; H413	>= 5 - < 10
C16-18 Alcohol, C18-unsat., ethoxylated, propoxylated	677026-24-3 932-102-4 Nicht relevant (Polymer)	Skin Irrit. 2; H315 Aquatic Acute 1; H400 Aquatic Chronic 3; H412	>= 5 - < 10

For explanation of abbreviations see section 16.

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

- General advice : No hazards which require special first aid measures.
- If inhaled : Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion.  
If symptoms persist, call a physician.
- In case of skin contact : Take off contaminated clothing and shoes immediately.  
Wash off with soap and plenty of water.
- In case of eye contact : Protect unharmed eye.  
If easy to do, remove contact lens, if worn.  
Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
- If swallowed : Clean mouth with water and drink afterwards plenty of water.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.

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

- Symptoms : No information available.
- Risks : No information available.

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

- Treatment : For specialist advice physicians should contact the Poisons Information Service.

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local

## INOXOL CARE 500 ML GB/LET/DK/S/FIN/N

WM 0713439

Order number: 0713417

Version 6.1

Revision Date 08.05.2020

Print Date 24.08.2020

circumstances and the surrounding environment.

### 5.2 Special hazards arising from the substance or mixture

- Specific hazards during firefighting : Do not allow run-off from fire fighting to enter drains or water courses.
- Hazardous combustion products : No hazardous combustion products are known

### 5.3 Advice for firefighters

- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.
- Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

---

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

- Personal precautions : Use personal protective equipment.

### 6.2 Environmental precautions

- Environmental precautions : Do not flush into surface water or sanitary sewer system.

### 6.3 Methods and materials for containment and cleaning up

- Methods for cleaning up : Sweep up and shovel.  
Wipe up with absorbent material (e.g. cloth, fleece).  
Keep in suitable, closed containers for disposal.

### 6.4 Reference to other sections

For personal protection see section 8., Treat recovered material as described in the section "Disposal considerations"., Refer to section 15 for specific national regulation.

---

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

- Advice on safe handling : For personal protection see section 8. No special handling advice required. Dispose of rinse water in accordance with local and national regulations.
- Advice on protection against fire and explosion : Normal measures for preventive fire protection.
- Hygiene measures : Wash hands before breaks and at the end of workday.

### 7.2 Conditions for safe storage, including any incompatibilities

## INOXOL CARE 500 ML GB/LET/DK/S/FIN/N

WM 0713439

Order number: 0713417

Version 6.1

Revision Date 08.05.2020

Print Date 24.08.2020

- Requirements for storage areas and containers : Keep container tightly closed in a dry and well-ventilated place. Store at room temperature in the original container.
- Advice on common storage : No special restrictions on storage with other products.
- Other data : No decomposition if stored and applied as directed. Protect from frost.

### 7.3 Specific end use(s)

- Specific use(s) : Cleaning agent

---

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

Contains no substances with occupational exposure limit values.

### 8.2 Exposure controls

#### Personal protective equipment

Eye protection : not required under normal use

#### Hand protection

Material : not required under normal use

For prolonged or repeated contact use protective gloves.  
It is suggested the usage of chemical resistant gloves made of butyl rubber or nitrile rubber category III according to EN 374-1: 2003 (0,4 mm).  
As alternative, a different type of gloves might be used if, accordingly to the recommendations of the producer, guarantee the same level of protection.

Remarks : Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).

Skin and body protection : not required under normal use

Respiratory protection : not required under normal use

#### Environmental exposure controls

General advice : Do not flush into surface water or sanitary sewer system.

## INOXOL CARE 500 ML GB/LET/DK/S/FIN/N

WM 0713439

Order number: 0713417

Version 6.1

Revision Date 08.05.2020

Print Date 24.08.2020

### SECTION 9: Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

Appearance	: liquid
Colour	: white
Odour	: characteristic
Odour Threshold	: No data available
pH	: ca. 6,0
Melting point/range	: No data available
Boiling point/boiling range	: No information available.
Flash point	: ca. 61 °C
Evaporation rate	: No data available
Flammability (solid, gas)	: No data available
Flammability (liquids)	: No data available
Burning rate	: No data available
Lower explosion limit	: No data available
Upper explosion limit	: No data available
Vapour pressure	: No data available
Relative vapour density	: No data available
Relative density	: No data available
Density	: ca. 0,935 g/cm <sup>3</sup>
Water solubility	: in all proportions, soluble
Solubility in other solvents	: No data available
Partition coefficient: n-octanol/water	: No data available
Ignition temperature	: No data available
Thermal decomposition	: No data available
Viscosity, dynamic	: No data available
Viscosity, kinematic	: No data available
Flow time	: 11 - 13 s Cross section: 4 mm
Explosive properties	: No data available
Oxidizing properties	: No data available

#### 9.2 Other information

none

## INOXOL CARE 500 ML GB/LET/DK/S/FIN/N

WM 0713439

Order number: 0713417

Version 6.1

Revision Date 08.05.2020

Print Date 24.08.2020

### SECTION 10: Stability and reactivity

#### 10.1 Reactivity

Stable under recommended storage conditions., No dangerous reaction known under conditions of normal use.

#### 10.2 Chemical stability

No decomposition if stored and applied as directed.

#### 10.3 Possibility of hazardous reactions

Hazardous reactions : No hazards to be specially mentioned.

#### 10.4 Conditions to avoid

Conditions to avoid : Protect from frost.

#### 10.5 Incompatible materials

Materials to avoid : No data available

#### 10.6 Hazardous decomposition products

Hazardous decomposition products : No hazardous decomposition products are known.  
Other information : No hazardous decomposition products are known.

### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects

##### Product

Skin corrosion/irritation : According to the classification criteria of the European Union, the product is not considered as being a skin irritant.

Serious eye damage/eye irritation : According to the classification criteria of the European Union, the product is not considered as being an eye irritant.

Respiratory or skin sensitisation : No data available

Germ cell mutagenicity : Not Rated

Carcinogenicity : Not Rated

Reproductive toxicity : Not Rated

STOT - single exposure : The substance or mixture is not classified as specific target organ toxicant, single exposure.

STOT - repeated exposure : The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

Aspiration toxicity : Not Rated

## INOXOL CARE 500 ML GB/LET/DK/S/FIN/N

WM 0713439

Order number: 0713417

Version 6.1

Revision Date 08.05.2020

Print Date 24.08.2020

Further information : No data available

### Components:

#### **Hydrocarbons, C11-C12, isoalkanes, <2% aromatics**

Acute oral toxicity : LD50 Rat: > 5.000 mg/kg  
Method: OECD Test Guideline 401

Acute inhalation toxicity : LC50 Rat: 4,951 mg/l  
Exposure time: 4 h  
Method: OECD Test Guideline 403

Acute dermal toxicity : LD50 Dermal : > 2.000 mg/kg

#### **C16-18 Alcohol, C18-unsat., ethoxylated, propoxylated**

##### **677026-24-3:**

Acute oral toxicity : LD50 Rat: > 2.000 mg/kg  
Method: OECD Test Guideline 401

Acute dermal toxicity : LD50 Rat: > 2.000 mg/kg  
Method: OECD Test Guideline 402

Skin corrosion/irritation : Species: Rabbit  
Result: irritating  
Method: OECD Test Guideline 404  
Irritating to skin.

Serious eye damage/eye irritation : Species: Rabbit  
Method: OECD Test Guideline 405  
slight irritation

Respiratory or skin sensitisation : Test Method: Buehler Test  
Species: Guinea pig  
Result: Does not cause skin sensitisation.  
Method: OECD Test Guideline 406  
Did not cause sensitisation on laboratory animals.

Germ cell mutagenicity

Genotoxicity in vitro : Type: Ames test  
Test species: Salmonella typhimurium  
with and without metabolic activation  
Result: negative  
Method: OECD Test Guideline 471

## SECTION 12: Ecological information

### 12.1 Toxicity

#### Components:

## INOXOL CARE 500 ML GB/LET/DK/S/FIN/N

WM 0713439

Order number: 0713417

Version 6.1

Revision Date 08.05.2020

Print Date 24.08.2020

### Hydrocarbons, C11-C12, isoalkanes, <2% aromatics

:

- Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): > 1.000 mg/l  
Exposure time: 96 h
- Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 1.000 mg/l  
Exposure time: 48 h
- Toxicity to algae : (Pseudokirchneriella subcapitata (green algae)): > 1.000 mg/l  
Method: OECD Test Guideline 201
- Toxicity to fish (Chronic toxicity) : NOELR: 0,209 mg/l  
Exposure time: 28 d  
Species: Fish
- Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC: 0,011 mg/l  
Exposure time: 21 d  
Species: Daphnia (water flea)
- NOELR: > 1 mg/l  
Exposure time: 21 d  
Species: Daphnia (water flea)

### C16-18 Alcohol, C18-unsat., ethoxylated, propoxylated 677026-24-3:

- Toxicity to fish : LC50 (Cyprinus carpio (Carp)): > 1 - 10 mg/l  
Exposure time: 96 h  
Test Type: semi-static test  
Method: OECD Test Guideline 203
- Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 0,1 - 1 mg/l  
Exposure time: 48 h  
Test Type: static test  
Method: OECD Test Guideline 202
- Toxicity to algae : EC50 (Desmodesmus subspicatus (green algae)): > 0,1 - 1 mg/l  
Exposure time: 72 h  
Test Type: static test  
Method: OECD Test Guideline 201
- EC10 (Desmodesmus subspicatus (green algae)): > 0,1 - 1 mg/l  
Exposure time: 72 h  
Test Type: static test  
Method: OECD Test Guideline 201
- Toxicity to bacteria : EC10 (Pseudomonas putida): > 2.000 mg/l  
Exposure time: 5,33 h  
Test Type: Respiration inhibition
- Toxicity to soil dwelling organisms : LC50: > 1.000 mg/kg  
Exposure time: 14 d  
Species: Eisenia fetida (earthworms)
- Plant toxicity : EC0: > 100 mg/kg  
End point: Growth inhibition  
Species: Brassica alba (mustard)  
Method: OECD 208



## INOXOL CARE 500 ML GB/LET/DK/S/FIN/N

WM 0713439

Order number: 0713417

Version 6.1

Revision Date 08.05.2020

Print Date 24.08.2020

EC0: > 100 mg/kg  
End point: Growth inhibition  
Species: Triticum aestivum (wheat)  
Method: OECD 208

EC0: > 100 mg/kg  
End point: Growth inhibition  
Species: Lepidium sativum (cress)  
Method: OECD 208

### 12.2 Persistence and degradability

#### Product:

Biodegradability : Remarks: The surfactant(s) contained in this preparation complies (comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.

#### Components:

##### **C16-18 Alcohol, C18-unsat., ethoxylated, propoxylated 677026-24-3:**

Biodegradability : Test Type: aerobic  
Result: rapidly biodegradable  
Biodegradation: > 70 %  
Exposure time: 28 d  
Method: OECD Test Guideline 301A  
Remarks: The surfactant(s) contained in this mixture complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

Test Type: aerobic  
Result: rapidly biodegradable  
Biodegradation: > 60 %  
Exposure time: 28 d  
Method: OECD Test Guideline 301B

### 12.3 Bioaccumulative potential

#### Components:

##### **C16-18 Alcohol, C18-unsat., ethoxylated, propoxylated 677026-24-3:**

Bioaccumulation : Bioconcentration factor (BCF): 500  
Remarks: Bioaccumulation is unlikely.

### 12.4 Mobility in soil

#### Components:

##### **C16-18 Alcohol, C18-unsat., ethoxylated, propoxylated 677026-24-3:**

Distribution among environmental compartments : Adsorption/Soil  
log Koc: 3,722  
Remarks: Slightly mobile in soils

## INOXOL CARE 500 ML GB/LET/DK/S/FIN/N

WM 0713439

Order number: 0713417

Version 6.1

Revision Date 08.05.2020

Print Date 24.08.2020

### 12.5 Results of PBT and vPvB assessment

**Components:**

**C16-18 Alcohol, C18-unsat., ethoxylated, propoxylated**

**677026-24-3:**

Assessment : This substance is not considered to be very persistent and very bioaccumulating (vPvB).. This substance is not considered to be persistent, bioaccumulating and toxic (PBT)..

### 12.6 Other adverse effects

**Product:**

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.  
There is no data available for this product.

---

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Product : Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging : Empty remaining contents.  
Empty containers should be taken to an approved waste handling site for recycling or disposal.

---

## SECTION 14: Transport information

### 14.1 UN number

**ADR**

Not dangerous goods

**IMDG**

Not dangerous goods

**IATA**

Not dangerous goods

### 14.2 Proper shipping name

Not regulated as a dangerous good

### 14.3 Transport hazard class

**ADR**

Not dangerous goods

**IMDG**

Not dangerous goods

**IATA**

Not dangerous goods

### 14.4 Packing group

**ADR**

Not dangerous goods

**IMDG**

Not dangerous goods

**IATA**

Not dangerous goods

## INOXOL CARE 500 ML GB/LET/DK/S/FIN/N

WM 0713439

Order number: 0713417

Version 6.1

Revision Date 08.05.2020

Print Date 24.08.2020

### 14.5 Environmental hazards

**ADR**

Not dangerous goods

**IMDG**

Not regulated as a dangerous good

**IATA**

Not dangerous goods

### 14.6 Special precautions for user

Remarks : Not classified as dangerous in the meaning of transport regulations.

For personal protection see section 8.

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

Not applicable for product as supplied.

## SECTION 15: Regulatory information

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

Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals : Not applicable

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII) : Not applicable

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances. : Not applicable

TA Luft List (Germany) : Total dust: Not applicable  
: Inorganic substances in powdered form: Not applicable  
: Inorganic substances in vapour or gaseous form: Not applicable  
: Organic Substances: : portionClass 1: 20 %  
: Carcinogenic substances: Not applicable  
: Mutagenic: Not applicable  
: Toxic to reproduction: Not applicable

Volatile organic compounds (VOC) content : Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control)  
Update: Percent volatile: 9,92 %  
237,08 g/l  
VOC content excluding water

Volatile organic compounds (VOC) content : Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control)  
Update: Percent volatile: 9,92 %  
92,75 g/l  
VOC content valid only for coating materials used on wood surfaces

according to Detergents Regulation EC 648/2004 : 15 - <30% aliphatic hydrocarbons, 5 - <15% Non-ionic surfactants, SODIUM PYRITHIONE, METHYLISOTHIAZOLINONE,

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## INOXOL CARE 500 ML GB/LET/DK/S/FIN/N

WM 0713439

Order number: 0713417

Version 6.1

Revision Date 08.05.2020

Print Date 24.08.2020

BENZISOTHIAZOLINONE

GISBAU (D)

: GU 50

### 15.2 Chemical safety assessment

There is no data available for this product.

### SECTION 16: Other information

#### Full text of H-Statements

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H400	Very toxic to aquatic life.
H412	Harmful to aquatic life with long lasting effects.
H413	May cause long lasting harmful effects to aquatic life.

#### Further information

Items where changes have been made to the previous version are highlighted in the body of this document by two vertical lines.

Classification procedure:

Calculation method

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECl - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or



**INOXOL CARE 500 ML GB/LET/DK/S/FIN/N**

**WM 0713439**

**Order number: 0713417**

Version 6.1

Revision Date 08.05.2020

Print Date 24.08.2020

quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

---

50000001309