

# MATERIAL SAFETY DATASHEET

According to the European Parliament and Council Regulation (EC) No 1907/2006

Date of issue: 31. 5. 2012

Date of revision: 8. 6. 2020

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Product name: Dr. House rust & scale cleaner

## 1. Identification of the substance / mixture and company / factory

### 1.1. Product identifier

Dr. House rust & scale cleaner

CAS number: mixture - none

ES (EINECS) number: mixture - none

**1.2. Use of the substance/mixture and use not recommended:** multi-cleaner for various surfaces

### 1.3. Details about supplier of MSDS:

Company name: VENTO BOHEMIA s r.o.

Address: Černá cesta 919, Horní Suchá, 73535; Czech Republic

Company reg. No.: CZ25825348

Phone number: + 420 596425593

E-mail: [ventobohemia@ventobohemia.cz](mailto:ventobohemia@ventobohemia.cz)

Contact person: Mr. Pavel Pilar

E-mail: [pilar@primogroup.cz](mailto:pilar@primogroup.cz)

### 1.4. Emergency phone:

non-stop +420 224 919 293 or +420 224 915 402

Toxikologické informační středisko (TIS)

Na Bojišti 1, Praha 2, ZIP: 128 02, Czech Republic

The National Toxicology Information Center: 112

## 2. HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

According to Regulation n. 1272/2008/ES (CLP):

None

Mixture is classify according to Regulation (1999/45/ES)

None

### 2.2. Labelling elements:

Classification of the substance or mixture

Classification in accordance with Regulation (EC) no. 1272/2008 (CLP)

|                                      |  |
|--------------------------------------|--|
| Product identification:              | Dr. House rust & scale cleaner                         |
| Hazardous substances:                | -  |
| Hazard pictogram:                    | -  |
| Signal words:                        | -  |
| Hazard statements:                   | -  |
| Precautionary statements:            | -  |
| Additional information on the label: | EUH 210 Upon request is available a safety data sheet. |

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The label on the general public in accordance with Council Regulation (EC) no. 648/2004 on detergents:

- less than 5% aniontensides
- Phosphatic Acid
- parfum

## 2.3. Another danger

The mixture is not classified as PBT or PvB and not contains substances of very high concern (SVHC) according to REACH, n. 57.

## 3. Composition / Information on ingredients:

Mixture contain these hazardous substances:

| Name of substance   | INDEX, CAS, EINECS number | Content %                   | Classify CLP        |
|---------------------|---------------------------|-----------------------------|---------------------|
| Phosphoric Acid 75% | < 5 %                     | -<br>7664-38-2<br>231-633-2 | Skin Corr. 1B; H314 |

Full text of the use H-phrases are in section 16.

## 4. Instructions for first aid

### 4.1. Description for first aid:

In case of contact with a mixture is usually not needed medical assistance. If you have health problems, seek medical advice and show this label. Don't eat, drink or smoke while using. Follow the standard rules for manipulation with chemicals and routine hygiene measures.

- **Contact with eye:** Mixture gets into eyes, you have to forcibly open eyes and rinse with large quantity water cca 15 min. If disabled person has contact lenses, you must be take out it. Immediately seek medical advice.
- **Contact with skin:** Wash affected parts skin with water and soap and use cream for hand. If your skin is very irritated, don't use cream and seek medical advice immediately.
- **Inhalation:** In case of inhalation or respiratory irritation stop exposure immediately, provide the supply of fresh air, and ensure a rest. If the problems are persistent, seek medical advice.
- **Ingestion:** Disabled person should be at rest, rinse mouth with large quantity water and drink 1-2 dl of tepid water. Don't induce vomiting and seek medical advice immediately.

### 4.2. The most important acute and delayed symptoms and effects

Upon inhalation may cause respiratory irritation. In case of eye product causes irritation. Ingestion may arise indigestion.

### 4.3. Instructions for Immediate medical assistance and special treatment

Is not specify

## 5. Fire-fighting measures

### 5.1. Extinguishing

Suitable extinguishing:

powder fire extinguisher

Unsuitable extinguishing:

water

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- 5.2. Special dangerous follows from the substance or mixture: Fire produces oxygen, dust.  
5.3. Instructions for firemen: protective clothing, respirator

## **6. Measures in case of accidental escape**

### 6.1. Measures for protect persons, protective equipment and emergency procedures:

Provide adequate ventilation. Wear personal protective equipment. Follow the instructions contained in chapters 7 and 8.

6.2. Measures for environmental protection: Prevent product penetrated into drains, surface and ground water, soil. Leakage into water, inform the user and stop its use..

6.3. Methods and materials for limitations escape and cleaning up: Accidental release cover drains. Prevent further leakage. Larger amounts to be drained into labeled containers. Residues adsorbed into adsorbent (sand, diatomite, vapex, acidic or inert binder), stored in labeled containers and proceed according to the department. 13th

6.4. Others sections: see 8. and 13. sections

## **7. Handling and storage**

### **7.1. Measures for safe handling**

Not necessary special measures. Avoid skin or eye contact and follow safety instructions on the packing. Don't eat, drink or smoke while using. When you finish work, take off contaminated clothing and wash your hands with water and soap. Use protective equipment (section 8).

### **7.2. Conditions for safe storage substances and mixtures incl. incompatible substances and mixture**

Store in original, tightly closed covers; store out of children's reach, separately from food and drinks.

7.3. Specific final uses: Cleaning detergent

## **8. Exposure controls / protective equipment**

### 8.1. Control parameters:

| Substance | CAS     | PEL/NPK-P<br>(mg/m <sup>3</sup> ) | Notes | Conversion<br>factor for ppm |
|-----------|---------|-----------------------------------|-------|------------------------------|
| Ethanol   | 64-17-5 | 1000 / 3000                       | -     | 0,532                        |

The mixture does not contain ingredients with limits on the working environment.

### **Recommended monitoring procedures**

It not specified.

### 8.2. Limiting exposure

#### 8.2.1. Suitable technical control:

Observe usual measures of health at work and in particular good ventilation. This can be achieved only local exhaust ventilation effective overall.

#### 8.2.2. Individual protection measures including personal protective equipment

- **Respiratory protection:** During normal handling is required. When working with a larger quantity of a mixture recommend the use of a respirator.
- **Eye protection:** Safety goggles when working with long-term preparation.
- **Hand protection:** Protective gloves (depending on the nature of the work performed). For prolonged or repeated contact use suitable protective creams for the skin coming into direct contact with the product.

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- **Skin and body protection:** When handling the product durable recommend protective clothing.

8.2.3. **Environmental exposure controls:** Observe usual measures for environmental protection. Prevent penetration into drains, surface and groundwater, soil.

## **9. Physical and chemical properties**

### **9.1. Informations about basic physical and chemical properties**

|  |  |
|--|--|
| <u>Appearance - state (at 20°C):</u>           | liquid fluid   |
| <u>Smell (odor):</u>                           | according product specification                        |
| <u>Color:</u>                                  | transparent  |
| <u>Value pH (at 20°C), 1% aqueous solution</u> | 0,5 – 2,5  |
| <u>Flash-point (°C):</u>                       | not determined – low concentration of flammable matter |
| <u>Combustibility:</u>                         | non-flammable  |
| <u>Risk explosion:</u>                         | non-explosive  |
| <u>Oxidizing properties:</u>                   | non-oxidizing  |

### **9.2. Other informations**

Solubility in water: yes

## **10. Stability and reactivity:**

### **10.1. Reactivity:**

Data not available

### **10.2. Chemical stability:**

The product is stable at recommended storage and handling

### **10.3. Dangerous reactions:**

No dangerous reactions known.

### **10.4. Conditions to be avoided:**

The temperature lower than 3 °C and higher than 30 °C, direct sunshine

### **10.5. Incompatible materials:**

Data not available

### **10.6. Dangerous products at decomposition:**

Under normal use not arise. At high temperatures and under fire produces hazardous gass, such as carbon dioxide

## **11. Toxikological informations**

### **Acute toxicity:**

For the mixture has not been determined.

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|   |  |
|---|--|
| <b>Irritation and skin corrosion:</b>                               | The mixture is not classified as irritating and corrosive. |
| <b>Serious eye damage / eye irritation:</b>                         | The mixture is not classified as irritating.               |
| <b>Respiratory sensitization or skin:</b>                           | The mixture is not classified as sensitizing.              |
| <b>Germ cell mutagenicity:</b>                                      | The mixture is not classified as mutagenic.                |
| <b>Carcinogenicity:</b>   | The mixture is not classified as a carcinogen.             |
| <b>Reproductive toxicity:</b>                                       | The mixture is not classified as toxicogenic.              |
| <b>Toxicity STOT - single exposure:</b>                             | Not classified as a pollutant                              |
| <b>Toxicity for specific target organs<br/>- repeated exposure:</b> | The mixture is not classified as a pollutant.              |
| <b>Aspiration hazard:</b>   | Not available  |

## **12. Ekological information**

**12.1. Toxicity** Not tested for mixing

### **12.2. Persistence and degradability**

The surfactants contained in the product comply with biodegradability in accordance with Regulation of the European Parliament and Council Regulation (EC) č.648/2004 of 3 March 2004 on detergents. The ingredients are biodegradable at more than 60%.

### **12.3. Bioaccumulation potential**

The mixture not tested.

### **12.4. Mobility in soil:**

The mixture not tested.

### **12.5. Results of PBT and vPvB:**

The product does not meet the criteria for classification as PBT or vPvB

### **12.6 Other adverse effects**

In normal use it is not known or expected threats to the environment.

## **13. Instructions for removal**

### **13.1. Method disposal of the waste:**

#### **Appropriate methods disposal substance or mixture:**

Dispose of in accordance with Local Authority requirements. Small quantities (At the consumer's) should be treated as household waste. Large quantities cover with an Absorbent material (dolomite, sand, soil), collect into tightly sealed, isolated and clearly Labelled containers.

#### **Appropriate methods disposal contaminated packaging**

Disposed of in accordance with the provisions of Act No. 185/2001 Coll., On waste, as amended. Contaminated packaging must be completely emptied or you must treat them with the actual product. Emptied and rinsed containers to store the sorted waste (plastics).

## **14. Transport information**

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Transportation of Dangerous Goods: The product is not subject to the regulation of transport within the meaning of the applicable regulations.

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## 15. Regulatory information

### 15.1. Regulation concerning safety, health and environment/specific legislation for substance or mixture:

- Regulation of the European Parliament and Council Regulation (EC) no. 1272/2008 of 16 December 2008 on classification, labeling and packaging of substances and mixtures, amending and repealing Directives 67/548 / EEC and 1999/45 / EC and amending Reg. (EC) no. 1907/2006, as amended.
- Regulation of the European Parliament and Council Regulation (EC) no. 1907/2006 of 18 December 2006, as amended Corrections of 29 May 2007 concerning the registration, evaluation, authorization and restriction of chemicals, establishing a European Chemicals Agency, as amended .
- Commission Directive 91/322 / EEC on establishing indicative limit values by implementing Council Directive 80/1107 / EEC on the protection of workers from risks related to exposure to chemical, physical and biological agents at work.
- Council Directive 98/24 / EC on the protection of workers from the risks related to chemical agents at work (fourteenth individual Directive within the meaning of Art. 16 paragraph. 1 of Directive 89/391 / EEC)
- Commission Directive 2000/39 / EC establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24 / EC on the health and safety of workers from the risks related to chemical agents at work
- Commission Directive 2006/15 / EC 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
- Act no. 356/2003 Coll. on chemical substances and chemical preparations, as amended
- Act no. 120/2002 Coll. on conditions for placing biocidal products and active substances on the market, as amended, and related regulations amended
- Act no. 185/2001 Coll. Waste amended by Act no. 188/2004 Coll and the related regulations.
- Ministry of the Environment Decree no. 381/2001 Coll., Which specifies the Waste Catalogue.
- Act no. 258/2000 Coll. on public health protection in the wording of the relevant legislation amended
- Decree no. 361/2007 Coll., Laying down the conditions of health protection at work
- Act no. 111/1994 Coll. on road transport and Decree no. 64/1987 Coll. a European agreement on international road transport of dangerous goods (ADR), as amended and as amended, and related regulations.
- Directive 67/548 / EEC on the approximation of laws, regulations and administrative provisions relating to the classification, packaging and labeling of dangerous substances.
- Directive of the European Parliament and Council Regulation (EC) no. 1999/45 / EC on the approximation of the laws, regulations and administrative provisions of the Member States relating to the classification, packaging and labeling of dangerous preparations

15.2. The chemical safety assessment: not performed

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### 16. Other information:

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## The complete text of H-phrases used in section 3:

H314 Causes severe skin burns and eye damage.

## List of Abbreviations:

CAS - Chemical Abstracts Service

EC number - EINECS (European Inventory of Existing Commercial Chemical Substances), Elincs (European

List of Notified Substances) or NLP (no-longer polymers)

LD50 - lethal dose, 50%

LC50 - lethal concentration 50%

EC50 - effective concentration 50%

IC50 - inhibitory concentration 50%

PBT - persistent, bioaccumulative and toxic

vPvB - very persistent and very bioaccumulative

BCF - bioconcentration factor

COD - chemical oxygen demand

BOD - biological oxygen demand

DNEL - derived level at which no adverse effect

PNEL - estimate of the concentration at which no adverse effects

NOAEL - the level at which the No Observed Adverse Effect

NOAEC - Concentration No Observed Adverse Effect

NOEC - concentration at which there was no effect

ADR - European Agreement concerning the International Carriage of Dangerous Goods

## Other informations:

MSDS was compiled on the basis of MSDS components of the mixture and of MSDS producer mixture.

## Changes from the previous version:

Updating according to Regulation (EU) no. 453/2010 amending Regulation of the European Parliament and Council Regulation (EC) No.1907 / 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

## Source of key data used to compile the data sheet:

National legislation, chemical databases and tables.

## Relevant data for classification and labeling of mixtures:

Using conventional methods.

## Instructions for training:

According to the MSDS

## Statement:

The informations are corresponding with current status, describe the substance/mixture with safety directions and cannot be regarded as guaranteed values.