



SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY UNDERTAKING

1.1 Product Identifier

Product Name	Sani-Cloth Chlor +1000ppm
Product type	Medical Device product –liquid dosed onto a non-woven substrate.
Product No.	XP00309

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

Identified uses	Medical device disinfection (Professional use only)
Uses advised against	Personal hygiene

1.3 Details of the supplier of the safety data sheet

Supplier	PDI Ltd Aber Park Flint UK CH6 5EX Tel: +44 (0) 1352 736700 Fax: +44 (0) 1352 736701
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Contact person: reg@nice-pak.co.uk

1.4 Emergency telephone number

+44 (0) 1352 736700 (0900-1700 UK hours only)

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Product is not classified as hazardous according to either 1999/45/EC and amendments or 1272/2008 and amendments.

2.2 Label elements

None required. Product is not classified as hazardous

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Ingredient	Cas No	EC No	%	Classification
Sodium hypochlorite Solution (active Cl)	7681-52-9	231-668-3	<1%	C; R34, R31, N; R50 H314; H400 Skin Corr. 1B Aquatic Acute 1

See Section 16

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

General

Product consists of a relatively small amount of liquid dosed onto a non-woven substrate

Inhalation

Not considered a route of exposure

Ingestion

Rinse out mouth with water. Do not induce vomiting. Obtain medical assistance if any symptoms appear.

Skin contact

If skin contact is prolonged and gloves not worn, redness or irritation may be experienced. Wash affected areas with soap and water.

If effects persist seek medical advice.

Eye contact

Wash out eye cautiously with copious amounts of water, holding the eye lid open. If any irritation persists, seek medical advice.

4.2 Most Important symptoms and effects, both acute and delayed

Skin contact

Prolonged or repeated direct skin contact may result in redness or irritation

Eye contact

May cause some irritation to eyes if liquid in direct contact.

4.3 Indication of any immediate medical attention and special treatment need

No recommendation given. If any effects persist obtain medical advice.

SECTION 5: FIRE FIGHTING MEASURES (for bulk quantities)

5.1 Extinguishing media

Suitable media: Use extinguishing agent suitable for surrounding fire

Unsuitable media: none known

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

Combustion may liberate carbon oxides and halogenated compounds

5.3 Advice for fire fighters

Containers close to fire should be removed if it can be done without risk.

Prevent any run off water from extinguishing media entering the sewers or water courses.

Wear self contained breathing apparatus and full protective clothing.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Product consists of a liquid dosed onto sheets of a non-woven substrate (ie wipes), all held in a plastic container. There is no free liquid available.

In the unlikely event of handling bulk naked wipes, protective gloves and eye protection should be worn.

Gloves are recommended for prolonged or repeated contact.

6.2 Environmental precautions

Refer to 6.1

6.3 Methods and materials for containment and cleaning up.

Packed product should be picked up and, if possible, returned to stock.

If product is unwrapped and/or unusable it should be swept up and placed in a suitable container eg polyethylene drum, for disposal as hazardous waste.

6.4 Reference to other sections

Wear protective clothing as described in Section 8 of this safety data sheet. Collect and dispose of any spillage as described in Section 11.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid direct contact with bulk unpackaged wipes.

Wipes are single use with no free liquid.

Gloves are recommended for prolonged or repeated use.

Wash hands after use.

7.2 Conditions for safe storage, including any incompatibilities

Ideally wipes should be stored in a cool, dry area avoiding extremes of temperature.

Keep away from food, drink and animal feed stuff.

7.3 Specific end use

Identified use is detailed in Section 1.2

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

No exposure limit value known.

8.2 Exposure controls

Product consists of a liquid dosed onto a non-woven substrate. Wipes are packed in a plastic container There is no available free liquid.

Wipes are single use.

Hand protection

Gloves are recommended for prolonged or repeated use.

Eye protection

Not necessary in normal use

Respiratory equipment

Not necessary in normal use

Hygiene measures

Wash hands after use

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	White non-woven substrate dosed with water like liquid
Odour	Bleach

Properties of dosed liquid:

pH	12.5 approx
Density	1.017g/cm3 approx

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Product may react with acids liberating small amounts of chlorine

10.2 Chemical stability

Stable under normal conditions of use

10.3 Possibility of hazardous reactions

Very unlikely to produce a hazardous reaction in normal use.

10.4 Conditions to avoid

Do not use with other cleaning products.

10.5 Incompatible materials

Acids

10.6 Hazardous decomposition products

Combustion may liberate carbon oxides.

SECTION 11: TOXICOLOGICAL INFORMATION

No information is available for the dosed liquid. The following information is that obtained on sodium hypochlorite

11.1 Information on toxicological effects

Acute toxicity (Oral LD50)	192mg/kg
Acute Toxicity (Dermal LD50)	>3000mg/kg Rabbit
Serious eye damage/Irritation	Corrosive
	Not sensitising
	Not a carcinogen

General

Wipes are single use. Level of liquid on each wipe is relatively low therefore any likelihood of a toxicological effect would be minimal if instructions for use are followed.

Skin Contact

In the unlikely event of continuous or prolonged use with no gloves, irritation and redness of the skin may result

Eye Contact

If product comes in direct contact with the eye, some irritation may be experienced.

Main routes of exposure

Continuous skin contact. Direct contact of the dosed liquid with the eyes.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:

No direct testing has been carried out on the finished product but based on level of the ingredients; no harmful effects on the environment would be expected.

The following information is based on that obtained on testing of the active ingredient (sodium hypochlorite)

12.1 Toxicity

Acute Toxicity – Fish	LC50 96 hours 32ug/l Oncorhynchus kisutch
Acute toxicity – Aquatic Invertebrates	EC50 48 hours 32ug/l Daphnia magna
Acute toxicity – Crustaceans	EC50 48 hours 56400ug/l Palaemonetes pugio

12.2 Persistence and degradability

Liquid is not persistent

12.3 Bioaccumulative potential

Does not bioaccumulate significantly

12.4 Mobility in soil

The liquid is water soluble, however the amounts of liquid involved will not present any problems.

12.5 Results of PBT and vPvB assessment

The product does not contain any PBT or vPvB substances at reportable levels

12.6 Other adverse effects

None known

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Dispose of discarded wipes and containers according to local authority requirements

SECTION 14: TRANSPORT INFORMATION

Packed product is not classified for road or sea transport under ADR 2009 /ADR 2011 or IMDG

SECTION 15 REGULATORY INFORMATION

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

Environmental

Environmental Protection Act 1990 (and amendments)
Hazardous Waste Regulations 2005 (and amendments)

EU Regulations/Directives

Regulation (EC) No 1907/2006 (and amendments) Registration, Evaluation, Authorisation and Restriction of Chemicals
Regulation (EC) No 1272/2008 (and amendments) Classification, Labelling and Packaging Regulations
Biocidal Products Directive 98/8/EC and amendments
Road Transport Regulations ADR 2009 and ADR 2011.
Sea transport regulations (IMDG)

15.2 Chemical Safety Assessment

A toxicological risk assessment has been carried out on this product.

SECTION 16: OTHER INFORMATION

Hazard Statements/Risk Phrases from **ingredients** in SECTION 3

Hazard Statements: (EC (No) 1272/2008)	H314 – Causes severe skin burns and eye damage H400 – Very toxic to aquatic life
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Risk Phrases:	R34 – Causes burns R31 – Contact with acids liberates toxic gas (chlorine) R50 – Very toxic to aquatic organisms
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Revision Date	17 th September 2013
Revision	Issue No 1: New SDS for the medical device version (XP00309) of the device version (WXP00297 Sani-Cloth Chlor).