

# OIAX+

## SAFETY DATA SHEET

### OIAX+ Disinfection Liquid – NITROGEN

According to Regulation (EC) No 1907/2006, Annex II, as amended.

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

##### 1.1. Product identifier

Product name OIAX+ Disinfection Liquid – NITROGEN

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

Identified uses Disinfectant.

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

Supplier Oiax AB  
Box 15  
43212 Varberg

##### 1.4. Emergency telephone number

National emergency telephone number 112

#### SECTION 2: Hazards identification

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

###### Classification (EC 1272/2008)

Physical hazards Aerosol 3 - H229

Health hazards Not Classified

Environmental hazards Not Classified

##### 2.2. Label elements

Signal word Warning

Hazard statements H229 Pressurised container: may burst if heated.

Precautionary statements P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P251 Do not pierce or burn, even after use.  
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Supplemental label information ADD1 0% by mass of the contents are flammable

##### 2.3. Other hazards

Contains: This product does not contain any substances classified as PBT or vPvB.

#### SECTION 3: Composition/information on ingredients

##### 3.2. Mixtures

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<b>WATER</b>	<b>70-90%</b>
CAS number: 7732-18-5	EC number: 231-791-2
<b>Classification</b> Not Classified	
<b>NITROGEN</b>	<b>1-1.99%</b>
CAS number: 7727-37-9	EC number: 231-783-9
<b>Classification</b> Press. Gas (Comp.) - H280	
<b>Hypochlorous acid</b>	<b>0,02-0,03%</b>
CAS number: 7790-92-3	EC number: 232-232-5
<b>Classification</b> Not Classified	

The full text for all hazard statements is displayed in Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>General information</b>	Get medical attention if any discomfort continues.
<b>Inhalation</b>	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.
<b>Ingestion</b>	Drink a few glasses of water or milk. Do not induce vomiting.
<b>Skin contact</b>	Wash skin thoroughly with soap and water.
<b>Eye contact</b>	Rinse with water. Get medical attention if any discomfort continues.

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

<b>General information</b>	The product is considered to be a low hazard under normal conditions of use.
<b>Skin contact</b>	Prolonged contact may cause redness, irritation and dry skin.
<b>Eye contact</b>	May cause temporary eye irritation.

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

<b>Notes for the doctor</b>	No specific recommendations.
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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

**Suitable extinguishing media** Extinguish with foam, carbon dioxide or dry powder.

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

**Specific hazards** Pressurised container: may burst if heated

#### 5.3. Advice for firefighters

**Protective actions during firefighting** Use water to keep fire exposed containers cool and disperse vapours.

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**Special protective equipment for firefighters** Wear chemical protective suit. Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

### SECTION 6: Accidental release measures

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

**Personal precautions** For personal protection, see Section 8.

#### 6.2. Environmental precautions

**Environmental precautions** Avoid the spillage or runoff entering drains, sewers or watercourses.

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

**Methods for cleaning up** Large Spillages: Contain and absorb spillage with sand, earth or other non-combustible material. Small Spillages: Wipe away with paper or textile fabric.

#### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8. For waste disposal, see section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Usage precautions** Good personal hygiene procedures should be implemented. Avoid eating, drinking and smoking when using the product.

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

**Storage precautions** Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C.

#### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

### SECTION 8: Exposure controls/Personal protection

#### 8.1. Control parameters

#### 8.2. Exposure controls

**Appropriate engineering controls** No specific ventilation requirements.

**Eye/face protection** No specific eye protection required during normal use. Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.

**Hand protection** Hand protection not required.

**Hygiene measures** When using do not eat, drink or smoke.

**Respiratory protection** No specific requirements are anticipated under normal conditions of use.

### SECTION 9: Physical and chemical properties

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

**Appearance** Aerosol.

**Colour** Colourless.

**Odour** Slight.

**Odour threshold** Not determined.

**pH** Not determined.

**Melting point** Not determined.

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<b>Initial boiling point and range</b>	Not determined.
<b>Flash point</b>	Not determined.
<b>Evaporation rate</b>	Not determined.
<b>Evaporation factor</b>	Not determined.
<b>Flammability (solid, gas)</b>	Not determined.
<b>Upper/lower flammability or explosive limits</b>	Not determined.
<b>Other flammability</b>	Not determined.
<b>Vapour pressure</b>	Not determined.
<b>Vapour density</b>	Not determined.
<b>Relative density</b>	~1
<b>Bulk density</b>	Not determined.
<b>Solubility(ies)</b>	Soluble in water.
<b>Partition coefficient</b>	Not determined.
<b>Auto-ignition temperature</b>	Not determined.
<b>Decomposition Temperature</b>	Not determined.
<b>Viscosity</b>	Not determined.
<b>Explosive properties</b>	Not determined.
<b>Explosive under the influence of a flame</b>	No
<b>Oxidising properties</b>	Not determined.

### 9.2. Other information

<b>Other information</b>	Not relevant.
<b>Refractive index</b>	Not determined.
<b>Particle size</b>	Not determined.
<b>Molecular weight</b>	Not determined.
<b>Volatility</b>	Not determined.
<b>Saturation concentration</b>	Not determined.
<b>Critical temperature</b>	Not determined.
<b>Volatile organic compound</b>	No information required.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity**                      There are no known reactivity hazards associated with this product.

### 10.2. Chemical stability

**Stability**                        No studies performed.

### 10.3. Possibility of hazardous reactions

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**Possibility of hazardous reactions** Not known.

### 10.4. Conditions to avoid

**Conditions to avoid** Pressurised container: may burst if heated

### 10.5. Incompatible materials

**Materials to avoid** No specific material or group of materials is likely to react with the product to produce a hazardous situation.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Not known.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Toxicological effects** No data is available regarding the preparation it self.

#### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** Based on available data the classification criteria are not met.

#### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** Based on available data the classification criteria are not met.

#### Acute toxicity - inhalation

**Notes (inhalation LC<sub>50</sub>)** Based on available data the classification criteria are not met.

#### Skin corrosion/irritation

**Skin corrosion/irritation** Based on available data the classification criteria are not met.

#### Serious eye damage/irritation

**Serious eye damage/irritation** Based on available data the classification criteria are not met.

#### Respiratory sensitisation

**Respiratory sensitisation** Based on available data the classification criteria are not met.

#### Skin sensitisation

**Skin sensitisation** Based on available data the classification criteria are not met.

#### Germ cell mutagenicity

**Genotoxicity - in vitro** Does not contain any substances known to be mutagenic.

#### Carcinogenicity

**Carcinogenicity** Does not contain any substances known to be carcinogenic.

#### Reproductive toxicity

**Reproductive toxicity - fertility** Does not contain any substances known to be toxic to reproduction.

#### Specific target organ toxicity - single exposure

**STOT - single exposure** Based on available data the classification criteria are not met.

#### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** Based on available data the classification criteria are not met.

#### Aspiration hazard

**Aspiration hazard** Not relevant.

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**Skin contact** Prolonged contact may cause redness, irritation and dry skin.

**Eye contact** May cause temporary eye irritation.

### SECTION 12: Ecological information

**Ecotoxicity** There are no data on the ecotoxicity of this product.

#### 12.1. Toxicity

**Toxicity** No data is available regarding the preparation itself.

#### 12.2. Persistence and degradability

**Persistence and degradability** There are no data on the degradability of this product.

#### 12.3. Bioaccumulative potential

**Bioaccumulative potential** No data available on bioaccumulation.

**Partition coefficient** Not determined.

#### 12.4. Mobility in soil

**Mobility** No information available

#### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

#### 12.6. Other adverse effects

**Other adverse effects** No information required.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

**General information** The manufacturer of this product complies with the rules and regulations of the European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste, by paying packaging fees for disposal and recycling of packaging waste. Empty containers is sent for recycling. Spillages and not empty containers are treated as dangerous waste. Observe local regulations.

### SECTION 14: Transport information

#### 14.1. UN number

**UN No. (ADR/RID)** 1950

**UN No. (IMDG)** 1950

**UN No. (ICAO)** 1950

**UN No. (ADN)** 1950

#### 14.2. UN proper shipping name

**Proper shipping name (ADR/RID)** AEROSOLS

**Proper shipping name (IMDG)** AEROSOLS

**Proper shipping name (ICAO)** AEROSOLS

**Proper shipping name (ADN)** AEROSOLS

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### 14.3. Transport hazard class(es)

ADR/RID class	2.2
ADR/RID classification code	5A,5O
ADR/RID label	2.2
IMDG class	2.2
ICAO class/division	2.2
ADN class	2.2

### Transport labels



### 14.4. Packing group

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

### 14.6. Special precautions for user

EmS	F-D, S-U
ADR transport category	3
Tunnel restriction code	(E)

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

## SECTION 15: Regulatory information

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

<b>National regulations</b>	COUNCIL DIRECTIVE of may 1975 on the approximation of the laws of the Member States relating to aerosol dispensers.
<b>EU legislation</b>	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended). Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended). Council Directive of 20 May 1975 on the approximation of the laws of the Member States relating to aerosol dispensers (75/324/EEC) (as amended).

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

<b>General information</b>	A review of safety data sheet with staff to manage the product recommended.
<b>Issued by</b>	Björkstедt
<b>Revision date</b>	03/09/2020
<b>Revision</b>	1
<b>SDS number</b>	21720

## OIAX+ Disinfection Liquid – NITROGEN

### **Hazard statements in full**

H229 Pressurised container: may burst if heated.

H280 Contains gas under pressure; may explode if heated.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.