



MYAIRSHIELD LIMITED

NOVEMBER 2020



TABLE OF CONTENTS

1. Product Overview

2. Ingredients

3. Registrations

1. ECHA Report
2. CE certificates
3. FDA certificates
4. German
5. France

4. Product Packing

5. Contact



1. PRODUCT OVERVIEW

MyAirShield™ is an advanced disinfectant device that helps sanitize the air around you by spreading a low concentration of stabilized Chlorine Dioxide gas, one of the best agents against microbial life. The patented formula provides up to 90 days of active air purification and aids in disinfecting your breathing space. Perfect to use in crowded indoor environments, or high-risk situations such as planes, trains, cars, elevators, offices, conference rooms, hospitals, and other closed areas - even at home.

MyAirShield™ is easy to use - just open the sealed package inside the box, take out the device and attach it to your shirt, hang it around your neck, or place it anywhere you would prefer to have cleaner air surrounding you.

Chlorine dioxide (ClO) has a strong antiviral effect and can disinfect the surface of objects and the air in space. In a recent study on the interaction between ClO and protein, ClO oxidatively modified tyrosine and tryptophan residues, and the protein was structurally denatured. Since hemagglutinin and neuraminidase of influenza virus A/H1N1 were inactivated by the reaction with ClO, it is likely that denaturation of the proteins caused inactivation of the virus. A low concentration (0.03 ppm) of ClO gas, where people can stay for a long period of time without any harmful effect, prevented the death of mice caused by infection of influenza virus delivered as an aerosol. We review current information based on the efficiency of ClO solution and gas, and also discuss the application of ClO against influenza pandemic outbreak.





2. INGREDIENTS

Compound ingredients:

Active:

Sodium Chlorite, CAS 7758-19-2

Inactive:

Aluminum Oxide, CAS 1344-28-1
Sodium Aluminate, CAS 11138-49-1
Sodium Chloride, CAS 7647-14-5
Sodium Carbonate, CAS 497-19-8



3. REGISTRATIONS

Compliance with Article 95(2) of Regulation (EU) No 528/2012

To Member States competent authorities for the implementation of Regulation (EU) No 528/2012

Dear Sir or Madam,

The undersigned, representative of **Liche Opto Group Co., Limited.** (立車光電集團有限公司) (CR No.: 2245483), registered office: RM 2105 TJ2800 Trend Centre 29-31 Cheung Lee St Chai Wan, Hong Kong, People's Republic of China ("Company"), pursuant to Article 95(1) of Regulation (EU) No 528/2012, hereby confirms that:

Soc. **Chimica Emilio Fedeli S.p.A.**, Via del Brennero, 48, 56123 PISA, Italy ("Distributor") distributing for **Caffaro Brescia S.r.l.**, Via F. Nullo n. 8, 25126 Brescia, Italy ("Supplier"), listed as substance supplier for:

sodium chlorite as precursor for the biocidal active substance Chlorine dioxide generated from sodium chlorite by acidification

is substance supplier to Company.

Signed:  Liche Opto Group Co., Ltd (Oct 10, 2020 10:06 GMT+8)



Stamp: _____

Name and capacity: **Li Jiawang**, General Manager

Date: **10/10/2020**



Soc. Chimica Emilio Fedeli S.p.A.

UNIPERSONALE

Società sottoposta alla attività di direzione e coordinamento di "FIN-TODISCO & C. S.p.A."
Prodotti Chimici Industriali



To Whom it may concern

PISA, 04/05/2015

Supply of Biocidal Active Substances in Europe

From 1st September 2015 biocidal products may be sold within the European Union only if the suppliers of all the active substances in a biocidal product have contributed to the BPR (Biocidal Products Regulation 528/2012) approval process for those active substances. Biocidal product are defined in the following manner (ECHA - : Guidance on the Biocidal Products Regulation Volume V, Guidance on active substances and suppliers (Article 95 list):

Any substance or mixture, in the form in which it is supplied to the user, consisting of, containing or generating one or more active substances, with the intention of destroying, deterring, rendering harmless, preventing the action of, or otherwise exerting a controlling effect on, any harmful organism by any means other than mere physical or mechanical action.

Any substance or mixture, generated from substances or mixtures which do not themselves fall under the first indent, to be used with the intention of destroying, deterring, rendering harmless, preventing the action of, or otherwise exerting a controlling effect on, any harmful organism by any means other than mere physical or mechanical action.

The substance SODIUM CHLORITE SOLUTION 25-31% w/w- main precursor of the active substance Chlorine Dioxide by acidification, oxidation, electrolysis- sold in Europe by Soc. Chimica Emilio Fedeli S.p.A.- UNIPERSONALE is produced by Caffaro Brescia S.r.l an existing participant in the BPR review programme included in the BPR Article 95 list of active substance suppliers published by the European Chemicals Agency (ECHA) [For more information on the Article 95 list, please visit the ECHA website at <http://echa.europa.eu/web/guest/information-on-chemicals/active-substance-suppliers>] for the following PTs: 2,3,4,5,11,12.

- PT 02: Private area and public health area disinfectants and other biocidal products,
- PT 03: Veterinary hygiene biocidal products
- PT 04: Food and feed area disinfectants
- PT 05: Drinking water disinfectants
- PT 11: Preservatives for liquid-cooling and processing systems
- PT 12: Slimicides

The substance/precursor sold to our customers in the European Economic Area by SCEF therefore is from a supplier meeting the requirements described in Article 95 of the BPR. Hence biocidal product consisting of/ containing/ generating this active substance, provided that all other requirements are met, can continue to be sold along the supply chain after the September 2015 deadline.

SCEF is actively working to ensure the approval of the biocidal active substance as required within the mandatory deadlines as the implementation of the BPR continues.

Please do not hesitate to contact us should you require further information. **SOC. CHIMICA EMILIO FEDELI S.p.A.**

FIRMA

UNIPERSONALE
Via del Brennero, 48 - 56123 PISA
C.F./P.I./A.I./Pec: 07399740506

Sede legale: Via del Brennero, 48 - 56123 Pisa - Tel + 39 050555998 (4 linee r.a.) - Fax + 39 050830554
C.F./P. IVA /R.I. PISA 01339740506 - Capitale Sociale €2.000.000.00 I.V. - C.C.I.A.A. Pisa R.E.A. Pisa n° 116442
www.chimicafedeli.it

ECHA - Art95 Confirmation letter Liche Opto Group Ltd

Final Audit Report

2020-10-10

Created:	2020-10-09
By:	Martin Schein (sheinmartin@gmail.com)
Status:	Signed
Transaction ID:	CBCHBCAABAABAJHqXh_atfmlBdL7WZBDUNJ7NclgdlH5

"ECHA - Art95 Confirmation letter Liche Opto Group Ltd" History

Document created by Martin Schein (sheinmartin@gmail.com)

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Agreement completed.

2020-10-10 - 2:06:36 AM GMT



CERTIFICATE OF EXPORT

A Certificate of Free Sale, sometimes called a "Certificate for Export" or "Certificate to Foreign Governments," is evidence that goods, such as food items, cosmetics, biologics, or medical devices, are legally sold or distributed in the open market, freely without restriction, and approved by the regulatory authorities in the country of origin. (From: S hipping Solutions)



OCCUPATIONAL HEALTH SAFETY MANAGEMENT
SYSTEM CERTIFICATE IN ACCORDANCE WITH ISO

The Occupational Health and Safety Assessment Series (OHSAS) 18001 is a well-known British standard that was developed in 1999 by more than a dozen international bureaus and certification bodies. Since 1999, the International Labor Office (ILO), numerous countries, and other organizations have developed OHSMS guidelines. An OHSMS is a framework that allows an organization to consistently identify and control its health and safety risks, reduce the potential for incidents, help achieve compliance with health and safety legislation and continually improve its performance. Advantages of this include a safer workplace, improved employee morale, reduced costs, stakeholder confidence, and more. Most successful OHSMSs are based on a common set of key elements. These include management leadership, employee participation, hazard identification, hazard prevention and control, education and training, and program evaluation and improvement. (From: [Corden Corporation](#))



ISO 9001

ISO 9001 sets out the criteria for a quality management system and is the only standard that can be certified to (although this is not a requirement). There are over one million companies and organizations in over 170 countries certified to ISO 9001. This standard is based on a number of quality management principles including a strong customer focus, the motivation and implication of top management, the process approach and continual improvement. These principles are explained in more detail in ISO's quality management principles. Using ISO 9001 helps ensure that customers get consistent, good-quality products and services, which in turn brings many business benefits. (From: [ISO](#))



ISO 14001:2015

ISO 14001:2015 specifies the requirements for an environmental management system that an organization can use to enhance its environmental performance. ISO 14001:2015 is intended for use by an organization seeking to manage its environmental responsibilities in a systematic manner that contributes to the environmental pillar of sustainability. ISO 14001:2015 can be used in whole or in part to systematically improve environmental management. (From: [ISO](#))





MyAirShield

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830
Issue date: 10/7/2020 Version: 1.0

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

1.1. Product identifier

Product form : Mixture
Trade name : MyAirShield
Synonyms : MyAirShield (sealed packaged before the first use)

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

1.2.1. Relevant identified uses
Main use category : Professional use, Consumer use
Function or use category : Disinfectant

1.2.2. Uses advised against
No additional information available

1.3. Details of the supplier of the safety data sheet

MYAIRSHIELD B.V.
Jobb Geesinkweg 901-999,
1114 AB Amsterdam - Duivendrecht - Netherlands
T +31203698188
info@myairshield.nl

1.4. Emergency telephone number

Country	Organisation/Company	Address	Emergency number	Comment
Ireland	National Poisons Information Centre Beaumont Hospital	PO Box 1297 Beaumont Road 9 Dublin	+353 1 809 2566 (Healthcare professionals- 24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7)	

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Met. Corr. 1 H290
Acute Tox. 4 (Oral) H302
Acute Tox. 3 (Dermal) H311
Skin Corr. 1A H314
Eye Dam. 1 H318
STOT RE 2 H373

Full text of hazard classes and H-statements : see section 16

Adverse physicochemical, human health and environmental effects

Toxic in contact with skin. Harmful if swallowed. Causes severe skin burns and eye damage. May cause damage to organs (spleen) through prolonged or repeated exposure. Corrosive to the respiratory tract. May be corrosive to metals. Contact with acids liberates very toxic gas.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



10/7/2020 (Version: 1.0)

EN (English)

1/11

MyAirShield

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Signal word (CLP) : Danger
Contains : Sodium chlorite; Aluminum sodium oxide
Hazard statements (CLP) : H200 - May be corrosive to metals.
H302 - Harmful if swallowed.
H311 - Toxic in contact with skin.
H314 - Causes severe skin burns and eye damage.
H373 - May cause damage to organs (spleen) through prolonged or repeated exposure.
Precautionary statements (CLP) : P101 - If medical advice is needed, have product container or label at hand.
P102 - Keep out of reach of children.
P103 - Read carefully and follow all instructions.
P301+P330+P331+P310 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.
P303+P361+P353+P310 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.. Immediately call a POISON CENTER, a doctor, P305+P351+P338+P310 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor.
P501 - Dispose of contents/container to an approved waste disposal plant.
EUH-statements : EUH032 - Contact with acids liberates very toxic gas.
EUH071 - Corrosive to the respiratory tract.

Labelling according to: exemption for packages of a capacity of 125ml or less

Hazard pictograms (CLP)



Signal word (CLP) : Danger
Hazardous ingredients : Sodium chlorite; Aluminum sodium oxide
Hazard statements (CLP) : H302 - Harmful if swallowed.
H311 - Toxic in contact with skin.
H314 - Causes severe skin burns and eye damage.
H373 - May cause damage to organs (spleen) through prolonged or repeated exposure.
Precautionary statements (CLP) : P101 - If medical advice is needed, have product container or label at hand.
P102 - Keep out of reach of children.
P103 - Read carefully and follow all instructions.
P301+P330+P331+P310 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor.
P303+P361+P353+P310 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.. Immediately call a POISON CENTER, a doctor, P305+P351+P338+P310 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor.
EUH-statements : EUH032 - Contact with acids liberates very toxic gas.
EUH071 - Corrosive to the respiratory tract.

2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

10/7/2020 (Version: 1.0)

EN (English)

2/11

MyAirShield

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Aluminium oxide	(CAS-No.) 1344-28-1 (EC-No.) 215-691-6	50 – 70	Not classified
Sodium chlorite	(CAS-No.) 7758-19-2 (EC-No.) 231-836-6	20 – 25	Ox. Liq. 1, H271 Acute Tox. 3 (Oral), H301 Acute Tox. 2 (Dermal), H310 Skin Corr. 1B, H314 STOT RE 2, H373 Aquatic Acute 1, H400 Aquatic Chronic 3, H412
Aluminum sodium oxide	(CAS-No.) 11138-49-1 (EC-No.) 234-391-6	5 – 10	Met. Corr. 1, H290 Skin Corr. 1A, H314 Eye Dam. 1, H318

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : Move the affected person away from the contaminated area and into the fresh air. Seek medical attention if burns develop.
First-aid measures after skin contact : Take off immediately all contaminated clothing. Rinse skin with water/shower. Call a physician immediately.
First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.
First-aid measures after ingestion : Rinse mouth. Do not induce vomiting. Call a physician immediately.

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

Symptoms/effects after inhalation : Corrosive to respiratory system. Causes burns.
Symptoms/effects after skin contact : Burns.
Symptoms/effects after eye contact : Serious damage to eyes.
Symptoms/effects after ingestion : Burns.
Chronic symptoms : Spleen affection.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray, Alcohol resistant foam.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

10/7/2020 (Version: 1.0)

EN (English)

3/11

MyAirShield

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel : Ventilate spillage area. Do not breathe dust. Avoid contact with skin, eyes and clothing.
Emergency procedures :
6.1.2. For emergency responders :
Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Mechanically recover the product.
Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Do not breathe dust. Do not get in eyes, on skin, or on clothing. Wear personal protective equipment. Take any precaution to avoid mixing with Acids.
Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store locked up. Store in a well-ventilated place. Keep cool.
Incompatible materials : Acids.
Packaging materials : Store in original container. Packing material to avoid : Metals.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Aluminium oxide (1344-28-1)	
Ireland - Occupational Exposure Limits	
Local name	Aluminium oxides
OEL (8 hours ref) (mg/m ³)	10 mg/m ³ total inhalable dust 4 mg/m ³ respirable dust
Regulatory reference	Chemical Agents Code of Practice 2020

8.2. Exposure controls

Appropriate engineering controls:
Ensure good ventilation of the work station.

10/7/2020 (Version: 1.0)

EN (English)

4/11

MyAirShield

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Hand protection:

Neprene or nitrile rubber gloves. Butyl-rubber protective gloves. (complying with ISO 374-1:2016 standard). Layer thickness : > 0.3mm.
Breakthrough time : > 480

Eye protection:

Sealed safety goggles. (complying with EN 166)

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Appearance	: Pellet (1-6 mm).
Colour	: White.
Odour	: Very slight.
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: Not applicable
Boiling point	: No data available
Flash point	: Not applicable
Auto-ignition temperature	: Not applicable
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not flammable.
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Solubility	: Soluble in water.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: Not applicable
Viscosity, dynamic	: Not applicable
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: Not applicable

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

React in contact of acids.

10.2. Chemical stability

Stable under normal conditions.

10/7/2020 (Version: 1.0)

EN (English)

5/11

MyAirShield

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

10.3. Possibility of hazardous reactions

Contact with acids liberates very toxic gas.

10.4. Conditions to avoid

High temperature. Direct sunlight. Moisture.

10.5. Incompatible materials

Acids, Metals.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Harmful if swallowed.
Acute toxicity (dermal)	: Toxic in contact with skin.
Acute toxicity (inhalation)	: Not classified (Based on available data, the classification criteria are not met)

MyAirShield

ATE CLP (oral)	1245.614 mg/kg bodyweight
ATE CLP (dermal)	587.719 mg/kg bodyweight

Aluminium oxide (1344-28-1)

LD50 oral rat	> 15900 mg/kg (OECD 401)
LC50 Inhalation - Rat (Dust/Mist)	> 888 mg/m ³ air (OECD 403 method)

Sodium chlorite (7758-19-2)

LD50 oral rat	284 mg/kg (OECD 401 method)
LD50 dermal rabbit	134 mg/kg (EPA guideline 158.81-2)

Skin corrosion/irritation	: Causes severe skin burns.
Serious eye damage/irritation	: Causes serious eye damage.
Respiratory or skin sensitisation	: Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	: Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met)

STOT-single exposure	: Not classified (Based on available data, the classification criteria are not met)
Additional information	: If dust are formed : Corrosive to the respiratory tract.

STOT-repeated exposure : May cause damage to organs (spleen) through prolonged or repeated exposure.

Aspiration hazard : Not classified (Technical impossibility to obtain the data)

MyAirShield

Viscosity, kinematic	Not applicable
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10/7/2020 (Version: 1.0)

EN (English)

6/11

MyAirShield

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Other information : The Granules will slowly release chlorine dioxide on contact with the air. The concentration level of chlorine dioxide released from the MyAirShield badge and granules, according to several studies, are far below any harmful levels. For example: The maximum concentration level of chlorine dioxide, measured by a third party laboratory, from a MyAirShield badge in a closed 1 m3 chamber is 0.01ppm, corresponding to 0,000001% in the air, thus far below the explosion limit of the substance (around 10%), and 10 times below the WHO and OSHA permitted occupational level for 8 hours a day of 0.1 ppm.
See various links to studies on CLO2 in section 16.

SECTION 12: Ecological information

12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute)	: Not classified (Based on available data, the classification criteria are not met)
Hazardous to the aquatic environment, long-term (chronic)	: Not classified (Based on available data, the classification criteria are not met)

Not rapidly degradable

Aluminium oxide (1344-28-1)

LC50 fish	> 100 mg/l (96 Hours) (Salmo trutta) (OECD 203 method)
EC50 Daphnia	> 100 mg/l (48 Hours) (Daphnia magna) (OECD 202 method)
ErC50 (algae)	> 100 mg/l (48 Hours) (Selenastrum capricornutum) (OECD 201 method)

Sodium chlorite (7758-19-2)

LC50 fish	105 mg/l/96h (Cyprinodon variegatus) (EPA OPP 72-1)
EC50 Daphnia	< 1 mg/l/48 h (Daphnia magna) (OECD 202 method)
ErC50 (algae)	0.2 mg/l/72 h (Pseudokirchneriella subcapitata) (EPA OPP 122-2)

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

MyAirShield

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

Component

Aluminium oxide (1344-28-1)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
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12.6. Other adverse effects

No additional information available

10/7/2020 (Version: 1.0)

EN (English)

7/11

MyAirShield

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
UN 2923	UN 2923	UN 2923	UN 2923	UN 2923

14.2. UN proper shipping name

CORROSIVE SOLID, TOXIC, N.O.S. (Sodium chlorite ; Aluminium sodium oxide)	CORROSIVE SOLID, TOXIC, N.O.S. (Sodium chlorite ; Aluminium sodium oxide)	Corrosive solid, toxic, n.o.s. (Sodium chlorite ; Aluminium sodium oxide)	CORROSIVE SOLID, TOXIC, N.O.S. (Sodium chlorite ; Aluminium sodium oxide)	CORROSIVE SOLID, TOXIC, N.O.S. (Sodium chlorite ; Aluminium sodium oxide)
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14.3. Transport hazard class(es)

8 (6.1)	8 (6.1)	8 (6.1)	8 (6.1)	8 (6.1)
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14.4. Packing group

I	I	I	I	I
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14.5. Environmental hazards

Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No	Dangerous for the environment : No	Dangerous for the environment : No
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No supplementary information available

14.6. Special precautions for user

Overland transport

Classification code (ADR)	: CT2
Special provisions (ADR)	: 274
Limited quantities (ADR)	: 0
Excepted quantities (ADR)	: E0
Packing instructions (ADR)	: P002, IBC05
Mixed packing provisions (ADR)	: MP18
Portable tank and bulk container instructions (ADR)	: T6
Portable tank and bulk container special provisions (ADR)	: TP33
Tank code (ADR)	: S10AN, L10BH
Vehicle for tank carriage	: AT
Transport category (ADR)	: 1
Special provisions for carriage - Packages (ADR)	: V10
Special provisions for carriage - Loading, unloading and handling (ADR)	: CV13, CV28
Special provisions for carriage - Operation (ADR)	: S14
Hazard identification number (Kemler No.)	: 886
Orange plates	: 886

886
2923

10/7/2020 (Version: 1.0)

EN (English)

8/11

MyAirShield

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Tunnel restriction code (ADR)	: E
Transport by sea	
Special provisions (IMDG)	: 274
Limited quantities (IMDG)	: 0
Excepted quantities (IMDG)	: E0
Packing instructions (IMDG)	: P002
IBC packing instructions (IMDG)	: IBC09
Tank instructions (IMDG)	: T6
Tank special provisions (IMDG)	: TP33
EmS-No. (Fire)	: F+
EmS-No. (Spillage)	: S-B
Stowage category (IMDG)	: B
Stowage and handling (IMDG)	: SW2

Air transport	
PCA Excepted quantities (IATA)	: E0
PCA Limited quantities (IATA)	: Forbidden
PCA limited quantity max net quantity (IATA)	: Forbidden
PCA packing instructions (IATA)	: 858
PCA max net quantity (IATA)	: 1kg
CAO packing instructions (IATA)	: 862
CAO max net quantity (IATA)	: 25kg
Special provisions (IATA)	: A3, A803
ERG code (IATA)	: 8P

Inland waterway transport	
Classification code (ADN)	: CT2
Special provisions (ADN)	: 274, 802
Limited quantities (ADN)	: 0
Excepted quantities (ADN)	: E0
Equipment required (ADN)	: PP, EP
Number of blue cones/lights (ADN)	: 2

Rail transport	
Classification code (RID)	: CT2
Special provisions (RID)	: 274
Limited quantities (RID)	: 0
Excepted quantities (RID)	: E0
Packing instructions (RID)	: P002, IBC05
Mixed packing provisions (RID)	: MP18
Portable tank and bulk container instructions (RID)	: T6
Portable tank and bulk container special provisions (RID)	: TP33
Tank codes for RID tanks (RID)	: S10AN, L10BH
Special provisions for RID tanks (RID)	: TU38, TE22
Transport category (RID)	: 1
Special provisions for carriage – Packages (RID)	: W10
Special provisions for carriage – Loading, unloading and handling (RID)	: CW13, CW28
Hazard identification number (RID)	: 886

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

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

10/7/2020 (Version: 1.0)

EN (English)

9/11

MyAirShield

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Data sources	: https://www.seirogan.co.jp/medical/research/pdf/report24.pdf https://www.ejpmr.com/home/abstract_id/2808 https://ocup-med.biomedcentral.com/articles/10.1186/1745-6673-7-2 https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7042415/ https://medcraveonline.com/IJVV/chlorine-dioxide-clo2-as-a-non-toxic-antimicrobial-agent-for-virus-bacteria-and-yeast-candida-albicans.html https://www.microbiologyresearch.org/content/journal/jgv/10.1099/vir.0.83393-0 https://www.tandfonline.com/doi/full/10.1080/10962247.2012.735212 https://www.karger.com/Article/Abstract/444503 https://www.longdom.org/open-access/ten-week-whole-body-inhalation-toxicity-study-of-chlorine-dioxide-gas-in-rats-2157-7609-1000143.pdf https://ajphjournals.com/view/journals/2060/107/1/article-p1.xml https://cfpub.epa.gov/ncsl/iris/iris_documents/documents/toxreviews/0648tr.pdf https://europepmc.org/article/pmc/4976244 VIRUSOBOURS CIO2 - Gov. www.gov.pl - attachment.
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Full text of H- and EUH-statements:

Acute Tox. 2 (Dermal)	Acute toxicity (dermal), Category 2
Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Met. Corr. 1	Corrosive to metals, Category 1
Ox. Liq. 1	Oxidising Liquids, Category 1
Skin Corr. 1A	Skin corrosion/irritation, Category 1, Sub-Category 1A
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B
STOT RE 2	Specific target organ toxicity — Repeated exposure, Category 2
H271	May cause fire or explosion; strong oxidiser.
H290	May be corrosive to metals.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H310	Fatal in contact with skin.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H373	May cause damage to organs through prolonged or repeated exposure.

10/7/2020 (Version: 1.0)

EN (English)

10/11

MyAirShield

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

H400	Very toxic to aquatic life.
H412	Harmful to aquatic life with long lasting effects.
EUH032	Contact with acids liberates very toxic gas.
EUH071	Corrosive to the respiratory tract.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Met. Corr. 1	H290	Expert judgment
Acute Tox. 4 (Oral)	H302	Calculation method
Acute Tox. 3 (Dermal)	H311	Calculation method
Skin Corr. 1A	H314	Calculation method
Eye Dam. 1	H318	Calculation method
STOT RE 2	H373	Calculation method

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

10/7/2020 (Version: 1.0)

EN (English)

11/11

Produktdatenblatt

Datenblatt: Meldung eines Biozid-Produktes nach ChemBiozMeldeV

Unter Zugrundelegung der von Ihnen gemachten Angaben wurde Ihnen eine mit "N" beginnende Registriernummer zugewiesen. Alle in dem Biozid-Produkt "MYAIRSHIELD" enthaltenen Wirkstoffe sind für die gewählte/n Produktart/en in Anhang II der Delegierten Verordnung (EU) Nr. 1062/2014 gelistet. Ohne vorherige Zulassung darf dieses Biozid-Produkt gemäß § 28 Absatz 8 des Chemikaliengesetzes, sofern die weiteren Voraussetzungen ebenfalls erfüllt sind, bis zur Entscheidung der Genehmigung des/ der Wirkstoff/e auf dem Markt bereitgestellt werden, längstens jedoch bis zum 31. Dezember 2024. Der aktuellen Status der maximalen Verkehrsfähigkeit (ChemBiozmeldeV) Ihres Biozidproduktes wird Ihnen unter „gemeldetes Biozid-Produkt“ angezeigt.

GEMELDETES BIOZID-PRODUKT

Handelsname:	MYAIRSHIELD
Registriernummer:	N-96278
Melddatum:	09.10.2020
Maximale Verkehrsfähigkeit (ChemBiozMeldeV):	31.12.2024 Das Biozidprodukt kann für die Dauer der Genehmigungsverfahren des Wirkstoffs bzw. des letzten zu genehmigenden Wirkstoffs ohne Zulassung auf dem Markt bereitgestellt werden.
Hinweis:	<input checked="" type="checkbox"/>
Aktiv:	<input checked="" type="checkbox"/>

DATENBLATT DRUCKEN

09/10/2020 à 14:52

WIRKSTOFFE (ANHANG II)

Wirkstoffname	Chlordioxid
CAS-Nr.	10049-04-4
EC-Nr.	233-162-8
PT	2

09/10/2020 à 14:52

Produktart	Desinfektionsmittel und Algenbekämpfungsmittel, die nicht für eine direkte Anwendung bei Menschen und Tieren bestimmt sind
Verkehrsfähigkeit (ChemBiozMeldeV)	31.12.2024
Phase-out Datum	
Aktiv	<input checked="" type="checkbox"/>

ANGABEN ZUM INVERKEHRBRINGER/HERSTELLER/IMPORTEUR

Firmenname:	MYAIRSHIELD B.V.
Anschrift:	1114 AB Amsterdam - Duivendrecht, Joob Geesinkweg 901-999
Land:	Niederlande
E-Mail Adresse:	magalyc@lisam.com
Ansprechpartner:	Herr Michael Rohde Møller Jensen
Telefon:	31203698188
Telefax:	
Hinweis:	

ADRESSE, Z.B. DES BEVOLLMÄCHTIGTEN, FALLS NICHT IDENTISCH MIT DEM INVERKEHRBRINGER/HERSTELLER/IMPORTEUR

Firmenname:	LISAM TELEGIS
Anschrift:	60400 Noyon, 17 rue de la Couture
Land:	Frankreich
E-Mail Adresse:	magaly.courtois@lisam.com
Ansprechpartner:	Frau Magaly Courtois
Telefon:	
Telefax:	

09/10/2020 à 14:52

Justificatif de dépôt de la demande DI-20-06393

Coordonnées du demandeur

Dénomination sociale

Société : MY AIR SHIELD B.V.
 Pays : Pays-Bas
 N° de TVA intra-communautaire : NL861569647B01
Adresse postale
 N° de voie : 901-999
 Nom de voie : Job Geyndroes
 Code Postal : 1114
 Localité : Amsterdam Oudvestdijk
Contact
 Civilité : Madame
 Nom : COURTOIS
 Prénom : Magaly
 Téléphone : 33344442590
 Fax :
 Email : magalyc@isama.com

Récapitulatif de la demande

Informations générales

N° Demande : DI-20-06393
 Catégorie demande : Déclaration inventaire
 Type de demande : Déclaration à l'inventaire
 Produit : My Air Shield
 Marque commerciale : My Air Shield
 N° RABP :
 Dépôt au Ministère : 09/10/2020

Demandeur

Société : MY AIR SHIELD B.V.
 Contact société : COURTOIS Magaly
1 iers demandeur (à ne renseigner que si différent du demandeur)
 Société :
 Contact société :
Détenteur (à ne renseigner que si différent du demandeur)

Produit déjà soumis à une AMM transitoire

Si le produit est soumis à une AMM, indiquez le n° de cette AMM :

Autorité responsable :

Date de délivrance :

Date de fin de validité :

Produit déjà soumis à une AMM 98/8 ou 528/2012

N° AMM :

Date de fin de validité :

Tableau des ingrédients de la composition

Ingrédients substances actives

Substance active	Concentration
DIOXYDE DE CHLORE	0.0100 Partie par millions : 0.0001 %

Fabricants des substances actives

Nom de l'ingrédient	Nom	Adresse	Téléphone	Fax
DIOXYDE DE CHLORE	CAFFARO BRESCIA	Via F. Nullo n. 5 - 25126 Brescia - Italie	0039 03031921	

Informations sur le produit

Catégories d'utilisateurs

Professionnel

Grand public

TP

TP2

TP02-Désinfectants utilisés dans le domaine privé et dans le domaine de la santé publique et autres produits biocides

Classifications directive 99/45

Aucun élément dans la liste

Phrases de risque

Aucun élément dans la liste

Phrases de sécurité

Aucun élément dans la liste

Classifications règlement CLP 1272/2008

Classification danger	Mention: H
Corr. Métal-Substances et mélanges corrosifs pour les métaux	H290-Peut être corrosif pour les métaux
Acute Tox. 3-Toxicité aiguë catégorie 3	H311-Toxique par contact cutané
Acute Tox. 4-Toxicité aiguë catégorie 4	H302-Nocif en cas d'ingestion
Skin Corr. 1A-Corrosion cutanée/irritation cutanée catégorie 1A	H314-Provoque des brûlures de la peau et des lésions oculaires
Eye Dam. 1-Lésions oculaires graves/Irritation oculaire catégorie 1	H318-Provoque des lésions oculaires graves
STOT RE 2-Toxicité spécifique pour certains organes cibles - Exposition répétée, catégorie 2	H373-Risque présumé d'effets graves pour les organes à la suite d'expositions répétées ou d'une exposition prolongée

Conseils de prudence

Classification danger

Mention: P

P101-En cas de consultation d'un médecin, garder à disposition le récipient ou l'étiquette
 P102-Tenir hors de portée des enfants
 P103-Lire l'étiquette avant utilisation
 P301 + P330 + P331-EN CAS D'INGESTION : rincer la bouche. NE PAS faire vomir
 P303 + P361 + P353-EN CAS DE CONTACT AVEC LA PEAU (ou les cheveux) : enlever immédiatement les vêtements contaminés. Rincer à l'eau/te doucher
 P305 + P351 + P338-EN CAS DE CONTACT AVEC LES YEUX : rincer avec précaution à l'eau pendant plusieurs minutes. Enlever les lentilles de contact si la victime en porte et si elles peuvent être facilement enlevées. Continuer à rincer
 P310-Appeler immédiatement un CENTRE ANTIPOISON ou un médecin

Usages de l'inventaire

Désinfection de l'air, des systèmes de climatisation et des conduits d'aération.



4. PRODUCT PACKING

PRODUCT PACKAGING

Box Size (200 units): 50cm x 30cm x 38cm

Gross Weight: 10kgs

Product outer packaging size: 15cm x 11cm x 1.8cm

200 Units of MyAirShield™ per box



12



388



970





For Product enquiries and distribution

Please contact

Indo-Fuji EuropeLtd
No-268,Regus,BathRoad,Slough
Berkshire,London-SL14DX

Mr. Wayne Perkins, Sales Director
email: wayne@indofuji.com
Mob: +44 (0) 7527006502

Mr. Mokshith, Marketing Analyst
email: mj@indofuji.com
mob: +44 (0) 7831735400