

# SAFETY DATA SHEET

DATE OF COMPILATION: 14.09.2023

REVISION: -

VERSION NUMBER: 1.0

Safety data sheet in accordance with COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. PRODUCT IDENTIFIER

Trade name: AIR REFRESHING GEL GEL FRESH LILY OF THE VALLEY "DR. HOUSE"

Designation: Gel air freshener on the basis of fragrant components.

### 1.2. RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

Identified uses: Product for refreshing small rooms and cars.

Uses advised against: any type of uses not mentioned above and in point 7.3.

### 1.3. DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET:

Manufacturer: "POL-HUN" M. BIELSKA SP. J.

Address: 11 Listopada 65, 95-040 Koluszki, Poland

Telephone: +48 (44) 725 30 00

E-mail address for a person responsible for the SDS: polhun@polhun.pl

### 1.4. EMERGENCY TELEPHONE NUMBER

+48 (44) 725 30 19 (LABORATORY „POL-HUN” M. BIELSKA SP. J. (available during working days from 7<sup>00</sup> a.m. up 20<sup>00</sup> p.m.)

112 (EMERGENCY TELEPHONE NUMBER)

## SECTION 2 : HAZARDS IDENTIFICATION

### 2.1. CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

The mixture is classified according to REGULATION (EC) No 1272/2008 as not hazardous.

### 2.2. LABEL ELEMENTS

Hazard pictograms: not applicable.

Signal word: not applicable.

Hazard statements: not applicable.

Precautionary Statements:

P102 Keep out of reach of children.

P101 If medical advice is needed, have product container or label at hand.

P103 Read label before use.

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EUH208

**Contains: Citronellol, Hexyl Cinnamal, Linalool. May produce an allergic reaction.**

**2.3. OTHER HAZARDS**

The substances of the mixture do not meet the criteria for persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) (at a concentration equal to or greater than 0,1 % by weight) in accordance with Annex XIII of (REACH) regulation.

The substances of the mixture are not included in the list established in accordance with Article 59(1) of (REACH) regulation for having endocrine disrupting properties (at a concentration equal to or greater than 0,1 % by weight).

The substances of the mixture are not identified as having endocrine disrupting properties (at a concentration equal to or greater than 0,1 % by weight) in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100(3) or Commission Regulation (EU) 2018/605(4).

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.1. SUBSTANCES**

not applicable.

**3.2. MIXTURES**

Hazard substances and substances for which there are Community workplace exposure limits

Substance name	Concentration (% m/m)	Number CAS	Number WE	Number registration	Classification in accordance with Directive (WE) nr 1272/2008
Chromium hydroxide sulphate <sup>1)</sup>	0,1 - 0,2	12336-95-7	235-595-8 [914-129-3]	01-2119458867-19-xxxx	Acute Tox. 4, H332
Citronellol ( <i>ingredient of fragrance</i> )	0,3 – 0,6	106-22-9	203-375-0	-	Skin Irrit. 2; H315 Skin Sens. 1B; H317 Eye Irrit. 2; H319
(2E)-2-(Phenylmethylideno)octana l// Hexyl Cinnamal ( <i>ingredient of fragrance</i> )	0,3 - 0,6	165184-98-5 [101-86-0]	639-566-4 [202-983-3]	01-2119533092-50-xxxx	Skin Sens. 1; H317 Aquatic Acute 1; H400 M=1 Aquatic Chronic 2; H411
Linalool ( <i>ingredient of fragrance</i> )	0,03 - 0,30	78-70-6	201-134-4	01-2119474016-42-xxxx	Skin Irrit. 2; H315 Eye Irrit. 2; H319 Skin Sens. 1B; H317

Full texts of hazard statements is listed in section 16.

<sup>1)</sup> a substance with assigned Community workplace exposure limit

**SECTION 4 : FIRST AID MEASURES**

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### **4.1 DESCRIPTION OF FIRST AID MEASURES**

#### **Inhalation:**

- not an inhalation hazard under normal conditions of use; in the case of excessive inhalation, take the subject outdoors to breathe fresh air while remaining quiet and in a comfortable position;
- seek medical attention.

#### **Eye:**

- flush with plenty of water for at least 10-15 minutes with the eyelids held wide open, avoid strong stream of water, which can cause cornea injury;
- do not use any medicines before getting medical attention;
- remove any contact lenses;
- seek medical attention;

#### **Skin:**

- remove contaminated clothing;
- flush with plenty of water;
- seek medical advice.

#### **Ingestion:**

- rinse mouth with plenty of water;
- do not induce vomiting;
- if vomiting occurs, the head should be kept low so that the vomit does not enter the lungs (aspiration);
- seek medical attention.

### **4.2. MOST IMPORTANT SYMPTOMS AND EFFECTS BOTH ACUTE AND DELAYED**

- inhalation – irritation of the respiratory tract;
- skin contact - no available data;
- eye contact – no available data;
- ingestion – no available data.

### **4.3. INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED**

No data available.

## **SECTION 5. FIREFIGHTING MEASURES**

### **5.1. EXTINGUISHING MEDIA**

Suitable extinguishing media: extinguishing dry chemical powder, carbon dioxide.  
Unsuitable extinguishing media: none known.

### **5.2. SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE**

The product decompose forming sulphur oxides and carbon oxides.

### **5.3. ADVICE FOR FIREFIGHTERS**

Wear full fire resistant protective clothing and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

### **6.1. PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES**

**For non-emergency personnel:**

- avoid contact with skin and eyes;
- For emergency responders:**
- avoid contact with skin and eyes;
  - wear chemical protection gloves and suits;
  - wear appropriate goggles.

### **6.2. ENVIRONMENTAL PRECAUTIONS**

- the mixture contains **Chromium hydroxide sulphate**; keep away from drains, surface- and ground-water and soil.

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**6.3. METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP**

- clean up spillage promptly;
- collect free product and transfer it to suitable tanks or containers for safe disposal;
- dispose of according to the local regulations.

**6.4. REFERENCE TO OTHER SECTIONS**

Information regarding safe handling – see section 7.

**SECTION 7: HANDLING AND STORAGE****7.1. PRECAUTIONS FOR SAFE HANDLING**

- handle in accordance with good manufacturing practices and personal hygiene;
- avoid contact with skin and eyes;
- wash hands after use;
- wash any exposed skin immediately after any chemical contact;
- not to eat, drink and smoke in work areas;

**7.2. CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES**

- store in a cool, dry, well ventilated area;
- optimal storage temperature 10 - 25°C.
- keep containers upright and tightly closed;
- keep away from food.

**7.3. SPECIFIC END USE(S)**

No data available.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1. CONTROL PARAMETERS**

The mixture contains substances with national occupational exposure limits.

<i>Substance name and CAS number</i>	<i>OEL [mg/m<sup>3</sup>]</i>	<i>STEL [mg/m<sup>3</sup>]</i>	<i>Country</i>
metallic Chromium and chromium (III) compounds [12336-95-7]	0,5 Cr (III)	-	PL
Chromium and Cr(II); Cr(III) compounds [7440-47-3]	0,5	1,0	DA
Chromium and Cr(II); Cr(III) compounds [7440-47-3]	2	-	FR
Chromium and Cr(II); Cr(III) compounds [7440-47-3]	2 (1)(2)	2 (1)(2)(3)	DE
Chromium and Cr(II); Cr(III) compounds [7440-47-3]	0,5	2	HU

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<b>Chromium and Cr(II); Cr(III) compounds</b> [7440-47-3]	<b>2 (1)</b>	-	<b>LV</b>
<b>Chromium and Cr(II); Cr(III) compounds</b> [7440-47-3]	<b>2</b>	-	<b>ES</b>

Source: Based on GESTIS International Limit values Database.

The mixture does contain substances with Community occupational limit values in accordance with Directive 98/24/EC, including any notations as referred to in Article 2(1) of Commission Decision 95/320/EC.

<b>Substance name and CAS number</b>	<b>Limit values</b>			
	<b>8 hours</b>		<b>Short term</b>	
	<b>mg/m<sup>3</sup></b>	<b>ppm</b>	<b>mg/m<sup>3</sup></b>	<b>ppm</b>
<b>Chromium Metal, Inorganic Chromium (II) Compounds and Inorganic Chromium (III) Compounds (insoluble)</b>	<b>2</b>	-	-	-

The mixture does not contain substances with the national occupational exposure limit values that correspond to Union limit values in accordance with Directive 2004/37/EC, including any notations as referred to in Article 2(3) of Decision 2014/113/EU;

The mixture does not contain substances with the national biological limit values that correspond to Union biological limit values in accordance with Directive 98/24/EC, including any notations as referred to in Article 2(3) of Decision 2014/113/EU;

## 8.2. EXPOSURE CONTROLS

**Personal protective equipment:**

**Respiratory protection:**

- is not required during normal operations in a workplace.

**Eye protection:**

- is not required during normal operations in a workplace.

**Skin protection:**

- in case of long contact with product use protective gloves according to EN 374.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Physical state	solid, gel
Colour:	green or grey or light blue
Odour :	characteristic, lily of the valley
Melting point/freezing point:	not determined
Boiling point or initial boiling point and boiling range:	not determined
Flammability:	the mixture is not ignitable
Lower and upper explosion limit:	does not apply
Flash point:	does not apply
Auto-ignition temperature:	does not apply

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Decomposition temperature: does not apply  
pH: 5,0 – 7,0  
Kinematic viscosity: does not apply  
Solubility: not soluble in water  
Partition coefficient: n-octanol/water  
(log value): does not apply  
Vapour pressure: not determined for mixture  
Density and/or relative density: not determined  
Relative vapour density: does not apply  
Particle characteristics: not determined, the product is not dusty

### **9.2. OTHER INFORMATION**

No data available.

## **SECTION 10: STABILITY AND REACTIVITY**

### **10.1. REACTIVITY**

The reactivity hazards of mixture has not been tested.

### **10.2. CHEMICAL STABILITY**

Product is stable under recommended conditions of storage, avoid temperatures <0 °C.

### **10.3. POSSIBILITY OF HAZARDOUS REACTIONS**

None under normal conditions.

### **10.4. CONDITIONS TO AVOID**

Moisture, temperatures <0°C.

### **10.5. INCOMPATIBLE MATERIALS**

Oxidising substances.

### **10.6. HAZARDOUS DECOMPOSITION PRODUCTS**

Sulphur oxides.

## **SECTION 11: TOXICOLOGICAL INFORMATION**

### **11.1. INFORMATION ON HAZARD CLASSES DEFINED IN REGULATION (EC) No 1272/2008**

#### **Acute toxicity:**

The mixture has not been tested. Based on the available data of the ingredients the classification criteria are not met.

#### **Acute toxicity of Chromium hydroxide sulphate:**

LC50 (inhalation): 4,58mg/l/4 h (rat).

#### **Skin corrosion/irritation:**

The mixture has not been tested. Based on the available data of the ingredients the classification criteria are not met.

#### **Serious eye damage/eye irritation:**

The mixture has not been tested. Based on the available data of the ingredients the classification criteria are not met.

#### **Respiratory or skin sensitization:**

The mixture has not been tested. Based on the available data of the ingredients the classification criteria are not met, but the mixture contains: **Citronellol, Hexyl Cinnamal, Linalool**; may produce an allergic reaction.

#### **Carcinogenicity:**

The mixture has not been tested. Based on the available data of the ingredients the classification criteria are not met.

#### **Mutagenicity:**

The mixture has not been tested. Based on the available data of the ingredients the classification criteria are not met.

#### **Reproductive toxicity:**

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The mixture has not been tested. Based on the available data of the ingredients the classification criteria are not met.

### **STOT – single exposure:**

The mixture has not been tested. Based on the available data of the ingredients the classification criteria are not met.

### **STOT – repeated exposure:**

The mixture has not been tested. Based on the available data of the ingredients the classification criteria are not met.

### **Aspiration hazard:**

Not applicable. The product is a solid mixture.

### **Routes of exposure**

The mixture has not been tested – no available data.

## **11.2. INFORMATION ON OTHER HAZARDS**

### **Endocrine disrupting properties**

The substances of the mixture are not identified as having endocrine disrupting properties for human health (at a concentration equal to or greater than 0,1 % by weight) in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100(3) or Commission Regulation (EU) 2018/605(4).

### **Other information**

No data.

## **SECTION 12: ECOLOGICAL INFORMATION**

### **12.1. TOXICITY**

The mixture has not been tested - no available data. Based on the available data of the ingredients the classification criteria are not met. The mixture contains **Chromium hydroxide sulphate**, it is inadvisable to remove industrial quantities into drainage systems, surface- and ground-water and soil.

#### **Acute toxicity of Chromium hydroxide sulphate:**

Toxicity for fish:

LC50: >10000 mg/l/96 h.

### **12.2. PERSISTENCE AND DEGRADABILITY**

The mixture has not been tested - no available data.

### **12.3. BIOACCUMULATIVE POTENTIAL**

The mixture has not been tested - no available data.

### **12.4. MOBILITY IN SOIL**

The mixture has not been tested - no available data.

### **12.5. RESULTS OF PBT AND vPvB ASSESSMENT**

The mixture has not been tested - no available data.

### **12.6 ENDOCRINE DISRUPTING PROPERTIES**

The substances of the mixture are not identified as having endocrine disrupting properties for the environment (at a concentration equal to or greater than 0,1 % by weight) in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100(3) or Commission Regulation (EU) 2018/605(4).

### **12.7. OTHER ADVERSE EFFECTS**

The mixture has not been tested - no available data.

## **SECTION 13: DISPOSAL CONSIDERATIONS**

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### 13.1. **WASTE TREATMENT METHODS**

- dispose of according to local regulations;
- avoid disposing into drainage systems and into the environment;
- contaminated packaging dispose in the same way as the product itself.
- non-contaminated packages may be recycled.

## SECTION 14: TRANSPORT INFORMATION

### ADR/RID/ADN/IMDG/IATA:

14.1. **UN number or ID number :** not applicable.

14.2. **UN proper shipping name:** not applicable.

14.3. **TRANSPORT HAZARD CLASS(ES):** not applicable.

14.4. **PACKING GROUP:** not applicable.

14.5. **ENVIRONMENTAL HAZARDS:**  
The mixture has not been tested - no available data.

14.6. **SPECIAL PRECAUTIONS FOR USER**  
See sections 6 to 8 of this Safety Data Sheet.

14.7. **MARITIME TRANSPORT IN BULK ACCORDING TO IMO INSTRUMENTS**  
Not applicable.

## SECTION 15: REGULATORY INFORMATION

The mixture is not subject to *Regulation (EC) No 1005/2009 of the European Parliament and of the Council of 16 September 2009 on substances that deplete the ozone layer*, *Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004 on persistent organic pollutants and amending Directive 79/117/EEC* or *Regulation (EC) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of dangerous chemicals*

### 15.1 **SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE**

*REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.*

*REACH (Article 59) – Candidate List of Substances of Very High Concern for Authorization – not applicable.*

*REACH (Annex XVII) – Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles - not applicable.*

*REACH (Annex XIV) – List of substances subject to authorization.- not applicable.*

*REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.*

*COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).*

*Council Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work.*

*Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.*

*Commission Directive 2006/15/EC of 7 February 2006 establishing a second list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Directives 91/322/EEC and 2000/39/EC.*

*Commission Directive 2009/161/EU of 17 December 2009 establishing a third list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Commission directive 2000/39/EC.*



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*COMMISSION DIRECTIVE (EU) 2017/164 of 31 January 2017 establishing a fourth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC, and amending Commission Directives 91/322/EEC, 2000/39/EC and 2009/161/EU*

*Directive 2004/37/EC of the European Parliament and of the Council of 29 April 2004 on the protection of workers from the risks related to exposure to carcinogens or mutagens at work*

### 15.2. CHEMICAL SAFETY ASSESSMENT

The chemical safety assessment has not been carried out for the mixture.

### SECTION 16: OTHER INFORMATION

The classification of the mixture is based on:

- the category "acute toxicity" – an additive method;
- the category "skin corrosion/irritation" – an additive method;
- the category "serious eye damage/eye irritation" - an additive method;
- the category "respiratory or skin sensitization" – concentration of sensitizing ingredients;
- the category "mutagenicity"- concentration of classified ingredients;
- the category "carcinogenicity" – concentration of classified ingredients;
- the category "reproductive toxicity" - concentration of classified ingredients;
- the category "STOT repeated exposure" - concentration of classified ingredients;
- the category "STOT single exposure"- concentration of classified ingredients;
- the category "aspiration hazard" – an additive method;
- the category "ecotoxicological properties" – an additive method.

#### **Abbreviations and acronyms used in the safety data sheet:**

PBT – *Persistent, Bioaccumulative, Toxic;*

vPvB – *Very Persistent and very Bioaccumulative;*

LC50 – *(ang. Lethal Concentration 50%);*

OEL - *Occupational Exposure Limit;*

TWA - *Eight – hour Time Weighted Average;*

STEL – *Short Term Exposure Limit.*

#### **List of relevant hazard statements and precautionary statements which are not written out in full under Sections 2 to 15:**

Acute Tox. 4	Acute toxicity of category 4.
Skin Sens. 1B	Skin sensitization of category 1B.
Skin Sens. 1	Skin sensitization of category 1.
Skin Irrit. 2	Skin Irritation of category 2
Eye Irrit. 2	Eye Irritation of category 2.
Aquatic Acute 1	Hazardous to the aquatic environment of category 1.
Aquatic Chronic 2	Hazardous to the aquatic environment of category 2.
H315	Causes skin Irritation.
H319	Causes serious eye irritation.
H317	May cause an allergic skin reaction.
H332	Harmful if inhaled.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.

The information corresponds to the present state of our knowledge and is intended as a general description of our products and their possible applications. This document is neither a quality description of the product nor a guarantee of particular properties. The information are to be treated as aid to safety in transport, storage and usage of the product. This does not free the user from the responsibility of improper usage of the information above and also of improper compliance with the law norms in the field. Due to possible changes in our products and applicable national and international regulations and laws, the status of our products could change.