

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 Grill & Oven cleaner

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

1.1. Product identifier

DR. HOUSE Grill & Oven cleaner

CAS number:

mixture - none

ES (EINECS) number:

mixture - none

1.2. Use of the substance/mixture and use not recommended: chemical cleaning agent

1.3. Details about supplier of MSDS:

Company name:

VENTO BOHEMIA spol.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

Contact person:

Mr. Pavel Pilar

E-mail:

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):


Skin Irrit. 2, H315

Eye Irrit. 2, H319

2.2. Labelling elements:

Classification of the substance or mixture

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

Product identification:	DR. HOUSE Grill & Oven cleaner
Hazardous substances:	Sodium Hydroxide
Hazard pictogram:	
Signal words:	WARNING
Hazard statements:	H315 Causes skin irritation. H319 Causes serious eye irritation.
Precautionary statements:	P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children.

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	P280 Wear eye protection. P302 + P352 IF ON SKIN: Wash with plenty of soap and water. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 If eye irritation persists: Get medical advice/attention.
Additional information on the label:	-

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

- Sodium hydroxide
- Less than 5% nonionic surfactant,
- Less than 5% EDTA and salts,
- Perfume

2.3. Another danger

At the date of issue of the safety data sheet are not contained substances included on the candidate lists (list of SVHC substances) for inclusion in Annex XIV of the REACH Regulation.

3. Composition / Information on ingredients:

Mixture containt these hazardous substances:

Product identifier	Concentration / concentration range	index number CAS EC number	Classification under Regulation (EC) no. 1272/2008
Sodium hydroxide* (No. 01-2119457892-27 REACH)	0,5 – 2 %	011-002-00-6 1310-73-2 215-185-5	Met. Corr. 1, H290 Skin Corr. 1A, H314 Eye Dam. 1, H318
2-butoxyethyl acetate (No. 01-2119475112-47 REACH)	0,5 – 2 %	607-038-00-2 112-07-2 203-933-3	Acute Tox. 4, H302 Acute Tox. 4, H312 Acute Tox. 4, H332

* Specific limit for classification: Eye Irrit. 2 H319: $0.5\% \leq C < 2\%$

Skin Irrit. 2, H315: $0.5\% \leq c < 2\%$

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.

Inhalation:	<i>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.</i>
Contact with	<i>Wash affected parts skin with water and soap and use cream for hand. If your skin is very</i>

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skin:	<i>irritated, don't use cream and seek medical advice immediately.</i>
Contact with eye:	<i>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. Immediately seek medical advice.</i>
Ingestion:	<i>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.</i>

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

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

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8. Exposure controls / protective equipment

8.1. Control parameters:

Control parameters of substances are laid down in Government Decree no. 361/2007 Coll., As amended

Sunstance	CAS	PEL/NPK-P (mg/m ³)	Comments	conversion factor to ppm
Sodium Hydroxide	1310-73-2	1 / 2	I	-
2-butoxyethyl acetate	112-07-2	130 / 300	D	0,153

Note D: During exposure, absorbed through the skin or a strong irritating effect on the skin.

Note I: irritating to mucous membranes (eyes, respiratory tract), respectively. Skin

Limit exposure values at the workplace according to Directive no. 2006/15 / EC

CAS	Name of substance	8 hours		Short time		Comment
		mg/m ³	ppm	mg/m ³	ppm	
112-07-2	2-butoxyethyl acetate	133	20	333	50	D

Limit values of biological exposure tests are set out in Decree no. 432/2003 Coll.

DNELs and PNECs: the product is not available.

Sodium hydroxide

DNEL

Researchers: 1 mg / m³ - human exposure, inhalation, long-term exposure, local effects

Consumers: 1 mg / m³ - human exposure, inhalation, long-term exposure, local effects

2-butoxyethyl acetate

DNEL

Researchers: 133 mg / m³ - human exposure, inhalation, long-term exposure, systemic effects

Researchers: 775 mg / m³ - Exposure person inhaled, short-term exposure, systemic effects

Researchers: 333 mg / m³ - Exposure person inhaled, short-term exposure, local effects

Researchers: 102 mg / kg body weight / day - human exposure, dermal, long-term exposure, systemic effects

Researchers: 102 mg / kg body weight / day - human exposure, dermal, short-term exposure, systemic effects

Consumers: 67 mg / m³ - human exposure, inhalation, long-term exposure, systemic effects

Consumers: 499 mg / m³ - Exposure person inhaled, short-term exposure, systemic effects

Consumers: 166 mg / m³ - Exposure person inhaled, short-term exposure, local effects

Consumers: 36 mg / kg body weight / day - human exposure, dermal, long-term exposure, systemic effects

Consumers: 27 mg / kg body weight / day - human exposure, dermal, short-term exposure, systemic effects

Consumers: 4.3 mg / kg body weight / day - human exposure, oral, long-term exposure, systemic effects

Consumers: 18 mg / kg body weight / day - human exposure, oral, short-term exposure, systemic effects

PNEC

freshwater environments: 0.304 mg / l

sea water: 0.0304 mg / l

organisms in sewage plants: 90 mg / l

freshwater sediments: 2.03 mg / kg dry sediment

marine sediments: 0.203 mg / kg dry sediment

land (agricultural): 0.68 mg / kg dry soil

hazards for predators, secondary poisoning: 0.06 g / kg diet

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.

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- **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.
- **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 without color
<u>Value pH (at 20°C), 1% aqueous solution</u>	11,0 – 13,5
<u>Flash-point (°C):</u>	not determined
<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:

Under normal circumstances, there are no known specific risks reactions with other substances

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 5 °C and higher than 30 °C, direct sunshine

10.5. Incompatible materials:

Oxidising agents.

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.

- LD50, oral, rat (mg.kg-1):

325 (sodium hydroxide)

1880 (2-butoxyethyl acetate)

- LD50, dermal, rabbit (mg.kg-1):

1500 (2-butoxyethyl acetate)

- LC50, inhalation, rat (mg-1):

> 3.91 / 8 hours. (2-butoxyethyl acetate)

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Skin corrosion / irritation

Causes skin irritation.

Serious eye damage / eye irritation

Causes serious eye irritation.

Respiratory / skin sensitization

Based on available data classification criteria are not met.

Germ cell mutagenicity

Based on available data classification criteria are not met.

Carcinogenic

Based on available data classification criteria are not met.

Reproductive toxicity

Based on available data classification criteria are not met.

Toxicity for specific target organs - single exposure

Based on available data classification criteria are not met.

Toxicity for specific target organs - repeated exposure

Based on available data classification criteria are not met.

Aspiration hazard

Based on available data classification criteria are not met.

12. Ekological information

12.1. Toxicity

Harmful to aquatic life with long lasting effects.

- LC50, 96 hrs., Fish (mg.l-1):	- LC50, 96 hrs., Fish (mg.l-1): 125 Gambusia affinis (sodium hydroxide) 145/24 hr., Poecilia reticulata (sodium hydroxide) 20-40 Oncorhynchus mykiss (2-butoxyethyl acetate)
- EC50, 48 hrs., Shellfish (mg.l-1):	76/24 hr., Daphnia magna (sodium hydroxide) 37 Daphnia magna (2-butoxyethyl acetate)
- IC50, 72 hrs., Algae (mg.l-1):	22/15 min., Photobacterium phosphoreum (sodium hydroxide) 520 Selenastrum capricornutum (2-butoxyethyl acetate) 1570 Pseudokirchneriella subcapitata (2-butoxyethyl acetate)

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.

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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

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

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

16. Other information:

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

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

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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
 PNEC - 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

Acute Tox. 4	Acute toxicity, category 4, oral
Skin Corr. 1C	Skin corrosion, Category 1C
Eye Dam. 1	Serious eye damage, Category 1
Eye Irrit. 2	Eye irritation, category 2
Aquatic Acute 1	Hazardous to the aquatic environment acute category 1
Aquatic Chronic 1, 3	Hazardous to the aquatic environment, chronic, category 1, 3
C	Corrosive
N	Dangerous for the environment
Xi	Irritant
Xn	Harmful

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.