

# Safety Data Sheet (SDS) HTH ALKALINITY UP

According to SANS 10234/UN GHS 7<sup>th</sup> edition

Revision Date: 31 March 2020

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## SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

### Product identifier:

**Identification as on the label/Trade name:** HTH® Alkalinity Up

**Additional information: Product Code:** AU; AU1

**Relevant identification uses of the substance and uses advised against:**

**Identified uses:** Swimming pool water treatment.

**Uses advised against:** Anything other than swimming pools.

### Details of the supplier of the Safety Data Sheet:

Innovative Water Care SA Holding (Pty) Ltd.

(Reg. No. 2018/623823/07)

P O Box 150, Kempton Park, 1620

Situated At: NCP Chlookop Factory Site

Hytor Street

Chlookop

Kempton Park, 1619

### Emergency telephone numbers:

Poison Information Centre: 0861 555 777 (24 hours)

+27 11 976 2115 (office hours only)

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## SECTION 2. HAZARDS IDENTIFICATION

### Classification of the substances or mixture:

**The mixture is classified according to:**

SANS 10234:2008, Regulation EC 1272/2008 [EU-GHS/CLP]

**Hazard classes/Hazard categories**

Non hazardous

**Hazard statement**

Not required

For full text of H-Statements see section 16

**The most important adverse effects:**



**The most important adverse physiochemical effects:** None.

**The most important adverse human health effects:** None.

**Label elements:**

**Hazard pictograms:** Not required.

**Signal Words:** None.

**Hazard Statements:** None.

**Precautionary Statements:** None.

**Special labelling of certain mixtures:**

**Other hazards:** None known.

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## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Substance/Mixture:** Mixture

**Ingredients:**

Substance name (IUPAC)	CAS-No.	Concentration % by weight	Classification EC1272/2008
	EC-No.		
Sodium bicarbonate	144-55-8	100	Not classified

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available listed in Section 8.

For the full text of the H-Statements mentioned in this Section, see Section 16.

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## SECTION 4. FIRST AID MEASURES

**Description of first aid measures:**

**In case of inhalation:** If breathed in, move person into fresh air. In case of discomfort seek medical attention.

**In case of skin contact:** Brush off loose particles from skin. Rinse thoroughly with plenty of water. Seek medical attention if irritation develops or persists.

**In case of eye contact:** Flush eyes thoroughly with water for 15 minutes. Remove contact lenses after the initial 1-2 minutes and continue flushing for several additional minutes. Seek medical attention if irritation persists.

**In case of ingestion:** Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. In case of discomfort seek medical attention.

**Most important symptoms and effects, both acute and delayed:**

**Inhalation:** None.



**Ingestion:** None.

**Skin Contact:** None.

**Eye Contact:** None.

## **Indication of any immediate medical attention and special treatment needed:**

None known.

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## **SECTION 5. FIREFIGHTING MEASURES**

### **Extinguisher media:**

**Suitable extinguisher media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide appropriate for surrounding fire. Prevent contamination of drains or waterways.

**Unsuitable extinguishing media:** None known.

### **Special hazards arising from the mixture:**

None known.

### **Advice for fire-fighters:**

Evacuate area and contact emergency services. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire.

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## **SECTION 6. ACCIDENTAL RELEASE MEASURES**

### **Personal precautions, protective equipment and emergency procedures:**

**For non-emergency personnel:** Isolate area. Keep unnecessary and unprotected personnel from entering the area. Avoid inhalation, and contact with skin. Refer to Section 7, Handling, for additional precautionary measures. Use appropriate safety equipment. For additional information, refer to Section 8, Exposure Controls and Personal Protection.

**For emergency responders:** As above.

### **Environmental precautions:**

Prevent from entering into soil, ditches, sewers, waterways and/or groundwater.

### **Methods for containment and cleaning up:**

**For small spills:** Contain spilled material if possible. Collect in suitable and properly labelled containers.

**For large spills:** Dike area to contain spill. Collect in suitable and properly labelled containers.

### **Reference to other sections:**



See section 7 for information on safe handling.

See section 8 for information on personal protection equipment.

See section 13 for information on disposal.

**Additional information:**

None known.

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## SECTION 7. HANDLING AND STORAGE

### Precautions for safe handling:

**Protective measures:** Observe directions on label and instructions for use.

**Advice on general occupational hygiene:** Do not eat drink or smoke when handling this product. Wash hands and other exposed areas with mild soap before eating, drinking or smoking.

### Conditions for safe storage, including incompatibilities:

Store in a cool, dry and well ventilated place. Keep container closed when not in use.

### Specific end uses:

Use only as directed.

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## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters:

**Occupational exposure limits:** No data available.

**Biological exposure indices (BEI):** No data available.

**Additional exposure limits under the conditions of use:** No data available.

### Exposure control:

**Appropriate engineering controls:** Use in well ventilated areas. Emergency eye wash stations and safety showers should be available in the immediate vicinity of any potential exposure

### Individual protection measures, such as personal protective equipment:

**Eye/face protection:** Chemical goggles or safety glasses.

**Hand protection:** Use chemical resistant gloves.

**Body protection:** Chemical resistant materials and fabrics.

**Respiratory protection:** If discomfort is experienced, use an approved air-purifying respirator. Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guidelines



**Environmental exposure controls:** None required.

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## **SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

### **Information on basic physical and chemical properties**

**Appearance (form):** Powder

**Colour:** White

**Odour:** None.

**Odour threshold:** Not known.

**pH:** 8.2 (1% solution)

**Melting point/range (°C):** Not known.

**Boiling point/range (°C):** Not known.

**Flash point (°C):** Not known.

**Evaporation rate:** Not known.

**Flammability (solid, gas):** Not known.

**Ignition temperature (°C):** Not known.

**Upper/lower flammability/explosive limits:** Not known.

**Vapour pressure (20°C):** Not known.

**Vapour density:** Not known.

**Relative density (25°C):** Not known.

**Water solubility (g/l) at 20°C:** 8.6g/100ml

**n-Octanol/ Water partition coefficient:** Not known.

**Auto-ignition temperature:** Not known.

**Decomposition temperature:** Not known.

**Viscosity, dynamic (mPa s):** Not known.

### **Physical hazards:**

None.

### **Other information:**

**Fat solubility (solvent-oil to be specified):** Not known.

**Bulk density:** 993 kg/cubic metre



**Dissociation constant in water (p Ka):** Not known.

**Oxidation-reduction potential:** Not known.

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## SECTION 10. STABILITY AND REACTIVITY

### Reactivity:

Product is not sensitive to mechanical shock or impact.

### Chemical stability:

Stable under recommended storage conditions. Decomposes slowly on exposure to moisture.

### Possibility of hazardous reactions:

Hazardous polymerization will not occur.

### Conditions to avoid:

Exposure to moisture or moist air. Temperatures above 65 deg C.

### Incompatible materials:

Acids, Water, Lime

### Hazardous decomposition products:

None known.

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## SECTION 11. TOXICOLOGICAL INFORMATION

### Toxicokinetics, metabolism and distribution:

**Non-human toxicological data:** No data available.

**Method:** No data available.

**Dosage:** No data available.

**Routes of administration:** No data available.

**Results:** No data available.

**Absorption:** No data available.

**Distribution:** No data available.

**Metabolism:** No data available.

**Excretion:** No data available.

### Information on toxicological effects:



**Acute toxicity:** Not classified. LD<sub>50</sub> Oral Rat 7.3mg/kg, LC<sub>50</sub> Inhalation Rat >4.7 mg/l/4h

**Skin corrosion/irritation:** Not classified (pH: 8.2 in 1% solution).

**Serious eye damage/irritation:** Not classified (pH: 8.2 in 1% solution).

**Respiratory or skin sensitization:** No classified.

**Germ cell mutagenicity:** Not classified.

**Carcinogenicity:** Not classified

**Reproductive toxicity:** Not classified.

**STOT-single exposure:** Not classified

**STOT-repeated exposure:** Not classified

**Aspiration hazard:** Not classified

## SECTION 12. ECOLOGICAL INFORMATION

### Toxicity:

No additional data available.

Sodium bicarbonate (144-55-8)	144-55-8
LC <sub>50</sub> Fish 1	8250 – 9000 mg/L (exposure time: 96 h – Species: Lepomis macrochirus (static))
EC <sub>50</sub> Daphnia 1	2350 mg/L (exposure time: 48 h – Species: Daphnia magna)

### Persistence and degradability:

Not established

### Bioaccumulative potential:

Not established.

### Mobility in soil

No data available.

### Results of PBT& vPvB assessment:

No data available.

### Other adverse effects:

Avoid release to the environment.

## SECTION 13. DISPOSAL CONSIDERATIONS

### Waste treatment methods:

Dispose of in accordance with municipal, provincial and national regulations.



**Product/ packaging disposal:**

Recycle where possible.

**SECTION 14. TRANSPORT INFORMATION**

Not regulated for transport

	<b>Land transport (ADR/RID)</b>	<b>Sea transport (IMDG)</b>	<b>Air transport (ICAO/IATA)</b>
<b>UN-Number</b>	Not required	Not required	Not required
<b>UN Proper shipping name:</b>	Not required	Not required	Not required
<b>Transport hazard class:</b>	Not required	Not required	Not required
<b>Packaging group:</b>	Not required	Not required	Not required
<b>Marine pollutant:</b>	No	No	No
<b>Special precautions for user:</b>	Not required	Not required	Not required
<b>Transport in bulk according to MARPOL 73/78 Annex II and the IBC code</b>	Not required	Not required	Not required

**SECTION 15. REGULATORY INFORMATION**

**Safety, health and environmental regulations/legislation for the mixture:**

**Relevant information regarding authorization:** Occupational Health and Safety Act 1993 Regulation for Hazardous Chemical Substances.

**Relevant information regarding restrictions:** None known.

**EU regulations:** Regulation EC 1272/2008 [EU-GHS/CLP]

**Other National regulations:** None.

**Chemical Safety Assessment carried out?** No.

**16. OTHER INFORMATION**

**Indication of changes:**

GHS aligned.

2020/03/31 – Company logo changed to Sigura; Details of the supplier of SDS changed to reflect new entity name.

**Relevant classification and H statements (number and full text):**



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None.

## **Training instructions:**

Use as instructed.

## **Further information:**

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

## **Notice to readers:**

Employers should use this information only as a supplement to other information gathered by them, and should make independent judgement of suitability of this information to ensure proper use and protect the health and safety of employees.

This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.