

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

#### 1.1. Product identifier

Product form : Mixture  
Product name. : Huwa-San Dent PL  
Synonyms : Stabilised hydrogen peroxide

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

##### 1.2.1. Relevant identified uses

Use of the substance/preparation : Disinfectant for the disinfection of dental unit water systems

##### 1.2.2. Uses advised against

No additional information available

#### 1.3. Details of the supplier of the safety data sheet

ROAM TECHNOLOGY NV  
Blindestraat 7  
3740 Bilzen  
T 0032 89 44 00 42  
info@roamtechnology.com – www.huwasan.com

#### 1.4. Emergency telephone number

No additional information available

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

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

Not classified

##### Adverse physicochemical, human health and environmental effects

No additional information available

#### 2.2. Label elements

According to EC directives or the corresponding national regulations there is no labelling obligation for this product.

#### 2.3. Other hazards

No additional information available

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

Name	Product identifier	%	Classification according to Directive 67/548/EEC
Hydrogen peroxide	(CAS No.) 7722-84-1 (EC no) 231-765-0 (EC index no) 008-003-00-9 (REACH-no) 01-2119485845-22	0.90 – 1.00	R5 O; R8 C; R35 Xn; R20/22
Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Hydrogen peroxide	(CAS No.) 7722-84-1 (EC no) 231-765-0 (EC index no) 008-003-00-9 (REACH-no) 01-2119485845-22	0.90 – 1.00	Ox. Liq. 1, H271 Skin Corr. 1A, H314 Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Oral), H302

Full text of R-, H- and EUH-phrases: see section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures after eye contact : Rinse immediately with plenty of water for 15 minutes. Take victim to an ophthalmologist if irritation persists.  
First-aid measures after ingestion : Do not induce vomiting. Give water to drink.

#### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation : After inhalation. Aerosols : May cause a light irritation of the throat and the upper airways.

# Huwa-San Dent PL

## Safety Data Sheet

according to Regulation (EC) No. 453/2010

Symptoms/injuries after ingestion : Slight irritant by ingestion.

### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : All extinguishing media allowed.

### 5.2. Special hazards arising from the substance or mixture

Reactivity : Release of oxygen in contact with impurities, decomposition catalysts and incompatible substances.

### 5.3. Advice for firefighters

No additional information available

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

Protective equipment : Reference to other sections (8.2/13).

#### 6.1.2. For emergency responders

Protective equipment : Reference to other sections (8.2/13).

### 6.2. Environmental precautions

Dilute with water.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Clean contaminated surfaces with an excess of water.

### 6.4. Reference to other sections

Reference to other sections (8, 13).

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Observe normal hygiene standards. Never return spills in original containers for possible later re-use.

### 7.2. Conditions for safe storage, including any incompatibilities

Special rules on packaging : meet the legal requirements.

Packaging materials : stainless steel. aluminium. polyethylene.

### 7.3. Specific end use(s)

Refer to manufacturer/supplier for information on identified use(s).

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Hydrogen peroxide		
Belgium	Limit value (mg/m³)	1,4 mg/m³
Belgium	Limit value (ppm)	1 ppm
The Netherlands	MAC TGG 8H (mg/m³)	1,4 mg/m³
The Netherlands	MAC TGG 8H (ppm)	1 ppm

### 8.2. Exposure controls

Appropriate engineering controls : When using, do not eat, drink or smoke. Wash hands before break and at end of works.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state : Liquid  
Appearance : Liquid.  
Colour : Colourless.  
Odour : Odourless.  
Odour threshold : No data available  
pH : 3.5 – 4.5  
Melting point : - 1 °C  
Solidification point : No data available  
Boiling point : 101 °C

# Huwa-San Dent PL

## Safety Data Sheet

according to Regulation (EC) No. 453/2010

Flash point	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Flammability (solid, gas)	: No data available
Explosive limits	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 1.002 – 1.004 g/cm <sup>3</sup>
Solubility	: No data available
Log Pow	: No data available
Log Kow	: No data available
Self ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: 1,78 mPa.s (0°C)
Explosive properties	: No data available
Oxidising properties	: No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Release of oxygen in contact with impurities, decomposition catalysts and incompatible substances.

### 10.2. Chemical stability

No additional information available

### 10.3. Possibility of hazardous reactions

No additional information available

### 10.4. Conditions to avoid

No additional information available

### 10.5. Incompatible materials

metals. reducers. Bases. combustible materials. Impurities. metal ions. metallic salts.

### 10.6. Hazardous decomposition products

No additional information available

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity	: Not classified
Irritation	: Not classified
	pH: 3.5 – 4.5
Corrosivity	: Not classified
	pH: 3.5 – 4.5
Sensitisation	: Not classified
Repeated dose toxicity	: Not classified
Carcinogenicity	: Not classified
Mutagenicity	: Not classified
Reproductive toxicity	: Not classified

## SECTION 12: Ecological information

### 12.1. Toxicity

No additional information available

### 12.2. Persistence and degradability

No additional information available

### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

No additional information available

# Huwa-San Dent PL

## Safety Data Sheet

according to Regulation (EC) No. 453/2010

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

- Sewage disposal recommendations : Can be disposed as waste water according to local regulation.
- Waste disposal recommendations : Remove to an authorized plant for the destruction, neutralization and elimination of hazardous waste. Treat using the best available techniques before discharge into drains or the aquatic environment.

## SECTION 14: Transport information

No dangerous good in sense of transport regulations.

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

No Annex XVII restrictions

Contains no REACH candidate substance

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No additional information available

## SECTION 16: Other information

Indication of changes

: pH adjustment

Data sources

: The information in this safety data sheet is based on data and samples provided to BIG. The sheet was written to the best of our ability and according to the state of knowledge at that time. The safety data sheet only constitutes a guideline for the safe handling, use, consumption, storage, transport and disposal of the substances/preparations/mixtures mentioned under point 1. New safety data sheets are written from time to time. Only the most recent versions may be used. Old versions must be destroyed. Unless indicated otherwise word for word on the safety data sheet, the information does not apply to substances/preparations/mixtures in purer form, mixed with other substances or in processes. The safety data sheets offers no quality specification for the substances/preparations/mixtures in questions.

Full text of R-, H- and EUH-phrases:

Acute Tox. 4 (Inhalation)	Acute toxicity (inhalation) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Ox. Liq. 1	Oxidising liquids Category 1
Skin Corr. 1A	skin corrosion/irritation Category 1A
H271	May cause fire or explosion; strong oxidizer
H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H332	Harmful if inhaled
R20/22	Harmful by inhalation and if swallowed.
R35	Causes severe burns.
R5	Heating may cause an explosion.
R8	Contact with combustible material may cause fire.
C	Corrosive
O	Oxidising
Xn	Harmful

SDS EU (REACH Annex II)

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*