

Doc ID: DMR 2.5_Wart Treatment Pen_MSDS_v4.0	Material Safety Data Sheet Wart Treatment Pen	Date of issue: July 30, 2016 Revision: 4.0
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1. IDENTIFICATION OF THE SUBSTANCE

Product name	Wart Treatment Pen
Size	1.5 ml pen applicator
Use	Treatment of Warts

2. IDENTIFICATION OF THE COMPANY

Medical Brands Innovations B.V.
Piet Heinkade 199
1019 HC, Amsterdam
The Netherlands
Tel: +31 (20) 3455330
Web: www.medicalbrands.com
Email: QARA@medicalbrands.com
Emergency number: +31 30 2748888 (Poison control Centre the Netherlands (NVIC) for professionals only)

3. COMPOSITION/INFORMATION ON INGREDIENTS

- Description: Mixture of the substances listed below with harmless additions
- Information on ingredients:

Chemical name	CAS No
TCA-Active™	76-03-9
Aqua	7732-18-5
Carbopol	600-07-7

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4. HAZARDS IDENTIFICATION

Hazards overview

According to regulation (EC)

No1272/2008

Corrosive

Hazardous to environment

Chronic aquatic toxicity (Category 1)

Acute aquatic toxicity (Category 1)

Skin corrosion (Category 1A)

Human health hazards

This product has to be marked on the basis of "General Classification guideline for the preparations of the EU", the last edition.

GHS-labels



H335+H336 – can cause irritation to respiratory system. Can cause drowsiness or dizziness

Prevention

P260 do not inhale dust/smoke/gas/mist/vapor/spray mist

Handling

P303+P361+P353 UPON CONTACT WITH SKIN (or hair): immediately remove contaminated clothing, wash skin with water
P305+P351+P338 UPON CONTACT WITH EYES: promptly wash with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.
P310 Immediately call POISON CENTER or doctor/physician

Storage

Keep locked/ keep closed

Disposal

P501 of contents/container to an approved waste disposal plant

Hazard symbols

C Corrosive

N Dangerous for environment

5. FIRST-AID MEASURES

Eye contact

Normal conditions: rinse with plenty of water and soap.

Seek medical help.

Special conditions*: rinse with plenty of water and soap.

Seek medical help.

Skin contact

Normal conditions: wash excessive formula with plenty of water.

Special conditions: wash off with soap and water

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Inhalation

Normal conditions: remove to fresh air.
Special conditions: remove to fresh air and do not induce vomiting.

Ingestion

If ingested, call a doctor right away. Do NOT induce vomiting. Rinse mouth with water. Drink plenty of water.

6. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Normal conditions: none
Special conditions: Use water spray, alcohol resistant foam, dry chemical or carbon dioxide.

Extinguishing media which must not be used for safety reasons

Normal conditions: none
Special conditions: do NOT use water jet.

Special protective equipment for fire-fighters

Normal conditions: none
Special conditions: wear self-contained breathing apparatus for fire fighting if necessary.

Further information

Normal conditions: none
Special conditions: use water spray to cool unopened containers.

7. ACCIDENTAL RELEASE MEASURES

Personal precautions

Normal conditions: none
Special conditions: put on appropriate personal protective equipment. Keep the distance if not wearing protective clothing.

Environmental precautions

Normal conditions: none
Special conditions: try to prevent the material from entering drains or water courses.

Cleanup methods

Normal conditions: none
Special conditions: soak up with inert absorbent material. Shovel into suitable container for disposal. After cleaning, flush away traces with water.

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8. HANDLING AND STORAGE

Handling

Normal conditions: none

Special conditions: Avoid contact with eyes.



Storage

Normal conditions: store at room-temperature. Keep out of reach of children.

Special conditions: store in a cool, dry and well-ventilated area.

Keep away from heat. Keep out of reach of children.

9. EXPOSURE CONTROLS / PERSONAL PROTECTION

Note: Engineering controls should always be considered before personal protection is necessary

Personal protective equipment

The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Hygiene measures

Eye protection

General industrial hygiene practice

Normal conditions: none

Special conditions: Safety glasses

Hand protection

Normal conditions: none

Special conditions: for prolonged or repeated contact use protective gloves

Respiratory protection

No personal respiratory protective equipment normally required

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Skin and body protection

Normal conditions: none

Special conditions: Lightweight protective clothing

10. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Viscous gel
Colour	Colourless to milky
Odour	Characteristic
Solubility	Mixes well with water
Boiling point °C	Not available
Melting point °C	Not available
pH (at 20°C)	<1
Viscosity (Dynamic viscosity)	3500-8500 mPa·s

11. STABILITY AND REACTIVITY

Stability	The product is stable (24 months)
Conditions to avoid	Excessive heat
Hazardous reactions	None known
Hazardous decomposition products	None known

12. TOXICOLOGICAL INFORMATION

Acute toxicity	LD50 Oral – rat-3320 mg/kg
Local effects	
Skin irritation	Causes skin burns
Eye irritation	Eyes-rabbit-severe eye irritation – 5s
Respiratory or skin sensitization	No data available
Germ cell mutagenicity	No data available

Specific effects

Carcinogenicity	This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC IARC: 3- Group 3: Not classifiable as to its carcinogenicity to humans (Trichloroacetic acid)
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Reproduction toxicity	No data available
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Specific target organ toxicity- single exposure
Aspiration hazard

No data available
No data available

Potential health effects

Inhalation

May be harmful if inhaled. Material is extremely destructive to the tissue of the mucous membranes and upper respiratory tract.

Ingestion

May be harmful if swallowed. Causes burns.

Skin

Causes skin burns.

Eyes

Causes eye burns.

Signs and Symptoms of Exposure

Burning sensation, cough, wheezing, laryngitis, shortness of breath, spasm, inflammation and edema of the larynx, inflammation and edema of the bronchi, pulmonary edema.

13. ECOLOGICAL INFORMATION

Toxicity

Toxicity to fish

LC50- Pimephales promelas (fathead minnow)-2000mg/l-96h.

Toxicity to daphnia and other aquatic invertebrates

EC-Daphnia magna (Water flea) -1460-2000mg/l -48h

Skin

Causes skin burns.

Other information

Water hazard class (NL) 4: very toxic for aquatic organism, may cause long-term adverse effects in the aquatic environment.

Do not release to the soil, to the surface water or to sewer.

Not to be released undiluted or non-neutralised to surface waters or drainage. Hazardous to drinking water and in case small leaks to the soil. In surface waters toxic to fish and plankton. Very toxic to aquatic organisms. Washout with excessive amount of water to the drainage/sewer system or water source may cause pH decrease. Low pH is harmful to aquatic organisms. Upon dilution pH value increases to the point that the product, when realised to sewer/drainage poses low hazard to water environment.

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14. TRANSPORT INFORMATION

Transport between 15-25- degrees Celsius

UN-Number: 1839 Class: 8 Packing group: II
Proper shipping name: TRICHLOROACETIC ACID

15. DISPOSAL CONSIDERATIONS

Methods of disposal According to Local and National Authority Regulations

16. REGULATORY INFORMATION

Safety phrases

S26 In case of contact with eyes rinse immediately with plenty of water and seek medical advice
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)
S60 this material and its container must be disposed of as hazardous waste
S61 Avoid release to the environment. Refer to special instructions/Safety data sheets

R phrases

R 35 Causes severe burns
R 37 Irritating for respiratory system
R 50/53 Very toxic for water organisms; can have severe adverse effect in aquatic environment

17. OTHER INFORMATION

The data provided in this sheet are based on present state of knowledge and is applicable to the product with regards to appropriate safety precautions. The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. It does not represent any guarantee of the properties of the product. No liability is accepted for any insufficiency or omission in any case whatsoever. This safety data sheet does not constitute an assessment of workplace control required by current legislation.

*Special conditions: refers to cases of large amount of final product handling; precautions taken in case of accident and spills; measures to follow in industrial contexts.