

Safety Data Sheet

according to 1907/2006/EC, Article 31

Optitrol ToRCH G Plus

Version: 1.3
Date: 2012-10-11

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1. Identification of the substance/mixture and of the company/undertaking

Product information

Trade name: Optitrol ToRCH G Plus
Article number: IN0101, IN0102, IN0103, IN0104, IN0151, IN0152, IN0153, IN0154
Application of the substance/mixture: For in vitro diagnostic use

Company

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2. Hazards identification

Classification according to Directive 67/548/EEC or Directive 1999/45/EC

May cause sensitisation by skin contact.

Code letter and hazard designation of product



Xi Irritant

Hazard-determining components of labelling

2-Methyl-4-isothiazolin-3-one

Risk phrases

R43 May cause sensitisation by skin contact.

Safety phrases

S24 Avoid contact with skin.
S35 This material and its container must be disposed of in a safe way.
S37 Wear suitable gloves.
S46 If swallowed, seek medical advice immediately and show this container or label.

Additional information

The usual precautions taken when handling biologic materials or chemicals.

This product contains human-sourced materials and should be considered potentially infectious.

3. Composition/information on ingredients

Chemical characterization

Mixture

Additional information

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

Dangerous components

CAS: 26628-22-8 EINECS: 247-852-1	Sodium azide	T+ R28; N R50/53 R32	< 0.1%
CAS: 2682-20-4 EINECS: 220-239-6	ProClin® 950 (2-methyl-4-isothiazolin-3-one)	T R23/24/25; C R34; Xi R43; N R50/53	0,014 - 0,016 %

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4. First aid measures

- After inhalation** Supply fresh air and seek medical attention.
- After skin contact** Wash affected area with soap and water. Take off any clothing that the product touched. Seek medical attention.
- After eye contact** Rinse opened eye for several minutes under running water. Seek medical attention.
- After swallowing** Seek medical attention and appropriate follow up.

5. Fire fighting measures

- Suitable extinguishing agents**
CO₂, extinguishing powder, water jet or alcohol-resistant foam.
- Protective equipment**
Respiratory protection is normally not required.

6. Accidental release measures

- Environmental precautions**
Do not allow to enter sewers, surface or ground water.
- Methods and material for containment and cleaning up**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Clean the spill area carefully. Suitable cleaners are: Disinfectant, warm water and cleansing agent.
- Reference to other sections**
Information on safe handling: Section 7
Information on personal protection equipment: Section 8
Information on disposal: Section 13

7. Handling and storage

- Precautions for safe handling**
Handle as potentially infectious material.
- Information about protection against explosions and fires**
No special measures required.
- Storage**
See label or package insert.
- Do not store together with**
No restriction.

8. Exposure controls/personal protection

- Personal protective equipment**
- General protective and hygienic measures**
Follow the usual hygienic and precautionary measures for handling chemicals and potentially infectious materials.
- Breathing equipment**
Not necessary if room is well ventilated.

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Hand protection

Gloves protect the user against splashes. For safety reasons, they should be changed immediately after wetting. This product is a preparation consisting of several substances. No specific information can be given regarding permeation breakthrough time. The choice of suitable gloves depends not only on the material, but also on other quality features and must be confirmed with the respective manufacturer. Per our knowledge, disposable gloves, e.g. made of nitriles, are suitable. This recommendation is not intended to replace a suitability test, which is essential and must be performed under the respective conditions of use.

Eye protection

Safety glasses

Body protection

Protective work clothing

9. Physical and chemical properties

Form

Liquid

Colour

Yellowish

Odour

Odourless

10. Stability and reactivity

Hazardous reactions

None known when used appropriately.

Hazardous decomposition products

No dangerous decomposition products known.

11. Toxicological information

Information on toxicological effects

May cause sensitisation by skin contact.

12. Ecological information

General information

Water hazard class 1 (German Regulation): Slightly hazardous for water.

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

13. Disposal considerations

Waste disposal

Dispose of waste in accordance to applicable local or national regulations.

14. Transport information

No dangerous good according to current regulations (ADR/RID, IMDG, IATA/ICAO).

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15. Regulatory information

Labelling according to EC directives

Code letter and hazard designation of product



Xi Irritant

National regulations

Water hazard class 1 (German Regulation): Slightly hazardous for water.

16. Other information

Relevant risk phrases

R28 Very toxic if swallowed.

R32 Contact with acids liberates very toxic gas.

R34 Causes burns.

R43 May cause sensitisation by skin contact.

R23/24/25 Toxic by inhalation, in contact with skin and if swallowed.

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Further Information

The information herein is believed to be correct as of the date hereof but is provided without warranty of any kind. The recipient of our product is responsible for ensuring that, where applicable, existing laws and guidelines are observed.