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SAFETY DATA SHEET

Prepared in accordance with EC Regulation No. 1907/2006 (REACH)

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

PRESTO Wood & Laminate Surface Cleaning Wet Wipes

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

Relevant identified uses:

Wet wipes for cleaning wooden furniture & laminate.

Uses advised against:

Do not use for personal hygiene.

1.3. Details of the supplier of the safety data sheet

Producer:

Harper Hygienics S.A.
ul. Gen. K. Sosnkowskiego 34
05-300 Mińsk Mazowiecki
tel.: + 48 25 759 84 00

E-mail address for a competent person responsible for sds: msds@harperhygienics.com

1.4. Emergency telephone number

European emergency number: 112

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

PRESTO Wood & Laminate Surface Cleaning Wet Wipes has not been classified in accordance with the criteria of Regulation (EC) No 1272/2008 as a hazardous product.

2.2. Label elements

Hazard pictograms and signal words:

Not applicable.

Hazard statements

Not applicable.

Precautionary statements:

P102 Keep out of reach of children.

Additional information:

EUH208 Contains Methylchloroisothiazolinone, Methylisothiazolinone. May produce an allergic reaction.

Composition: < 5% non-ionic surfactants, perfume, preservative: 2-Bromo-2-nitropropane-1,3-diol, Methylchloroisothiazolinone, Methylisothiazolinone.

2.3. Other hazards



The product components do not meet the criteria for PBT or vPvB substances in accordance with Annex XIII of REACH. The product shall not contain ingredients included in the list established in accordance with Article 59(1) as having endocrine disrupting properties or ingredients with endocrine disrupting properties in accordance with the criteria set out in Regulation 2017/2100/EU or Regulation 2018/605/EU in a concentration equal to or greater than 0,1%.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable.

3.2. Mixtures

Name of raw material	Concentration [%]	CLP classification	CAS number/ EC number/ Index number/ REACH	EUH	specific concentration limit (SCL), M-factor, acute toxicity estimate (ATE)
2-Bromo-2-nitropropane-1,3-diol	< 0.1	 Danger Eye Dam. 1 H318 Aquatic Acute 1 H400 Aquatic Chronic 1 H410 Acute Tox. 4 H302 Acute Tox. 4 H312 Skin Irrit. 2 H315 STOT SE 3 H335	52-51-7 200-143-0 603-085-00-8 01-2119980938-15-XXXX	-	M=10 M(Chronic)=1 ATE oral: 324 mg/kg ATE dermal: 1600 mg/kg
5-chloro-2-methyl-2H-isothiazol-3-one, 2-methyl-2H-isothiazol-3-one (3:1)	< 0.0015	 Danger Acute Tox. 2 H301 Acute Tox. 3 H310 Acute Tox. 3 H330 Skin Corr. H314 1B Eye Dam. 1 H318 Aquatic Acute 1 H400 Aquatic Chronic 1 H410 Skin Sens. 1A H317	55965-84-9 - 613-167-00-5 01-2120764691-48-XXXX	EUH071	Eye Dam. 1; H318: C ≥ 0,6 % Eye Irrit. 2; H319: 0,06 % ≤ C < 0,6 % Skin Corr. 1C; H314: C ≥ 0,6 % Skin Irrit. 2; H315: 0,06 % ≤ C < 0,6 % Skin Sens. 1A; H317: C ≥ 0,0015 % M=100 M(Chronic)=100 ATE oral: 66 mg/kg ATE dermal: > 141 mg/kg ATE, dust and mists, 4 hours, inhale: 0,17 mg/l

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures**Inhalation:**

Not dangerous under normal conditions. Remove to fresh air. Keep the victim warm and calm. Consult a doctor if disturbing symptoms appear.

Skin contact:

Not dangerous under normal conditions. Dermatologically tested. Consult a doctor if disturbing symptoms appear.

Eye contact:

Consult a doctor if disturbing symptoms appear. Protect the non-irritated eye, remove contact lenses. Wash the contaminated eyes with plenty of water for several minutes. Avoid powerful water stream – risk of cornea damage.

Ingestion:

Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person. Do not induce vomiting. If necessary, provide medical assistance.

In the event of appearance or persistence of symptoms resulting from exposure to the product, provide the injured with medical assistance. Remove the source of exposure and move the injured from the place of exposure.

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

Skin contact: dryness, redness, allergic reaction in sensitive people. Other routes of exposure: the effects of exposure and its symptoms are unknown.

4.3. Indication of any immediate medical attention and special treatment needed

The decision on how to proceed with the rescue is made by the doctor after a thorough assessment of the injured person's condition. Symptomatic treatment.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Product does not require any special extinguishing agents. Suitable extinguishing media: carbon dioxide, foam, dry powder. Unsuitable extinguishing media: water jet – risk of the propagation of the flame.

5.2. Special hazards arising from the substance or mixture

During combustion harmful fumes consisting of e.g. carbon oxides and other unidentified products of thermal decomposition may be produced. Do not inhale combustion products, it may cause health risk.

5.3. Advice for firefighters

Use typical general protection measures in case of fire. Do not stay in the fire-endangered area without appropriate chemical-resistant clothing and self-contained breathing apparatus. Collect residual extinguishing agents. Do not allow them to enter the sewage system, surface and ground waters.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Limit the access for the outsiders into the breakdown area, until the suitable cleaning operations are completed. In case of a large breakdown, isolate the exposed area. Ensure that only the trained personnel removes the effects of the accident.

Wear personal protective equipment. Avoid eyes, skin and clothes contamination. Keep away all sources of ignition, extinguish open fire.

6.2. Environmental precautions

Notify the appropriate emergency services immediately. In case of large releases of the product, it should not be allowed to spread into the environment.

6.3. Methods and material for containment and cleaning up

Collect mechanically and place in labeled containers. Treat the collected material as waste. Clean and ventilate the contaminated place properly. Do not use sparking tools.

6.4. Reference to other sections

Appropriate conduct with waste product – see section 13. Personal protection equipment - see section 8.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Work in accordance with the safety and hygiene rules. Do not inhale vapors of the product. Wash hands before breaks and at the end of work. Avoid eye contamination. Take off contaminated clothing immediately after use, and wash it before reuse. Keep unused containers tightly closed.

7.2. Conditions for safe storage, including any incompatibilities

Store only in original, tightly closed containers in a dry, cool and well-ventilated place. Keep away from food, beverages or animal feed. Avoid direct sunlight. Protect against drying out. Do not store together with incompatible materials (see subsection 10.5).

7.3. Specific end use(s)

There is no information about other uses than those mentioned in section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

DNELs for 5-chloro-2-methyl-2H-isothiazol-3-one, 2-methyl-2H-isothiazol-3-one (3:1) [CAS 55965-84-9]:

Route of exposure	Exposure pattern	DNEL (consumers)
inhalation	Long-term	20 µg/m ³
inhalation	Short-lived	40 µg/m ³
Oral	Long-term	90 µg/kg
Oral	Short-lived	110 µg/kg

PNEC values for 5-chloro-2-methyl-2H-isothiazole-3-one, 2-methyl-2H-isothiazole-3-one (3:1) [CAS 55965-84-9]:

Environment	PNEC
freshwater	3,39 µg/l
sea water	3,39 µg/l
freshwater sediment	27 µg/kg
seawater sediment	27 µg/kg
Occasional release	3,39 µg/l
soil	10 µg/kg
sewage treatment plant	230 µg/l

DNELs for 2-Bromo-2-nitropropane-1,3-diol [CAS 52-51-7]:

Route of exposure	Exposure pattern	DNEL (consumers)
inhalation	Long-term	600 µg/m ³
inhalation	Short-lived	1.8 mg/m ³
Dermal	Long-term	700 µg/kg
Dermal	Short-lived	2.1 mg/kg
Oral	Long-term	180 µg/kg
Oral	Short-lived	500 mg/kg

PNEC values for 2-Bromo-2-nitropropane-1,3-diol [CAS 52-51-7]:

Environment	PNEC
freshwater	10 µg/l
sea water	800 ng/l
freshwater sediment	41 µg/kg
seawater sediment	3,28 µg/kg
Occasional release	2,5 µg/l
soil	500 µg/kg
sewage treatment plant	430 µg/l

8.2. Exposure controls

Appropriate engineering controls

Observe the general rules of safety and hygiene. Do not eat, drink and smoke during the work. Before break and after work wash hands carefully. Avoid contamination of eyes. Take off contaminated clothes and wash it before next use. Use personal protection measures.

Individual protection measures, such as personal protective equipment

The necessity to use and selection of appropriate personal protective equipment should take into account the type of risk posed by the product, conditions at the workplace and the manner of handling the product. The personal protective equipment used must meet the requirements of Regulation (EU) 2016/425 and the relevant standards. The employer is obliged to provide protection measures appropriate to the activities performed and meeting all quality requirements, including their maintenance and cleaning. Any contaminated or damaged PPE must be replaced immediately.

Hand and body protection

In the case of long-term exposure, during surface disinfection, use protective gloves resistant to the product, in accordance with the EN 374 standard. The material for the gloves should be selected individually at the workplace. The glove material has to be impermeable and resistant to the product. The choice of material should be made taking into account the breakthrough times, permeation rate and degradation. Moreover, the selection of the appropriate gloves does not only depend on the material, but also on other quality characteristics and varies from manufacturer to manufacturer. The exact break through time should be obtained from the glove manufacturer and must be observed.

Eye protection

Not required. Wear safety glasses in case there is a risk of eye contamination.

Respiratory protection

In case of an adequate ventilation it is not required.

Thermal hazards

Do not occur.

Environmental exposure controls

Do not allow the large quantity of mixture to contaminate ground water, sewage systems, sewage and soil.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Parameter	Value
Physical state	solid
Colour	white
Odour	characteristic of the raw materials used
Melting point/freezing point	not applicable
Boiling point or initial boiling point and boiling range	not applicable
Flammability	no data available
Lower and upper explosion limits	no data available
Flash point	not applicable
Auto-ignition temperature	not applicable
Decomposition temperature	not applicable
pH	4.0-6,0 (for liquid before moisturization)
Kinematic viscosity	not applicable
Solubility in water	not applicable
Solubility in polar and non-polar solvents	not applicable
Partition coefficient n-octanol/water (log value)	no data available
Vapour pressure	no data available
Density and/or relative density	no data available
Relative vapor density	no data available
Particle characteristics	not applicable

9.2. Other information

There are no additional test results.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

The product is not very reactive. Not prone hazardous polymerization. See also subsections 10.4-10.5.

10.2. Chemical stability

The product is not characterized by any instability if used under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions are not known.

10.4. Conditions to avoid

Excessive heating, moisture. Wet wipes should be protected against drying and stored in tightly closed packages. Avoid temperatures below 5°C and above 35°C.

10.5. Incompatible materials

They are not known.

10.6. Hazardous decomposition products

Not known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Information regarding acute and/or delayed results of the exposure was defined on the basis of the information on product's classification and/or toxicological studies as well as the experience and knowledge of the manufacturer.

Acute toxicity

ATEmix (ingestion) > 2 000 mg/kg

ATEmix (dermal) > 2 000 mg/kg

ATEmix (inhalation) > 20 mg/l

Calculated on the basis of the value provided in Table 3.1.2. CLP Regulation. The classification criteria in accordance with CLP are not met.

Skin corrosion/ irritation

The classification criteria in accordance with CLP are not met.

Serious eye damage/irritation

The classification criteria in accordance with CLP are not met.

Respiratory or skin sensitisation

The classification criteria in accordance with CLP are not met.

Repeated dose toxicity

The classification criteria in accordance with CLP are not met.

Germ cell mutagenicity

The classification criteria in accordance with CLP are not met.

Carcinogenicity

The classification criteria in accordance with CLP are not met.

Reproductive toxicity

The classification criteria in accordance with CLP are not met.

STOT - single exposure

The classification criteria in accordance with CLP are not met.

STOT - repeated exposure

The classification criteria in accordance with CLP are not met.

Aspiration hazard

The classification criteria in accordance with CLP are not met.

Information on likely routes of exposure

Routes of exposure: skin contact, eye contact, inhalation. For more information on the impact of each possible route of exposure, see subsection 4.2.

Symptoms related to the physical, chemical and toxicological characteristics

Skin contact: dryness, redness, allergic reaction in sensitive people.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

No data.

11.2. Information on other hazards

Endocrine disrupting properties

The product does not contain ingredients entered in the list established in accordance with Art. 59 sec. 1 as having endocrine disrupting properties or components with endocrine disrupting properties in accordance with the criteria set out in Regulation 2017/2100 / EU or Regulation 2018/605 / EU in a concentration equal to or more than 0.1%.

Other information

No data.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

The product is not classified as dangerous for environment.

12.2 Persistence and degradability

Surfactants contained in the product are easily biodegradable.

12.3 Bioaccumulative potential

Bioaccumulation is not expected.

12.4 Mobility in soil

The product does not penetrate into the soil. It does not dissolve in water and does not spread in the environment.

12.5 Results of PBT and vPvB assessment

The substances contained in the product do not meet the PBT or vPvB criteria.

12.6 Endocrine disrupting properties

The product does not contain ingredients entered in the list established in accordance with Art. 59 sec. 1 as having endocrine disrupting properties or components with endocrine disrupting properties in accordance with the criteria set out in Regulation 2017/2100 / EU or Regulation 2018/605 / EU in a concentration equal to or more than 0.1%.

12.7 Other adverse effects

There is no knowledge available about other negative effects of the mixture on the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Recommendations for the mixture: dispose of in accordance with applicable regulations. Store the remains in original containers. Do not empty into drains. The waste code should be assigned at the place of its production.

Disposal methods for used packaging: recovery / recycling / liquidation of packaging waste should be carried out in accordance with applicable regulations. Can be stored with municipal waste.

Legal basis: Directive 2008/98/EC as amended, 94/62/EC as amended.

SECTION 14: TRANSPORT INFORMATION

14.1. UN number or ID number

The product is not classified as hazardous when transported by land, sea or air.

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

Not applicable.

14.6. Special precautions for user

Not applicable.

14.7. Maritime transport in bulk according to IMO instruments

Not applicable.

SECTION 15: REGULATORY INFORMATION

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, Authorization 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 as amended.

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 as amended.

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives as amended.

European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste as amended.

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.

Commission Directive 2017/164/EU 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.

Regulation (EU) No 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC.

Commission Directive 2019/1831/EU of 24 October 2019 establishing a fifth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC and amending Commission Directive 2000/39/EC.

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).

15.2. Chemical safety assessment

Chemical safety assessment was not carried out for the product.

SECTION 16: OTHER INFORMATION

The classification was made on the basis of data on the content of hazardous components by a calculation method based on the guidelines of Regulation 1272/2008 / EC (CLP), as amended.

Full text of indicated H phrases

H301 – Toxic if swallowed
H302 – Harmful if swallowed.
H310 – Fatal in contact with skin
H312 – Harmful in contact with skin
H314 – Causes severe skin burns and eye damage
H315 – Causes skin irritation
H317 – May cause an allergic skin reaction
H318 – Causes serious eye damage
H330 – Fatal if inhaled
H335 – May cause respiratory irritation
H400 – Very toxic to aquatic life
H410 - Very toxic to aquatic life with long lasting effects

Other informations:

The "Material Safety Data Sheets" issued by the producers and suppliers of raw materials used in the production of the above-mentioned product and the relevant legal regulations were used for the preparation. The information relates to the product as supplied.

* - changes compared to the previous version

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If the conditions of using the product are not under the manufacturer's control, the responsibility for the safe use of the product, and in particular for compliance with legal regulations, falls on the user. The use of information contained in the safety data sheet for purposes other than those specified in the provisions of the Act on chemical substances and preparations requires the consent of the exhibitor.

The above information does not replace the instructions for use of the product.