

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 31.07.2009

Revision: 31.07.2009

1 Identification of substance:

Product details:

Trade name: *calgodip D 5000*

Application of the substance / the preparation

Product is for professional use only.
Teat dip- and cleaning agent.

Manufacturer/Supplier:

Calvatis GmbH, D-68526 Ladenburg, Dr. Albert-Reimann-Str. 2
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Emergency information:

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2 Hazards identification

Hazard designation:

Not applicable.

No dangerous preparation in the sense of the European Union preparing guideline

Information pertaining to particular dangers for man and environment

The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

Classification system

The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

3 Composition/information on ingredients

Chemical characterization: Uddercare to basis of glycerol, surfactants an iodine.

Hazardous components:

CAS	EC	%	Sign	R-phrases
Jodine				
7553-56-2	231-442-4	< 1	Xn,N	20/21-50
N-Ethyl-2-Pyrrolidon				
2687-91-4	220-250-6	1 - 5	Xi	41
Nonionic surfactant				
Polymer		1 - 5	Xn	22-41
Nonionic surfactant				
Polymer		1 - 5	Xi	36/38

Additional information For the wording of the listed risk phrases refer to section 16.

4 First aid measures

After skin contact Wash with water and soap.

After eye contact

Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.

After swallowing

Rinse out mouth and then drink plenty of water.
Seek medical treatment.

5 Fire fighting measures

Suitable extinguishing agents

CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

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Use fire fighting measures that suit the environment.
Protective equipment: Wear self-contained breathing apparatus.
Additional information Product is not combustible.

6 Accidental release measures

Person-related safety precautions: Not required.
Measures for environmental protection:
 Do not allow product to reach sewage systems or water bodies in great quantities.
Measures for cleaning/collecting:
 Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
 Dispose of the material collected according to regulations.

7 Handling and storage

Handling
Information for safe handling: No special measures required.
Information about protection against explosions and fires: No special measures required.

Storage
Requirements to be met by storerooms and containers: No special requirements.
Further information about storage conditions: Protect from frost.

8 Exposure controls and personal protection

Components with limit values that require monitoring at the workplace:

7553-56-2 iodine

WEL | Short-term value: 1.1 mg/m³, 0.1 ppm

Additional information: The lists that were valid during the compilation were used as basis.

Personal protective equipment

General protective and hygienic measures Remove soiled clothing.

Breathing equipment: Not required.

Protection of hands:

Protectiv gloves recommended.

Chemical protection gloves from butyl rubber or nitrile rubber of the category III in accordance with EN 347.

Consider the data of the manufacturers at the permeability and break-through times as well as the special conditions on the job (mechanical load, contact duration).

Material of gloves

Protection gloves from butyl rubber or nitrile rubber.

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection: Not required.

9 Physical and chemical properties:

General Information

Form:	Liquid
Colour:	Red-brown
Odour:	like iodine

Change in condition

Melting point/Melting range:	Not determined
Boiling point/Boiling range:	>100°C
Crystallisation temperature / range:	< -5°C

Flash point:	Not applicable
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Density at 20°C	1.04 g/cm ³
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Solubility in / Miscibility with Water:	Emulsifiable
pH-value (10 g/l) at 20°C:	5.3

10 Stability and reactivity

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
Dangerous reactions No dangerous reactions known
Dangerous products of decomposition: iodine (when warming up)

11 Toxicological information

Acute toxicity: No data for the preparation available.
Primary irritant effect:
on the skin: No irritant effect.
on the eye: No irritant effect.
Sensitization: No sensitizing effect known.
Additional toxicological information:
 The product is not subject to classification according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:
 When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.
 The toxicological evaluation of the preparation took place in accordance with computation methods after GefStoffV / European Union preparing guideline.

12 Ecological information:

Additional ecological information:
COD-value: 266 g O₂/kg product
General notes:
 The surfactant(s) contained in this preparation 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.

13 Disposal considerations

Product:
Recommendation Must be specially treated with regard to official regulations.
Waste disposal key number:
 Corresponding to the regulation of the European Waste catalogue the relation of the waste key numbers has to be made specific to industry and process.
European waste catalogue
 Corresponding to the regulation of the EWC the relation of the waste key numbers has to be made specific to industry and process.
Uncleaned packagings:
 Contaminated packages must be completely emptied and may be reused after proper cleaning.
Recommendation: Disposal must be made according to official regulations.

14 Transport information

Transport/Additional information: Not dangerous according to the above specifications.

15 Regulatory information

Designation according to EC guidelines:
 The product has not been classified and labelled in accordance with EC Directives / relevant national laws.
 Observe the normal safety regulations when handling chemicals

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Safety phrases:

2 Keep out of the reach of children.

National regulations**Water hazard class (Germany):** Water hazard class 1 (Self-assessment): slightly hazardous for water.**Other regulations, limitations and prohibitive regulations****Substances of very high concern (SVHC) according to REACH, Article 57**

The product contains no substances from SVHC list.

16 Other information:

The above information is based on our present knowledge about the product. It does not guarantee specific product features.

Relevant R-phrases

R 20/21 Harmfull by inhalation and in contact with skin.

R 22 Harmfull if swallowed.

R 36/38 Irritation to eyes an skin.

R 41 Risk of serious damage to eyes.

R 50 Very toxic to aquatic organisms.

Department issuing data specification sheet: Calvatis GmbH Germany, Laboratory**Reference to modifications:**

Please take notice of the changes made in compare to the last version from 27.11.2008 in the following sections: 3

Sources KC-285585h

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