## **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

Product code : 116540 Color : Colorless.

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

Identified uses

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 responsible for this SDS

: msds@weicon.de

#### 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

Signal word : Warning

**Hazard statements**: H229 - Pressurized container: may burst if heated.

**Precautionary statements** 

**Prevention**: 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.

**Storage** : P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50

°C/122 °F.

Date of issue/Date of revision : 03.09.2020 Date of previous issue : 02.06.2020 Version : 1.02 1/13

Leak Detection Spray frost-proof

### SECTION 2: Hazards identification

**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 : Not applicable.

articles

#### 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

3.2 Mixtures : Mixture

Product/ingredient name	Identifiers	%	Regulation (EC) No. 1272/2008 [CLP]	Туре
propane-1,2-diol	REACH #: 01-2119456809-23 EC: 200-338-0 CAS: 57-55-6	≥25 - ≤50	Not classified.	[2]
dinitrogen oxide	REACH #: 01-2119970538-25 EC: 233-032-0 CAS: 10024-97-2	≤3	Ox. Gas 1, H270 Press. Gas (Comp.), H280	[2]
Amines, coco alkyldimethyl, Nocides	REACH #: pre-registered EC: 263-016-9 CAS: 61788-90-7	<1	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=1)	[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.

#### Type

- [1] Substance classified with a health or environmental hazard
- [2] Substance with a workplace exposure limit
- [3] Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII
- [4] Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII
- [5] Substance of equivalent concern
- [6] Additional disclosure due to company policy

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

Date of issue/Date of revision : 03.09.2020 :02.06.2020 Version : 1.02 2/13 Date of previous issue

### **SECTION 4: First aid measures**

### 4.1 Description of first aid measures

Eye contact : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower

eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10

minutes. Get medical attention if irritation occurs.

**Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing.

If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. 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. Wash clothing before reuse.

Clean shoes thoroughly before reuse.

**Ingestion**: Wash out mouth with water. Remove dentures if any. Remove victim to fresh air

and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such

as a collar, tie, belt or waistband.

**Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. It

may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

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

Over-exposure signs/symptoms

**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 immediate 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: Firefighting measures**

5.1 Extinguishing media

Suitable extinguishing

: Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing

media

media

: None known.

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

Date of issue/Date of revision : 03.09.2020 Date of previous issue : 02.06.2020 Version : 1.02 3/13

### **SECTION 5: Firefighting measures**

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: carbon dioxide

carbon dioxide carbon monoxide 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 suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. In the case of aerosols being ruptured, care should be taken due to the rapid escape of the pressurized contents and propellant. If a large number of containers are ruptured, treat as a bulk material spillage according to the instructions in the clean-up section. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

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

Date of issue/Date of revision: 03.09.2020Date of previous issue: 02.06.2020Version: 1.024/13

### **SECTION 7: Handling and storage**

#### **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 : Not available.

solutions

### **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

Product/ingredient name	Exposure limit values
propane-1,2-diol	EH40/2005 WELs (United Kingdom (UK), 8/2018).  TWA: 10 mg/m³ 8 hours. Form: Particulate  TWA: 474 mg/m³ 8 hours. Form: Sum of vapour and particulates  TWA: 150 ppm 8 hours. Form: Sum of vapour and particulates
dinitrogen oxide	<b>EH40/2005 WELs (United Kingdom (UK), 8/2018).</b> TWA: 183 mg/m³ 8 hours. TWA: 100 ppm 8 hours.

## Recommended monitoring procedures

: If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

#### **DNELs/DMELs**

No DNELs/DMELs available.

### **PNECs**

Date of issue/Date of revision: 03.09.2020Date of previous issue: 02.06.2020Version: 1.025/13

### **SECTION 8: Exposure controls/personal protection**

No PNECs available.

### 8.2 Exposure controls

Appropriate engineering controls

: Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

### Individual protection measures

Hygiene measures

: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection

: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields

### **Skin protection**

Hand protection

: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. Recommended: 1 - 4 hours (breakthrough time): nitrile rubber 4 - 8 hours (breakthrough time): Viton®/butyl

**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 physical and chemical properties

#### **Appearance**

Physical state : Aerosol.

Color : Colorless.

Odor : Characteristic.

Odor threshold : Not available.

**pH** : 7 to 8

Melting point/freezing point Initial boiling point and : Not available.: Not available.

boiling range

Flash point : Closed cup: Not applicable.

Date of issue/Date of revision: 03.09.2020Date of previous issue: 02.06.2020Version: 1.026/13

Leak Detection Spray frost-proof

### **SECTION 9: Physical and chemical properties**

: Not available. **Evaporation rate** 

Flammability (solid, gas) Slightly 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.

Vapor pressure : 546.6 to 639.9 kPa [room temperature]

Vapor density : Not available. Relative density : Not available. Density : 1.05 g/cm<sup>3</sup>

Solubility(ies) : Partially soluble in the following materials: cold water and hot water.

Partition coefficient: n-octanol/ : Not available.

water

**Auto-ignition temperature** : Not applicable. **Decomposition temperature** : Not available. : Not available. **Viscosity** : Not available. Remarks : Not available. **Explosive properties** : Not available. Oxidizing properties

9.2 Other information

Fire point : >375°C Solubility in water : Not available.

**Aerosol product** 

Type of aerosol : Spray **Heat of combustion** : 8.993 kJ/g

### 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 toxicological effects

**Acute toxicity** 

Conclusion/Summary : Not available.

**Acute toxicity estimates** 

Not available.

### Irritation/Corrosion

Date of issue/Date of revision : 03.09.2020 :02.06.2020 Version :1.02 7/13 Date of previous issue

### **SECTION 11: Toxicological information**

Product/ingredient name	Result	Species	Score	Exposure	Observation
Amines, coco alkyldimethyl, N-oxides	Skin - Mild irritant	Guinea pig	-	840 hours 115 mg	-
	Skin - Moderate irritant	Human	-	24 hours 2500 ug	-
	Skin - Mild irritant	Rabbit	-	10 mg	-
	Skin - Mild irritant	Rabbit		840 hours 230 mg	-

Conclusion/Summary

: Not available.

**Sensitization** 

**Conclusion/Summary**: Not available.

**Mutagenicity** 

Conclusion/Summary

: Not available.

**Carcinogenicity** 

**Conclusion/Summary**: Not available.

Reproductive toxicity

**Conclusion/Summary**: Not available.

**Teratogenicity** 

Conclusion/Summary: Not available.

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

**Aspiration hazard** 

Not available.

Information on the likely

routes of exposure

: Not available.

Potential acute health effects

Eye contact
 Inhalation
 No known significant effects or critical hazards.
 Skin contact
 Ingestion
 No known significant effects or critical hazards.
 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

**Short term exposure** 

effects

Potential immediate

: Not available.

Date of issue/Date of revision

: 03.09.2020

Date of previous issue

: 02.06.2020

Version : 1.02

8/13

Leak Detection Spray frost-proof

### **SECTION 11: Toxicological information**

Potential delayed effects : Not available.

Long term exposure

Potential immediate

: Not available.

effects

Potential delayed effects : Not available.

### Potential chronic health effects

Not available.

**Conclusion/Summary**: Not available.

General
 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.
 No known significant effects or critical hazards.

Other information : Not 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

Soil/water partition

: Not available.

coefficient (Koc)

**Mobility** : 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 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.

Date of issue/Date of revision: 03.09.2020Date of previous issue: 02.06.2020Version: 1.029/13

Leak Detection Spray frost-proof

### SECTION 13: Disposal considerations

Hazardous waste

: Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 2008/98/EC.

### European waste catalogue (EWC)

Waste code	Waste designation
16 05 05	gases in pressure containers other than those mentioned in 16 05 04

#### **Packaging**

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, non-flammable
14.3 Transport hazard class(es)	2	2.2	2.2
14.4 Packing group	-	-	-
14.5 Environmental hazards	No.	No.  Not available.	No.

#### **Additional information**

ADR/RID

: Limited quantity 1 L

**Special provisions** 190, 327, 625, 344

Tunnel code (E)

**IMDG** 

: Emergency schedules F-D, S-U

**Special provisions** 63, 190, 277, 327, 344, 381, 959

**IATA** 

**Quantity limitation** Passenger and Cargo Aircraft: 75 kg. Packaging instructions: 203. Cargo Aircraft Only: 150 kg. Packaging instructions: 203. Limited Quantities -

Passenger Aircraft: 30 kg. Packaging instructions: Y203.

Special provisions A98, A145, A167, A802

user

14.6 Special precautions for : Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in

the event of an accident or spillage.

14.7 Transport in bulk according to IMO

instruments

: Not available.

Date of issue/Date of revision : 03.09.2020 :02.06.2020 Version: 1.02 10/13 Date of previous issue

Leak Detection Spray frost-proof

### **SECTION 15: Regulatory information**

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture EU Regulation (EC) No. 1907/2006 (REACH)

### Annex XIV - List of substances subject to authorization

#### **Annex XIV**

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

### **Other EU regulations**

Industrial emissions : Listed

(integrated pollution prevention and control) -

Air

Industrial emissions : Not listed

(integrated pollution prevention and control) -

Water

Ozone depleting substances (1005/2009/EU)

Not listed.

### Prior Informed Consent (PIC) (649/2012/EU)

Not listed.

Aerosol dispensers

3

0.55% by mass of the contents are flammable.

### **Seveso Directive**

This product is not controlled under the Seveso Directive.

### **International regulations**

#### Chemical Weapon Convention List Schedules I, II & III Chemicals

Ingredient name	List name	Status
Triethanolamine	Schedule III	Listed

### **Montreal Protocol**

Not listed.

### **Stockholm Convention on Persistent Organic Pollutants**

Not listed.

### Rotterdam Convention on Prior Informed Consent (PIC)

Not listed

### **UNECE Aarhus Protocol on POPs and Heavy Metals**

Not listed.

### **Inventory list**

Date of issue/Date of revision : 03.09.2020 Date of previous issue : 02.06.2020 Version : 1.02 11/13

Leak Detection Spray frost-proof

### **SECTION 15: Regulatory information**

**Australia** : All components are listed or exempted. Canada : All components are listed or exempted. China : All components are listed or exempted. : All components are listed or exempted. Europe All components are listed or exempted. Japan **New Zealand** : All components are listed or exempted. **Philippines** : All components are listed or exempted. Republic of Korea : All components are listed or exempted. **Taiwan** : All components are listed or exempted.

Turkey: Not determined.

United States : All components are active or exempted.Viet Nam : All components are listed or exempted.

15.2 Chemical Safety

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

**Assessment** required.

### **SECTION 16: Other information**

Indicates information that has 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

H229	Pressurized container: may burst if heated.
H270	May cause or intensify fire; oxidizer.
H280	Contains gas under pressure; may explode if heated.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H400	Very toxic to aquatic life.

#### Full text of classifications [CLP/GHS]

Aerosol 3
Aquatic Acute 1
Eye Dam. 1
Ox. Gas 1
Press. Gas (Comp.)
Skin Irrit. 2

AEROSOLS - Category 3
AQUATIC HAZARD (ACUTE) - Category 1
SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1
OXIDIZING GASES - Category 1
GASES UNDER PRESSURE - Compressed gas
SKIN CORROSION/IRRITATION - Category 2

Date of printing : 03.09.2020 Date of issue/ Date of : 03.09.2020

revision

Date of previous issue : 02.06.2020 Version : 1.02

**Notice to reader** 

Date of issue/Date of revision: 03.09.2020Date of previous issue: 02.06.2020Version: 1.0212/13

Leak Detection Spray frost-proof

### **SECTION 16: Other information**

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.

Date of issue/Date of revision : 03.09.2020 Date of previous issue : 02.06.2020 Version : 1.02 13/13