

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 04.11.2020

Rev. Index : 16.1

Revision: 03.09.2018

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

1.1 Product identifier

Trade name: **hth™ PASTILLE DPD 1**

Article number: 14002 hth re

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

Sector of Use SU21 Consumer uses: Private households / general public / consumers

Product category PC0 Other

Application of the substance / the mixture

Reactant
 Water treatment
 /

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

INNOVATIVE WATER CARE EUROPE
 BP 219 - 37402 Amboise Cedex - FRANCE
 phone : +33 (0)2 47 23 43 00
 fax : +33 (0)2 47 23 12 21
 eu.sds@sigurawater.com

1.4 Emergency telephone number:

Europe >>> NCEC - Tel. +44 (0)1235 239 670
 Africa & Middle East >>> NCEC - Tel. +44 (0)1235 239 671
 N.AMERICA >>> ACEAN (Arch Chemicals Emergency Action Network) - Tel. +1 423 780 2970
 CALL A LOCAL NATIONAL POISON CONTROL UNIT
 FOR UK CONTACT NCEC Tel 01865 407 333

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 The product is not classified, according to the CLP regulation.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 Void

Hazard pictograms Void

Signal word Void

Hazard statements Void

2.3 Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

3.2 Chemical characterisation: Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

Dangerous components:

CAS: 10043-35-3 EINECS: 233-139-2 Index number: 005-007-00-2 Reg.nr.: 01-2119486683-25-XXXX	boric acid ⚠ Repr. 1B, H360FD Specific concentration limit: Repr. 1B; H360: C ≥ 5.5 %	< 5.5%
--	---	--------

SVHC

Contains less than de 5.5% of boric acid (Repr. 1B; H360FD: C ≥ 5,5 %).

Boric acid is included in the Candidate List of Substances of Very High Concern (SVHC) of the European Chemical Agency (ECHA)

CAS: 10043-35-3	boric acid
-----------------	------------

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

**Safety data sheet
according to 1907/2006/EC, Article 31**

Printing date 04.11.2020

Rev. Index : 16.1

Revision: 03.09.2018

Trade name: hth™ PASTILLE DPD 1

(Contd. of page 1)

SECTION 4: First aid measures**4.1 Description of first aid measures****General information** No special measures required.**After inhalation** Supply fresh air; consult doctor in case of complaints.**After skin contact** If skin irritation continues, consult a doctor.**After eye contact** Rinse opened eye for several minutes (15) under running water. Then consult a doctor.**After swallowing** If symptoms persist consult doctor.**4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.**4.3 Indication of any immediate medical attention and special treatment needed** No further relevant information available.**SECTION 5: Firefighting measures****5.1 Extinguishing media****Suitable extinguishing agents** Water spray**5.2 Special hazards arising from the substance or mixture** No further relevant information available.**5.3 Advice for firefighters****Protective equipment:** No special measures required.**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures** Not required.**6.2 Environmental precautions:**

Keep contaminated washing water and dispose of appropriately.

Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up:

Send for recovery or disposal in suitable receptacles.

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

6.4 Reference to other sections

No dangerous substances are released.

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage**7.1 Precautions for safe handling** No special measures required.**Information about fire - and explosion protection:** No special measures required.**7.2 Conditions for safe storage, including any incompatibilities****Storage****Requirements to be met by storerooms and receptacles:** Use only receptacles specifically permitted for this substance/product.**Information about storage in one common storage facility:** Not required.**Further information about storage conditions:** None.**7.3 Specific end use(s)** No further relevant information available.**SECTION 8: Exposure controls/personal protection****Additional information about design of technical facilities:** No further data; see item 7.**8.1 Control parameters****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.

Additional information: The lists valid during the making were used as basis.**8.2 Exposure controls****Personal protective equipment****General protective and hygienic measures** The usual precautionary measures are to be adhered to when handling chemicals.**Respiratory protection:** Use suitable respiratory protective device when high concentrations are present.

(Contd. on page 3)

GB

**Safety data sheet
 according to 1907/2006/EC, Article 31**

Printing date 04.11.2020

Rev. Index : 16.1

Revision: 03.09.2018

Trade name: hth™ PASTILLE DPD 1

(Contd. of page 2)

Protection of hands:

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
 Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
 Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

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: Goggles recommended during refilling.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

Form: Pellets
Colour: White
Odour: Characteristic
Odour threshold: Not determined.

pH-value at 20 °C: 6

Change in condition

Melting point/freezing point: undetermined
Initial boiling point and boiling range: 100 °C

Flash point: Not applicable

Flammability (solid, gaseous) Not applicable.

Decomposition temperature: Not determined.

Auto-ignition temperature: Product is not selfigniting.

Explosive properties: Product does not present an explosion hazard.

Explosion limits:

Lower: Not determined.
Upper: Not determined.

Vapour pressure: Not determined.

Density at 20 °C: 1 g/cm³
Relative density Not determined.
Vapour density Not determined.
Evaporation rate Not determined.

Solubility in / Miscibility with

Water: Not miscible or difficult to mix

Partition coefficient: n-octanol/water: Not determined.

Viscosity:

dynamic: Not determined.
kinematic: Not determined.

Solvent content:

Organic solvents: 0.0 %

Solids content: 100.0 %

9.2 Other information

No further relevant information available.

SECTION 10: Stability and reactivity

10.1 Reactivity No further relevant information available.

10.2 Chemical stability

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

(Contd. on page 4)

GB

**Safety data sheet
 according to 1907/2006/EC, Article 31**

Printing date 04.11.2020

Rev. Index : 16.1

Revision: 03.09.2018

Trade name: hth™ PASTILLE DPD 1

(Contd. of page 3)

10.3 Possibility of hazardous reactions No dangerous reactions known

10.4 Conditions to avoid No further relevant information available.

10.5 Incompatible materials: No further relevant information available.

10.6 Hazardous decomposition products: Poisonous gases/vapours

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity Based on available data, the classification criteria are not met.

LD/LC50 values relevant for classification:

CAS: 10043-35-3 boric acid

Oral | LD50 | 2660 mg/kg (rat)

Primary irritant effect:

Skin corrosion/irritation Based on available data, the classification criteria are not met.

Serious eye damage/irritation possible irritation by eye contact

Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction) Contains less than 5.5% of boric acid(Repr. 1B; H360FD: C ≥ 5,5 %).

Germ cell mutagenicity Based on available data, the classification criteria are not met.

Carcinogenicity Based on available data, the classification criteria are not met.

Reproductive toxicity Based on available data, the classification criteria are not met.

STOT-single exposure Based on available data, the classification criteria are not met.

STOT-repeated exposure Based on available data, the classification criteria are not met.

Aspiration hazard Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity: No further relevant information available.

12.2 Persistence and degradability No further relevant information available.

12.3 Bioaccumulative potential No further relevant information available.

12.4 Mobility in soil No further relevant information available.

Additional ecological information:

General notes:

Avoid transfer into the environment.

Water danger class 3 (German Regulation) (Self-assessment): extremely hazardous for water.

Do not allow product to reach ground water, water course or sewage system, even in small quantities.

Danger to drinking water if even extremely small quantities leak into the ground.

12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6 Other adverse effects No further relevant information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation

Must be specially treated adhering to official regulations.

Smaller quantities can be disposed of with household waste.

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information

14.1 UN-Number

ADR, ADN, IMDG, IATA

Void

(Contd. on page 5)

GB

**Safety data sheet
 according to 1907/2006/EC, Article 31**

Printing date 04.11.2020

Rev. Index : 16.1

Revision: 03.09.2018

Trade name: hth™ PASTILLE DPD 1

(Contd. of page 4)

14.2 UN proper shipping name

ADR Void
 ADN, IMDG, IATA Void

14.3 Transport hazard class(es)

ADR, ADN, IMDG, IATA
 Class Void

14.4 Packing group

ADR, IMDG, IATA Void

14.5 Environmental hazards:

Marine pollutant: No

14.6 Special precautions for user

Not applicable.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable.

Transport/Additional information: Not dangerous according to the above specifications.
 UN "Model Regulation": Void

SECTION 15: Regulatory information

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

Directive 2012/18/EU

Named dangerous substances - ANNEX I None of the ingredients is listed.

National regulations

Other regulations, limitations and prohibitive regulations

Substances of very high concern (SVHC) according to REACH, Article 57

Contains less than de 5.5% of boric acid (Repr. 1B; H360FD: C ≥ 5,5 %).

Boric acid is included in the Candidate List of Substances of Very High Concern (SVHC) of the European Chemical Agency (ECHA)

CAS: 10043-35-3 | boric acid

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 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.

Relevant phrases

H360FD May damage fertility. May damage the unborn child.

Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

Repr. 1B: Reproductive toxicity – Category 1B

* Data compared to the previous version altered.

GB