

Material Safety Data Sheet

According to 91/155 EEC

Printing date 22.10.2005

Ver.-No. 1

Reviewed on 22.10.2005

* 1 Identification of the substance/preparation and of the company/undertaking

Product details

Trade name: **Profilaclosure C5**

Application of the substance / the preparation

Teat disinfectant

Manufacturer/Supplier:

WestfaliaSurge UK Ltd.
30 Tanners Drive
Blakelands
Milton Keynes
MK 14 5BW
Tel.: +44 (0) 1908 589600
Fax: +44 (0) 1908 589650

Information in case of emergency:

24 Hour Chemical Emergency Information:
Tel. No. 0207 358 9167

* 2 Composition/information on ingredients

Chemical characterization

Description:

Mixture of substances listed below with nonhazardous additions.

Dangerous components:

Void

Additional information:

For the wording of the listed risk phrases refer to section 16.
Active ingredient: Iodine 1.3 - 1.5 %
Other ingredients: Nonionic surfactants and emollients

3 Hazards identification

Hazard description:

Not applicable.

Information concerning particular hazards for human 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 according to the latest editions of the EU-lists, and extended by company and literature data.

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Additional information: This product is not classified as hazardous in normal use. Iodine is considered harmful to fish. Do not contaminate ponds or ditches with this product or used container.

* 4 First-aid measures

General information: Immediately remove any clothing soiled by the product.

Warning: Do not use if there is knowledge of an iodine allergy!

After inhalation: Supply fresh air; consult doctor in case of complaints.

After skin contact: Immediately rinse with water. If skin irritation continues, consult a doctor. Generally the product does not irritate the skin.

After eye contact: Rinse opened eye for several minutes under running water. Obtain medical attention.

After swallowing: Rinse out mouth and then drink plenty of water. Do not induce vomiting; call for medical help immediately.

* 5 Fire-fighting measures

Suitable extinguishing agents: CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam. Does not support combustion.

Protective equipment: No special measures required.

Additional information Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

* 6 Accidental release measures

Person-related safety precautions: Wear protective equipment. Keep unprotected persons away.

Measures for environmental protection: Dilute with plenty of water. Do not allow to enter sewers/ surface or ground water.

Measures for cleaning/collecting: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13.

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Additional information:

No dangerous substances are released.

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* 7 Handling and storage

Handling:

Information for safe handling:

Open and handle receptacle with care.

Keep receptacles tightly sealed.

When used as a spray, avoid working in spray mist. If the spray nozzle is adjustable, use a coarse spray (not a fine mist) and spray the entire surface of each teat, holding the spray lance as far away from the body as possible. Operators may consider using a suitable face mask.

Do not use if there is knowledge of an iodine allergy.

Information about fire - and explosion protection:

No special measures required.

Storage:

Requirements to be met by storerooms and receptacles:

No special requirements.

Information about storage in one common storage facility:

Store away from vacuum pump.

Keep away from animal feed.

Further information about storage conditions:

Store in the dark.

Store in a cool place.

Protect from heat and direct sunlight.

Class according to regulation on flammable liquids:

Void

* 8 Exposure controls/personal protection

Additional information about design of technical facilities:

No further data; see item 7.

Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

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Additional information:	The lists valid during the making were used as basis.
Personal protective equipment: General protective and hygienic measures:	The usual precautionary measures are to be adhered to when handling chemicals.
Respiratory protection:	In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.
Protection of hands:	 Protective gloves The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Material of gloves	Rubber gloves PVC gloves
Eye protection:	Goggles recommended during refilling
Body protection:	Protective work clothing

* 9 Physical and chemical properties

General Information	
Form:	Liquid
Colour:	Brown
Odour:	Undistinguishable.
Change in condition	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	Undetermined.
Flash point:	Not applicable.
Self-igniting:	Product is not selfigniting.
Danger of explosion:	Product does not present an explosion hazard.
Density:	Not determined.

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Solubility in / Miscibility with water:	Fully miscible.
Additional information:	Specific gravity: 1.03-1.11

10 Stability and reactivity

Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

Dangerous reactions

No dangerous reactions known.

Dangerous decomposition products:

No dangerous decomposition products known.

* 11 Toxicological information

Acute toxicity:

LD/LC50 values relevant for classification:

Iodine present in preparation at level less than that considered harmful (25%) by inhalation or being swallowed. Iodine has an oral LD50 (Rats) of 14g/kg.

Non-ionic surfactants are generally regarded as being of low toxicity. Emollients used are generally regarded as safe.

Primary irritant effect:

on the skin:

No irritant effect.

on the eye:

No irritating effect.

Sensitization:

No sensitizing effects known.

Additional toxicological information:

The product is not subject to classification according to the calculation method of the General EU 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 to our experience and the information provided to us.

* 12 Ecological information

Ecotoxicological effects:

Aquatic toxicity:

No specific data available. Iodine is present in the preparation at level less than that considered harmful (25%) for aquatic toxicity.

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General notes:

Water hazard class 1 (German Regulation) (Self-assessment):
slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach
ground water, water course or sewage system.

* 13 Disposal considerations

Product:

Recommendation

Must not be disposed together with household garbage. Do not
allow product to reach sewage system.
Hand over to hazardous waste disposers.
Iodine is considered harmful to fish. Do not contaminate ponds or
ditches with this product or used container. Take to suitable
licensed waste disposal site.

European waste catalogue	
07 06 08	other still bottoms and reaction residues

Uncleaned packaging:

Recommendation:

Disposal must be made according to official regulations.

Recommended cleansing agents:

Water, if necessary together with cleansing agents.

* 14 Transport information

Land transport ADR/RID (cross-border)	
ADR/RID class:	-
Maritime transport IMDG:	
IMDG Class:	-
Marine pollutant:	No
Air transport ICAO-TI and IATA-DGR:	
ICAO/IATA Class:	-

Transport/Additional information:

Not dangerous according to the above specifications.

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* 15 Regulatory information

Labelling according to EU guidelines: Observe the general safety regulations when handling chemicals. The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).
The product have been classified under the UK CHIP 2002 regulations to European Council Dangerous Substances Directive and the Dangerous Preparations Directive.

Code letter and hazard designation of product: Concentrations of all potentially hazardous ingredients are below 25% (for the relevant classifications) so that the product is not classified as dangerous.
However, it is advisable to keep the product out of reach of children.

Iodine is harmful to fish. Do not contaminate ponds or ditches with this product or used container. Dispose of empty container safely.

National regulations:

Waterhazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.

* 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

However, if you are a supplier of this product, there are due diligence checks which you have to make. As a supplier, you are responsible for the accuracy of the Safety Data Sheet.

User of this product have a responsibility to make their own assessment of workplace risks as required by health and safety legislation.

Department issuing MSDS: 1024 / Produktmanagement

*** Data compared to the previous version altered.**