

Advanced Anti-bacterial Sanitiser**SAFETY DATA SHEET****SECTION 1: IDENTIFICATION****1.1 GHS PRODUCT IDENTIFIER**

HYDRO-E

1.2 COMPANY NAME

JS ADVANCE (Signac Group Pty Ltd)

1.3 ADDRESS

Level 5, Suite 1, 11 The Boulevard,
Strathfield Plaza Strathfield
NSW Australia

1.4 TELEPHONE/FAX NUMBER

Tel: +61 413 209 871

1.5 EMERGENCY PHONE NUMBER

Seek medical advice (show the label or safety data sheet where possible)
+61 413 209 871

1.6 RECOMMENDED USE OF THE CHEMICAL AND RESTRICTIONS ON USE

Disinfecting and sanitizing for general commercial use and sanitising of food products and appliances.

SECTION 2: HAZARD IDENTIFICATION**2.1 GHS CLASSIFICATION OF THE SUBSTANCE/MIXTURE**

Not classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**3.1 INGREDIENTS**

Name	CAS	Proportion
Water	7732-18-5	>99%
Hypochlorous acid	7790-92-3	<1%

Advanced Anti-bacterial Sanitiser

SECTION 4: HEALTH EFFECTS

4.1 INHALATION

No Known Significant effects or critical hazards.

4.2 INGESTION

No Known Significant effects or critical hazards.

4.3 SKIN

No Known Significant effects or critical hazards.

4.4 EYE CONTACT

May cause eye irritation.

4.5 FIRST AID FACILITIES

Eyewash and normal washroom facilities.

SECTION 5: FIRST-AID MEASURES

5.1 SKIN

Immediately wash contaminated skin with plenty of soap and water.

5.2 EYES

Immediately irrigate with copious quantities of water for fifteen minutes. Seek medical assistance if effect persists.

5.3 INGESTION

Give a glass of water or milk to drink. Do not induce vomiting.

5.4 INHALATION

Not volatile

5.5 ADVICE TO DOCTOR

Treat symptomatically.

Advanced Anti-bacterial Sanitiser

SECTION 6: FIREFIGHTING MEASURES

6.1 SUITABLE EXTINGUISHABLE

Use extinguishing media appropriate to surrounding fire.

6.2 HAZARDS FROM COMBUSTION PRODUCTS

Non-combustible material.

6.3 SPECIFIC HAZARDS ARISING FROM THE CHEMICAL

This product is non-combustible

6.4 DECOMPOSITION TEMPERATURE

No data available

6.5 PRECAUTIONS IN CONNECTION WITH FIRE

Fire fighters should wear full protective clothing and self-contained breathing apparatus (SCBA) operated in positive pressure mode. Fight fire from safe locations.

SECTION 7: ACCIDENTAL RELEASE MEASURES

7.1 EMERGENCY PROCEDURES

Wear appropriate personal protective equipment and clothing to prevent exposure. Increase ventilation. If possible, contain the spill. Place inert absorbent material onto spillage. Collect the material and place into a suitable labelled container. Do not dilute material but contain. Dispose of water according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations. As a water-based product, if spilt on electrical equipment the product will cause short-circuits.

SECTION 8: HANDLING AND STORAGE

8.1 PRECAUTIONS OF SAFE HANDLING

Avoid inhalation of vapours and mists, and skin or eye contact. Use only in a well-ventilated area. Keep containers sealed when not in use. Prevent the build-up of mists or vapours in the work atmosphere. Maintain high standards of personal hygiene i.e. Washing hands prior to eating, drinking, smoking, or using toilet facilities.

8.2 CONDITIONS FOR STORAGE, INCLUDING ANY INCOMPATIBILITIES

Store in a cool, dry, well-ventilated area, out of direct sunlight. Store in suitable, labelled, containers. Keep containers tightly closed. Store away from incompatible materials. Ensure that storage conditions comply with applicable local and national regulations. Protect from freezing.

Advanced Anti-bacterial Sanitiser**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

PROPERTIES	DESCRIPTION
Form	Liquid
Appearance	Colourless liquid
Colour	Colourless
Odour	Slightly chlorine odour
Decomposition Temperature	No data available
Boiling Point	>100°C
Solubility in Water	Solubility in water
pH	5.0 - 6.5
Vapour Pressure	No data available
Evaporation Rate	No data available
Odour Threshold	No data available
Viscosity	No data available
Partition Coefficient: noctanol/water	No data available
Density	0.9 - 1.0g/ml (20°C)
Flash point	No data available
Flammability	Non-combustible aqueous
Auto-Ignition Temperature	No data available
Flammable Limits - Lower	No data available
Flammable Limits – Upper	No data available
Explosion Properties	No data available
Oxidising Properties	No data available
Melting/Freezing Point	No data available

SECTION 10: STABILITY AND REACTIVITY**10.1 CHEMICAL STABILITY**

Stable under normal conditions of storage and handling

10.2 REACTIVITY AND STABILITY

Reacts with incompatible materials

10.3 CONDITIONS TO AVOID

Extremes of temperature and direct sunlight

Advanced Anti-bacterial Sanitiser**10.4 INCOMPATIBLE MATERIALS**

No data available

10.5 HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition may result in the release of toxic and/or irritating fumes.

10.6 POSSIBILITY OF HAZARDOUS REACTIONS

No data available

10.7 POLYMERIZATION

No data available

SECTION 11: TOXICOLOGICAL INFORMATION

Product Name	Result	Species	Dose	Exposure
Hydro-E HOCL	No Toxicity	Mouse	26ppm(mg/L)	Acute Oral Toxicity Test (14 Days)
Hydro-E HOCL	No Toxicity	Rabbit	25ppm(mg/L)	Eye Mucosa Irritation Test (4 Days)

Ingestion

No Known Significant effects or critical hazards.

Inhalation

No Known Significant effects or critical hazards.

Skin

No Known Significant effects or critical hazards.

Eye

May cause eye irritation.

SECTION 12: REGULATORY INFORMATION**12.1 REGULATORY INFORMATION**

Not classified as hazardous according to the Globally Harmonised System of classification and labelling of chemicals (GHS) including Work, Health and Safety regulations, Australia.

Not classified as a Scheduled Poison according to Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

Advanced Anti-bacterial Sanitiser

12.2 POISONS SCHEDULE

Not scheduled

12.3 AUSTRALIA (AICS)

All components of this product are listed in the inventory or exempted.

SECTION 13: OTHER INFORMATION

13.1 DATE OF PREPARATION OF LAST REVISION OF SDS

SDS Created: May 2016

SDS Revised: May 2020

13.2 REFERENCES

Preparation of Safety Data Sheet for Hazardous Chemicals Code of Practice.

Standard for the Uniform Scheduling of Medicines and Poisons.

Australian Code for the Transport of Dangerous Good by Road & Rail.

Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.

Workplace exposure standards for airborne contaminants, Safe work Australia.

American Conference of Industrial Hygienists (ACGIH).

Globally Harmonised System of classification and labelling of chemicals.

© Copyright Chemical Safety International Pty Ltd

Copyright in the source code of HTML, PDF, XFO and any other electronic files rendered by an Infosafe system for Infosafe MSDS displayed is the intellectual property of Chemical Safety International Pty Ltd.

Copyright in the layout, presentation and appearance of each Infosafe MSDS displayed is the intellectual property of Chemical Safety International Pty Ltd.

The compilation of MSDS's displayed is the intellectual property of Chemical Safety International Pty Ltd.

Copying of any MSDS displayed is permitted for personal use only and otherwise is not permitted. In particular the MSDS's displayed cannot be copied for the purpose of sale of licence or for inclusion as part of a collection of MSDS without the express consent of Chemical Safety International Pty Ltd.