SAFETY DATA SHEET



Leak Detection Spray frost-proof

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

1.1 Product identifier

Product name	:	Leak Detection Spray frost-proof
UFI	:	KK81-G0Y2-000A-STMF
Product code	:	116540
Color	:	Colorless.

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

Aerosol product	

1.3 Details of the supplier of the safety data sheet

WEICON GmbH & Co. KG Königsberger Str. 255 48157 Münster Germany Phone: +49 251 93220 Fax: +49(0)251 / 9322 - 244 Internet: www.weicon.de e-mail address of person : msds@weicon.de responsible for this SDS

1.4 Emergency telephone number

Telephone number	: EMERGENCY CONTACT – UK, UAE, South Africa (24h): Tel: ++44 1865 407333 (English)
	TRANSPORT EMERGENCY CONTACT - UK, UAE, South Africa (24h): Tel: ++44 1865 407333 (English)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Product definition : Mixture

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

Aerosol 3, H229

The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.

See Section 16 for the full text of the H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

2.2 Label elements: WarningSignal word: WarningHazard statements: H229 - Pressurized 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.Response: Not applicable.

SECTION 2: Hazards identification

Storage		P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50
otorage	•	°C/122 °F.
Disposal	:	Not applicable.
Supplemental label elements	:	Not applicable.
Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	:	Not applicable.
2.3 Other hazards		
Product meets the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII	:	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
Other hazards which do not result in classification	:	Aspiration hazard - Not applicable.

SECTION 3: Composition/information on ingredients

Product/ingredient name	Identifiers	%	Classification	Specific Conc. Limits, M-factors and ATEs	Туре
dinitrogen oxide	REACH #: 01-2119970538-25 EC: 233-032-0 CAS: 10024-97-2	≥10 - ≤25	Ox. Gas 1, H270 Press. Gas (Comp.), H280	-	[1]
			See Section 16 for the full text of the H statements declared above.		

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

Туре

[1] Substance with a workplace exposure limit

Occupational exposure limits, if available, are listed in Section 8.

SECTION 4: First aid measures

Date of issue/Date of revision

4.1 Description of first aid m	easures
Eye contact	: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
Inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
Skin contact	: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
Ingestion	: Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel.
Protection of first-aiders	: No action shall be taken involving any personal risk or without suitable training.

: 10/20/2022 Date of previous issue

: 10/19/2022

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SECTION 4: First aid measures

4.2 Most important sympton	ns and effects, both acute and delayed
Over-exposure signs/symp	<u>itoms</u>
Eye contact	: Adverse symptoms may include the following: irritation redness
Inhalation	: Adverse symptoms may include the following: respiratory tract irritation coughing
Skin contact	: No specific data.
Ingestion	: No specific data.
4.3 Indication of any immed	ate medical attention and special treatment needed
Notes to physician	: In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
Specific treatments	: No specific treatment.
SECTION 5: Firefigh	ting measures
5.1 Extinguishing media	
Suitable extinguishing media	: Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media	: None known.
5.2 Special hazards arising f	from the substance or mixture
Hazards from the substance or mixture	: Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Gas may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back, causing fire or explosion. Bursting aerosol containers may be propelled from a fire at high speed.
Hazardous combustion products	: Decomposition products may include the following materials: nitrogen oxides
5.3 Advice for firefighters	
Special protective actions for fire-fighters	: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
Special protective equipment for fire-fighters	: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

 For non-emergency personnel No action shall be taken involving any personal risk or without suitabl Evacuate surrounding areas. Keep unnecessary and unprotected pertering. In the case of aerosols being ruptured, care should be taken rapid escape of the pressurized contents and propellant. If a large nu containers are ruptured, treat as a bulk material spillage according to instructions in the clean-up section. Do not touch or walk through spi Shut off all ignition sources. No flares, smoking or flames in hazard a appropriate personal protective equipment.
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SECTION 6: Accidental release measures

For emergency responders	:	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
6.2 Environmental precautions	:	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
6.3 Methods and materials for containment and cleaning up	:	Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
6.4 Reference to other sections	:	See Section 1 for emergency contact information. See Section 8 for information on appropriate personal protective equipment. See Section 13 for additional waste treatment information.

SECTION 7: Handling and storage

The information in this section contains generic advice and guidance.

7.1 Precautions for safe handling

Protective measures	 Put on appropriate personal protective equipment (see Section 8). Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing gas. Avoid breathing vapor or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Empty containers retain product residue and can be hazardous.
Advice on general occupational hygiene	: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. Store away from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

7.3 Specific end use(s)	
Recommendations	: Not available.
Industrial sector specific solutions	: Not available.

SECTION 8: Exposure controls/personal protection

The information in this section contains generic advice and guidance. Information is provided based on typical anticipated uses of the product. Additional measures might be required for bulk handling or other uses that could significantly increase worker exposure or environmental releases.

8.1 Control parameters

Occupational exposure limits

ocedures atmos of the	Exposure limit valuesTRGS 900 OEL (Germany, 7/2021).TWA: 180 mg/m³ 8 hours.PEAK: 360 mg/m³ 15 minutes.TWA: 100 ppm 8 hours.PEAK: 200 ppm 15 minutes.DFG MAC-values list (Germany, 10/2021).TWA: 100 ppm 8 hours.PEAK: 200 ppm, 4 times per shift, 15 minutes.TWA: 100 ppm 8 hours.PEAK: 200 ppm, 4 times per shift, 15 minutes.TWA: 180 mg/m³ 8 hours.PEAK: 360 mg/m³, 4 times per shift, 15 minutes.product contains ingredients with exposure limits, personal, workplace
commended monitoring : If this ocedures atmos of the	TWA: 180 mg/m ³ 8 hours. PEAK: 360 mg/m ³ 15 minutes. TWA: 100 ppm 8 hours. PEAK: 200 ppm 15 minutes. DFG MAC-values list (Germany, 10/2021). TWA: 100 ppm 8 hours. PEAK: 200 ppm, 4 times per shift, 15 minutes. TWA: 180 mg/m ³ 8 hours. PEAK: 360 mg/m ³ , 4 times per shift, 15 minutes.
ocedures atmos of the	 PEAK: 360 mg/m³ 15 minutes. TWA: 100 ppm 8 hours. PEAK: 200 ppm 15 minutes. DFG MAC-values list (Germany, 10/2021). TWA: 100 ppm 8 hours. PEAK: 200 ppm, 4 times per shift, 15 minutes. TWA: 180 mg/m³ 8 hours. PEAK: 360 mg/m³, 4 times per shift, 15 minutes.
ocedures atmos of the	TWA: 100 ppm 8 hours. PEAK: 200 ppm 15 minutes. DFG MAC-values list (Germany, 10/2021). TWA: 100 ppm 8 hours. PEAK: 200 ppm, 4 times per shift, 15 minutes. TWA: 180 mg/m ³ 8 hours. PEAK: 360 mg/m ³ , 4 times per shift, 15 minutes.
ocedures atmos of the	DFG MAC-values list (Germany, 10/2021). TWA: 100 ppm 8 hours. PEAK: 200 ppm, 4 times per shift, 15 minutes. TWA: 180 mg/m ³ 8 hours. PEAK: 360 mg/m ³ , 4 times per shift, 15 minutes.
ocedures atmos of the	TWA: 100 ppm 8 hours. PEAK: 200 ppm, 4 times per shift, 15 minutes. TWA: 180 mg/m ³ 8 hours. PEAK: 360 mg/m ³ , 4 times per shift, 15 minutes.
ocedures atmos of the	PEAK: 200 ppm, 4 times per shift, 15 minutes. TWA: 180 mg/m ³ 8 hours. PEAK: 360 mg/m ³ , 4 times per shift, 15 minutes.
ocedures atmos of the	TWA: 180 mg/m ³ 8 hours. PEAK: 360 mg/m ³ , 4 times per shift, 15 minutes.
ocedures atmos of the	PEAK: 360 mg/m ³ , 4 times per shift, 15 minutes.
ocedures atmos of the	
ocedures atmos of the	product containe indrediente with evoceure limite perconal workhigee
of the	
	sphere or biological monitoring may be required to determine the effectivenes ventilation or other control measures and/or the necessity to use respiratory
protec	stive equipment. Reference should be made to monitoring standards, such a
	llowing: European Standard EN 689 (Workplace atmospheres - Guidance fo
	sessment of exposure by inhalation to chemical agents for comparison with
	alues and measurement strategy) European Standard EN 14042 (Workplac
	spheres - Guide for the application and use of procedures for the assessmen
	osure to chemical and biological agents) European Standard EN 482 place atmospheres - General requirements for the performance of procedure
	e measurement of chemical agents) Reference to national guidance
	nents for methods for the determination of hazardous substances will also be
requir	ed.
ELs/DMELs	
lo DNELs/DMELs available.	
ECs	
lo PNECs available.	
Exposure controls	
propriate engineering : Use of	only with adequate ventilation. If user operations generate dust, fumes, gas,
	or mist, use process enclosures, local exhaust ventilation or other
	eering controls to keep worker exposure to airborne contaminants below any
	nmended or statutory limits. The engineering controls also need to keep gas
	r or dust concentrations below any lower explosive limits. Use explosion-pro- ation equipment.
lividual protection measures	
•	hands, forearms and face thoroughly after handling chemical products,
	e eating, smoking and using the lavatory and at the end of the working period
	opriate techniques should be used to remove potentially contaminated clothin
	n contaminated clothing before reusing. Ensure that eyewash stations and
	y showers are close to the workstation location.
	y eyewear complying with an approved standard should be used when a risk
	ssment indicates this is necessary to avoid exposure to liquid splashes, mists s or dusts. If contact is possible, the following protection should be worn,
	s the assessment indicates a higher degree of protection: safety glasses wi
	shields.
kin protection	
-	nical-resistant, impervious gloves complying with an approved standard shou
	orn at all times when handling chemical products if a risk assessment indicat
	s necessary. Considering the parameters specified by the glove manufacture
checl	during use that the gloves are still retaining their protective properties. It
	d be noted that the time to breakthrough for any glove material may be
	ent for different glove manufacturers. Recommended : 1 - 4 hours
(brea rubbe	kthrough time): nitrile rubber 4 - 8 hours (breakthrough time): Viton®/butyl

SECTION 8: Exposure controls/personal protection

Body protection	 Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Other skin protection	: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Respiratory protection	: Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use. Recommended : organic vapor (Type AX) and particulate filter
Environmental exposure controls	: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

SECTION 9: Physical and chemical properties

-		
9.1 Information on basic physica	l a	nd chemical properties
<u>Appearance</u>		
Physical state	:	Aerosol.
Color	:	Colorless.
Odor	:	Faint odor. [Slight]
Odor threshold	:	Not available.
Melting point/freezing point	:	-210°C
Initial boiling point and boiling range	:	Not available.
Flammability	:	Non-flammable in the presence of the following materials or conditions: open flames, sparks and static discharge and heat.
Upper/lower flammability or explosive limits	:	Not available.
Flash point	:	Closed cup: Not applicable.
Auto-ignition temperature	:	400°C (752°F)
Decomposition temperature	:	Not available.
рН	:	Not applicable.
Viscosity	:	Not available.
Solubility(ies)	:	
Not available.		
Solubility in water	:	Not available.
Partition coefficient: n-octanol/ water	:	Not applicable.
Vapor pressure	:	2.3 kPa (17.25 mm Hg)
Relative density	:	Not available.
Density	:	1.01 g/cm³
Vapor density	:	Not available.
Explosive properties	:	Not available.
Oxidizing properties	:	Not available.
Particle characteristics		
Median particle size	:	Not applicable.
SADT	:	Not available.
SAPT	:	Not available.

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU) 2020/878 - Germany

Leak Detection Spray frost-proof

SECTION 9: Physical and chemical properties

Aerosol product

Type of aerosol

: Spray

SECTION 10: Stability and reactivity			
10.1 Reactivity	: No specific test data related to reactivity available for this product or its ingredients.		
10.2 Chemical stability	: The product is stable.		
10.3 Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.		
10.4 Conditions to avoid	: Avoid all possible sources of ignition (spark or flame).		
10.5 Incompatible materials	: No specific data.		
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 toxicolo	gical effects					
Acute toxicity						
Conclusion/Summary	: Not available.					
Acute toxicity estimates						
Not available.						
Irritation/Corrosion						
Conclusion/Summary	: Not available.					
Sensitization						
Conclusion/Summary	: Not available.					
<u>Mutagenicity</u>						
Conclusion/Summary	: Not available.					
Carcinogenicity						
Conclusion/Summary	: Not available.					
Reproductive toxicity						
Conclusion/Summary	: Not available.					
<u>Teratogenicity</u>						
Conclusion/Summary	: Not available.					
Specific target organ toxici	<u>ty (single exposure)</u>					
Not available.						
Specific target organ toxici	<u>ty (repeated exposure)</u>					
Not available.						
Aspiration hazard						
Not available.						
Information on the likely	: Not available.					
routes of exposure						
Potential acute health effects	S					
Eye contact	- No known significant effects or critical hazards.					
Inhalation	: No known significant effects or critical hazards.					
Date of issue/Date of revision	: 10/20/2022 Date of previous issue : 10/19/2022	Version	•1 02	7/12		
	. 10/20/2022 Date of previous issue . 10/19/2022	version	. 1.02	1/12		

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU) 2020/878 - Germany

Leak Detection Spray frost-proof

SECTION 11: Toxicological information

Skin contact	: No known significant effects or critical hazards.
Ingestion	: No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact	: Adverse symptoms may include the following: irritation redness
Inhalation	: Adverse symptoms may include the following: respiratory tract irritation coughing
Skin contact	: No specific data.
Ingestion	: No specific data.

Delayed and immediate effects and also chronic effects from short and long term exposure

<u>Short term exposure</u>	
Potential immediate effects	: Not available.
Potential delayed effects	: Not available.
Long term exposure	
Potential immediate effects	: Not available.
Potential delayed effects	: Not available.
Potential chronic health effe	<u>ects</u>
Not available.	
Conclusion/Summary	: Not available.
General	: No known significant effects or critical hazards.
Carcinogenicity	: No known significant effects or critical hazards.
Mutagenicity	: No known significant effects or critical hazards.
Teratogenicity	: No known significant effects or critical hazards.
Developmental effects	: No known significant effects or critical hazards.
Fertility effects	: No known significant effects or critical hazards.

11.2 Information on other hazards

11.2.1 Endocrine disrupting propertiesNot available.11.2.2 Other informationNot available.

SECTION 12: Ecological information

12.1 Toxicity	
Conclusion/Summary	: Not available.

12.2 Persistence and degradability

Conclusion/Summary : Not available.

12.3 Bioaccumulative potential

Not available.

12.4 Mobility in soil

Date of issue/Date of revision

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SECTION 12: Ecological information

Soil/water partition coefficient (Koc) Mobility

: Not available.

: Not available.

12.5 Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

12.6 Endocrine disrupting properties

Not available.

12.7 Other adverse effects

No known significant effects or critical hazards.

SECTION 13: Disposal considerations

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

13.1 Waste treatment methods

Product	
Methods of disposal	: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.
Hazardous waste	: The classification of the product may meet the criteria for a hazardous waste.

European waste catalogue (EWC)

	Waste code	Waste designation
16 05 04* gases in pressure containers (including halons) containing hazardous su		gases in pressure containers (including halons) containing hazardous substances
E	ackaging	
	Methods of disposal	: The generation of waste should be avoided or minimized wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.
	Type of packaging	European waste catalogue (EWC)
	15 01 04	metallic packaging
Special precautions		: This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Do not puncture or incinerate container.

SECTION 14: Transport information

	ADR/RID	IMDG	IATA
14.1 UN number	UN1950	UN1950	UN1950
14.2 UN proper shipping name	AEROSOLS	AEROSOLS	Aerosols, flammable
14.3 Transport hazard class(es)	2	2.1	2.1

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU) 2020/878 - Germany

Leak Detection Spray frost-proof

Leak Detection Spray frost-proof					
SECTION 14:	Transport in	formation			
14.4 Packing group	-		-	-	
14.5 Environmental hazards	No.		No. Not available.	No.	
	Not available.				
Additional information ADR/RID : Limited quantity 1 L Special provisions 190, 327, 625, 344 Tunnel code (D) ADR Classification Code: 5F					
IMDG		ergency sched cial provisions	<u>ules</u> F-D, S-U <u>s</u> 63, 190, 277, 327, 3	44, 381, 959	
ΙΑΤΑ	203 Pas	. Cargo Aircraft senger Aircraft:		go Aircraft: 75 kg. Packaging instruction ging instructions: 203. Limited Quantiti tructions: Y203.	
14.6 Special precautions for user: Transport within u upright and secure. the event of an acc			Ensure that persons	ays transport in closed containers that a transporting the product know what to o	
14.7 Transport in bu according to IMO instruments	ulk : Not	available.			
SECTION 15: Regulatory information					
15.1 Safety, health a EU Regulation (EC <u>Annex XIV - List c</u>	<u>) No. 1907/2006 (</u>	(REACH)		or the substance or mixture	
<u>Annex XIV</u>					

None of the components are listed.

Substances of very high concern

None of the components are listed.

Annex XVII - Restrictions : Not applicable. on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

Restrictions on Manufacture, Marketing and Use

CountryProduct name		Conc.	Designation	Usage	
Other EU regulations					
Industrial emissions (integrated pollution prevention and control) - Air	: Listed				
Industrial emissions (integrated pollution prevention and control) - Water	: Not listed				

Date of issue/Date of revision

SECTION 15: Regulat	ory information
Ozone depleting substance	es (1005/2009/EU)
Not listed.	
Prior Informed Consent (Ple Not listed.	<u>C) (649/2012/EU)</u>
Persistent Organic Pollutar Not listed.	<u>its</u>
Aerosol dispensers	:
	3
a b <i>u</i>	
Seveso Directive	under the Source Directive
This product is not controlled National regulations	
Storage class (TRGS 510)	: 2B
Hazardous incident ordinal	
	under the Germany Hazardous Incident Ordinance.
Hazard class for water	: 1
ΑΟΧ	: The product does not contain organically bound halogens which could lead to an AOX value in waste water.
International regulations	
-	on List Schedules I, II & III Chemicals
Not listed.	
Montreal Protocol	
Not listed.	
Stockholm Convention on P	ersistent Organic Pollutants
Not listed.	
Rotterdam Convention on P	rior Informed Consent (PIC)
Not listed.	
UNECE Aarhus Protocol on	POPs and Heavy Metals
Not listed.	
Inventory list	
Australia	: Not determined.
Canada	: Not determined.
China	: Not determined.
Eurasian Economic Union	: Russian Federation inventory: All components are listed or exempted.
Japan	: Japan inventory (CSCL): Not determined. Japan inventory (ISHL): Not determined.
New Zealand	: All components are listed or exempted.
Philippines	: Not determined.
Republic of Korea	: Not determined.
Taiwan	: Not determined.
Thailand	: Not determined.
Turkey	: Not determined.

SECTION 15: Regulatory information

United States	:	Not determined.
Viet Nam	:	Not determined.

: Not determined.

15.2 Chemical Safety Assessment

 \square

Indicates information that has changed from previously issued version

: This product contains substances for which Chemical Safety Assessments are still required.

SECTION 16: Other information

Indicates mormation that r	las changed from previously issued version.
Abbreviations and acronyms	 ATE = Acute Toxicity Estimate CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008] DMEL = Derived Minimal Effect Level DNEL = Derived No Effect Level EUH statement = CLP-specific Hazard statement N/A = Not available PBT = Persistent, Bioaccumulative and Toxic PNEC = Predicted No Effect Concentration RRN = REACH Registration Number
	•
	SGG = Segregation Group
	vPvB = Very Persistent and Very Bioaccumulative

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Classification	Justification
Aerosol 3, H229	On basis of test data

Full text of abbreviated H statements

H229Pressurized container: may burst if heated.H270May cause or intensify fire; oxidizer.H280Contains gas under pressure; may explode if heated.	
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Full text of classifications [CLP/GHS]

Aerosol 3 Ox. Gas 1 Press. Gas (Comp.)		AEROSOLS - Category 3 OXIDIZING GASES - Category 1 GASES UNDER PRESSURE - Compressed gas
Date of printing	: 10/20/2022	
Date of issue/ Date of revision	: 10/20/2022	
Date of previous issue	: 10/19/2022	
Version	: 1.02	

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the abovenamed supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.