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# Safety Data Sheet for Fogging & Spraying Applications

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

### 1.1. Product identifier

**Trade name:** SRKYL NON TOXIC SANITISER or Anolyte ANK between 100 to 500 ppm

Active Chlorine from Hypochlorous acid

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

**Recommended uses:** Disinfection & Sanitisation of the Air or Surfaces by Fogging or Spraying.

Use biocides safely. Always read the label and product information before use.

This safety data sheet contains general information concerning the chemical, but specific instructions and guidelines are indicated on the product label and in the instructions for use.

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

**Supplier:** SRKYL SANITISING  
Unit 7a, Parkway Trading Estate  
St.Werburghs Road, Bristol, BS2 9PG

**Tel:** +44 (0) 117 9586860

### 1.4. Emergency telephone number

+44 (0) 7971 173246

### Emergency telephone comments:

The emergency telephone is open between 8 am. and 6 pm everyday including weekends.

## Section 2: Hazards identification

### 2.1. Classification of the substance or mixture

CLP-classification (Regulation (EC) No 1272/2008):

**The product shall not be classified as hazardous according to EU classification and labelling rules.**

Most serious harmful effects: May cause slight irritation to the skin and eyes of people who might suffer with sensitive skin or allergies when in contact with chemicals.

### 2.2 Label elements

**The product shall not be classified as hazardous according to EU classification and labelling rules.**

H-phrases: None

P-phrases: None-

### 2.3 Other hazards

This product does not contain any PBT or vPvB substances

## Section 3: Composition and information on ingredients

### 3.2 Mixtures

For any fogging or spraying applications, the SRKYL NON TOXIC SANITISER or Anolyte ANK contains the active chlorine compound HOCL in the range of 0,01-0,05%. The maximum amount of active chlorine is ~ 0,05%.

**The solution contains no compounds as per the regulations for toxic compounds (67/548/EWG)**

Ingredient	CAS-No	EINICS-No	Wt./Vol. %	Symbols
Sodium chloride	7647-14-5	231-598-3	0.260%	NaCL
Hypochlorous Acid	7790-92-3	323-323-5	0.045%	HOCL
Sodium Hypochlorite	7681-52-9	231-668-3	0.005%	NaOCL
Water	7732-18-5	231-791-2	99.690%	H2O

## Section 4: First aid Measures

### 4.1. Description of first aid measures

Inhalation: In the unlikely event of any discomfort, go outside into the fresh air.

If the symptoms persist, seek medical advice

Ingestion: Wash out mouth thoroughly and drink 1-2 glasses of water in small sips.

Seek medical advice in case of persistent discomfort.

Skin: If any discomfort takes place upon contact with the skin, rinse the skin with water.

Remove any contaminated clothing and rinse with water.

Seek medical advice if any discomfort with the skin persists.

Eyes: In the unlikely event of any discomfort, flush with water (preferably using eye wash equipment) until discomfort subsides. Seek medical advice if symptoms persist.

Other information: When obtaining medical advice, show the safety data sheet or label.

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

Usually not expected to cause any symptoms.

May cause slight irritation to the skin and eyes of people who might suffer with sensitive skin or allergies when in contact with chemicals.

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

Treat symptoms. No special emergency treatment should be required.

### **Section 5: Firefighting Measures**

#### **5.1. Extinguishing media:**

Suitable extinguishing media

The product is not directly flammable.

Choose extinguishing agents based on the surrounding fire.

Unsuitable extinguishing media Do not use water stream, as it may spread the fire

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

The product is not directly flammable.

Avoid excessive inhalation of vapour or fumes directly when opening containers within a confined space – if required move to seek fresh air.

#### **5.3. Advice for firefighters**

Wear Self-Contained Breathing Apparatus (SCBA) with chemical resistant gloves.

### **Section 6: Accidental Release Measures**

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

For non-emergency personnel: Wear gloves.

For non-emergency personnel: In addition to the above:

Normal protective clothing equivalent to EN 469 is recommended.

#### **6.2. Environmental precautions**

Do not discharge large quantities of concentrated spills and residue into drains.

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

Contain and absorb spill with sand or other absorbent material and transfer to suitable waste containers.

Wipe up minor spills with a cloth. Rinse with water.

#### **6.4. Reference to other sections**

See section 8 for type of protective equipment. See section 13 for instructions on disposal.

## Section 7: Handling and Storage

### 7.1. Precautions for safe handling:

Running water and eye wash equipment should be available.

Wash hands before breaks, before using restroom facilities, and at the end of work.

### 7.2 Conditions for safe storage including any incompatibilities:

Store in a dry, cool, well-ventilated area.

Shelf life: approximately 12 months.

Keep in tightly closed original packaging.

### 7.3. Specific end use(s)

None

## Section 8: Exposure Control/ Personal Protection

### 8.1. Control parameters

Legal basis: Directive 2000/39/EC as subsequently amended.

Contains no substances subject to reporting requirements.

### 8.2. Exposure controls

Under normal conditions of use, there is **NO** need to apply specific exposure control measures.

Provide adequate ventilation within the places the product is being used.

In accordance with Regulation (EEC) 793/93 on the evaluation and control of the risks of existing substances, the risk assessment has been carried out and **NO** significant risks were identified in the scenarios of professional use developed under the Technical Guideline for human exposure.

**Eye/face protection** - **NO** special protection required during normal use of the product, in case of manipulation of large quantities, wear eye protection.

**Skin protection** - **NO** special protection required during normal use of the product, in case of prolonged contact and manipulation of large quantities, wear protective gloves made of latex or rubber.

**Respiratory protection** - **NO** special protection required during normal use of the product, in case of handling of large quantities and in situations of inadequate ventilation in the production area, with consequent possibility of accumulation of vapour, wear suitable breathing equipment.

**Environmental exposure controls** - **NO** special precautions are required: at the concentration present in the mixture ( $\leq 0.05\%$ ), the active chlorine degrades very quickly in the environment in the presence of light and/or organic substances.

## Section 9: Chemical and Physical Properties

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

State:	Liquid
Colour:	Clear
Odour:	Slight Chlorine
Odour threshold:	No data
pH (solution for use):	No data
pH (concentrate):	6 - 7.5
Melting point/freezing point:	0°C.
Initial boiling point and boiling range:	100°C.
Flash point:	No data
Evaporation rate:	No data
Flammability:	No data
Upper/lower flammability limits:	No data
Upper/lower explosive limits:	No data
Vapour pressure:	2,33 Pa
Vapour density:	No data
Relative density:	1
Solubility:	Solubility in water: Completely miscible
Partition coefficient of n-octanol/water:	No data
Auto-ignition temperature:	No data
Decomposition temperature:	No data
Viscosity:	No data
Explosive properties:	No data
Oxidising properties:	No data

**9.2. Other information** None

## Section 10: Stability and Reactivity

### 10.1. Reactivity

Not reactive.

### 10.2. Chemical stability

The product is stable when used in accordance with the supplier's directions.

### 10.3. Possibility of hazardous reactions

None known.

### 10.4. Conditions to avoid

None known.

### 10.5. Incompatible materials

None known.

### 10.6. Hazardous decomposition products

None known.

## Section 11: Toxicological Information

**Acute toxicity - oral:** Ingestion of large quantities may cause discomfort.

The product does not have to be classified. Test data is not available.

**Acute toxicity - dermal:** The product does not have to be classified. Test data is not available.

**Acute toxicity - inhalation:** The product does not have to be classified. Test data is not available.

**Skin corrosion/irritation:** May cause slight irritation.

The product does not have to be classified. Test data are not available.

**Serious eye damage/eye irritation:** May cause eye irritation.

The product does not have to be classified. Test data are not available.

**Respiratory sensitization or skin sensitization:**

The product does not have to be classified. Test data is not available.

**Germ cell mutagenicity:** The product does not have to be classified. Test data is not available.

**Carcinogenic properties:** The product does not have to be classified. Test data is not available.

**Reproductive toxicity:** The product does not have to be classified. Test data is not available.

**Single STOT exposure:** Inhalation of vapours may cause irritation to the upper airways.

The product does not have to be classified. Test data is not available.

**Repeated STOT exposure:** The product does not have to be classified. Test data is not available.

**Aspiration hazard:** The product does not have to be classified. Test data is not available.

**Other toxicological effects:** None known.

## Section 12: Ecological Information

### 12.1. Toxicity

The product does not have to be classified. Test data is not available.

### 12.2. Persistence and degradability

Expected to be biodegradable. Test data is not available.

### 12.3. Bioaccumulative potential

No bioaccumulation expected. Test data is not available.

### 12.4. Mobility in soil

Test data is not available.

### 12.5. Results of PBT and vPvB assessment

The product does not contain any PBT or vPvB substances.

### 12.6. Other adverse effects

None known.

## **Section 13: Disposal considerations**

### **13.1. Waste treatment methods**

Do not discharge large quantities of concentrated spills and residue into drains.

Contact the local authorities. EWC code: Depends online of business and use, for instance 16 03 04.

Inorganic wastes other than those mentioned in 16 03 03

Absorbent/cloth contaminated with the product: EWC code: 15 02 03

Absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02.

Empty, cleansed packaging should be disposed of for recycling.

## **Section 14: Transport information**

The product is not covered by the rules for transport of dangerous goods.

**14.1. UN number – Not required**

**14.2. UN proper shipping name - Not required**

**14.3. Transport hazard class(es) - Not required**

**14.4. Packing group -**

**14.5. Environmental hazards -None**

**14.6. Special precautions for user -None**

**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code –**

## **Section 15: Regulatory Information**

Regulation (EU) No 528/2012 of the European Parliament and of the Council of 22 May 2012 concerning the making available on the market and use of biocidal products.

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

**Special provisions:** None.

**15.2. Chemical safety assessment**

Chemical safety assessment has not been performed.

## **Section 16: Other Information**

**Abbreviation explanations:** PBT: Persistent, Bioaccumulative and Toxic  
vPvB: Very Persistent and Very Bioaccumulative  
STOT: Specific Target Organ Toxicity

**Classification method:** Calculation based on the hazards of the known components.

**H-phrases:** **No H-phrases.**

**Training:** A thorough knowledge of this safety data sheet should be a prerequisite condition.

**Other information:**

This safety data sheet has been prepared for and applies to this product only.

It is based on our current knowledge and the information that the supplier was able to provide about the product at the time of preparation.

The safety data sheet complies with applicable law on preparation of safety data sheets in accordance with 1907/2006/EC (REACH) as subsequently changed.

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