

Information Sheet

SECTION 1. Identification of the substance/mixture and of the company/undertaking.

1.1. Product identifier.

Code: PAEU0177; PAEU0243; PAEU0244;
Name: HPMED

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

Description/Use: Concentrated detergent product to be used with Polti household appliances

1.3. Details of the supplier of the safety data sheet.

Company Name: POLTI Spa
Address: Via Ferloni, 83
City and Country: 22070 Bulgarograsso (Como) Italy
Italy
ph. 848 800806 (Customer Service)
fax. -

e-mail address of the person,
responsible for the safety data sheet. regulatory@polti.com

1.4. Emergency telephone number:

848 800806 (Customer service)

SECTION 2. Hazards identification.

2.1. Classification of the substance or mixture.

The product is not classified as dangerous pursuant to the provisions of regulation (EC) 1272/2008 (CLP) (as amended).
Classification and hazard statements:

2.2. Label elements

Hazard pictograms: --

Warnings: --

Hazard statements: --

Precautionary statements: --

This product is not subject to hazard labelling according to EC Regulation 1272/2008 (CLP) and subsequent amendments and additions.

Detergents Regulation 648/2004

Labelling:

Contains < 5% non-ionic surfactants.

2.3. Other hazards.

According to the available data, the product does not contain PBT or vPvB substances in percentage higher than 0.1%.

SECTION 3. Composition/information on ingredients.

3.2. Mixtures.

Contains:

The complete text of the hazard statements (H) is provided in section 16 of the sheet.

Identification	Con. %	Classification 1272/2008 (CLP).
ETHANOL		
CAS. 64-17-5	5-10	Flam. Liq. 2 H225
CE. 200-578-6		
INDEX. -		

SECTION 4. First aid measures.

4.1. Description of first aid measures.

Not specifically required. Nevertheless, use of good industrial hygiene practices is recommended.

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

No episodes of damage to health ascribable to the product are known.

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

Information not available.

SECTION 5. Firefighting measures.

5.1. Extinguishing media.

SUITABLE EXTINGUISHING MEDIA

Traditional fire-extinguishing methods are applicable: carbon dioxide, foam, powder and water spray.

UNSUITABLE FIRE-EXTINGUISHING METHODS

None in particular.

5.2. Special hazards arising from the substance or mixture.

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

Do not breathe combustion products.

5.3. Advice for firefighters.

GENERAL INFORMATION

Cool the containers with water jets to prevent the product from decomposing and potentially harmful substances from developing. Always wear equipment complete with fire protection. Collect the fire extinguishing water that must not be drained into sewers. Dispose of the contaminated fire extinguishing water and fire residues according to the regulations in force.

EQUIPMENT

Wear normal fire-fighting clothes, such as self-contained, open-circuit compressed air breathing apparatus (EN 137), flame resistant clothing (EN469), flame resistant gloves (EN 659) and fire-fighter boots (HO A29 or A30).

SECTION 6. Accidental release measures.**6.1. Personal precautions, protective equipment and emergency procedures**

Block the leak if there is no danger.

Wear adequate personal protective equipment (including personal protective equipment, as set forth in section 8 of the safety data sheet) in order to prevent contaminating skin, eyes and personal clothing. These instructions apply to both personnel involved in processing and emergency operations.

6.2. Environmental precautions.

Prevent the product from getting into sewer systems, surface water, ground water.

6.3. Methods and material for containment and cleaning up.

Vacuum the spilled product into a suitable container. If the product is flammable, use explosion-proof equipment. Assess the compatibility of the container to be used with the product, checking section 10. Absorb the remainder with inert absorbent material.

Assure sufficient aeration of the area concerned by the spillage. The disposal of contaminated material must be carried out in accordance with the provisions of point 13.

6.4. Reference to other sections.

Any information on personal protection and disposal is provided in sections 8 and 13.

SECTION 7. Handling and storage.**7.1. Precautions for safe handling.**

Handle the product after reading all the other sections of this safety data sheet. Do not dispose of the product in the environment. Do not eat, drink, or smoke during use.

7.2. Conditions for safe storage, including any incompatibilities.

Store the product in clearly labelled containers. Store the containers away from any incompatible material; refer to section 10.

7.3. Specific end use(s).

Information not available.

SECTION 8. Exposure control/personal protection.**8.1. Control parameters.**

Reference Standards:

BGR	България	МИНИСТЕРСТВО НА ТРУДА И СОЦИАЛНАТА ПОЛИТИКА МИНИСТЕРСТВО НА ЗДРАВЕОПАЗВАНЕТО НАРЕДБА No 13 от 30 декември 2003 г
CZE	Česká Republika	Nařízení vlády č. 361/2007 Sb. kterým se stanoví podmínky ochrany zdraví při práci
DEU	Deutschland	MAK-und BAT-Werte-Liste 2012

PAEU0177; PAEU0243; PAEU0244; HP MED

DNK	Danmark	Graensevaerdier per stoffer og materialer
ESP	España	INSHT - Límites de exposición profesional para agentes químicos en España 2015
EST	Eesti	Töökeskonna keemiliste ohutegurite piirnõrmi 1. Vastu võetud 18.09.2001 nr 293 RT I 2001, 77, 460 - Redaktsiooni jõustumise kp: 01.01.2008
FIN	Suomi	HTP-arvot 2012. Haitallisiksi tunnetut pitoisuudet - Sosiaali- ja terveysministeriön julkaisu ja 2012:5
FRA	France	JORF n°0109 du 10 mai 2012 page 8773 texte n° 102
GBR	United Kingdom	EH40/2005 Workplace exposure limits
GRC	Ελλάδα	ΕΦΗΜΕΡΙΣ ΤΗΣ ΚΥΒΕΡΝΗΣΕΩΣ -ΤΕΥΧΟΣ ΠΡΩΤΟ Αρ. Φύλλου 19 - 9 Φεβρουαρίου 2012
HRV	Hrvatska	NN13/09 - Ministarstvo gospodarstva, rada i poduzetništva
HUN	Magyarország	50/2011. (XII. 22.) NGM rendelet a munkahelyek kémiai biztonságáról
LTU	Lietuva	DĖL LIETUVOS HIGIENOS NORMOS HN 23:2007 CHEMINIŲ MEDŽIAGŲ 2007 m. spalio 15 d. Nr. V-827/A1-287
LVA	Latvija	Ķīmisko vielu aroda ekspozīcijas robežvērtības (AER) darba vides gaisā 2012
NLD	Nederland	Databank of the social and Economic Council of Netherlands (SER) Values, AF 2011:18
NOR	Norge	Veiledning om Administrative normer for forurensning i arbeidsatmosfære
POL	Polska	ROZPORZĄDZENIE MINISTRA PRACY I POLITYKI SPOŁECZNEJ z dnia 16 grudnia 2011r
SVK	Slovensko	NARIADENIE VLÁDY Slovenskej republiky z 20. júna 2007
SWE	Sverige	Occupational Exposure Limit Values, AF 2011:18
	TLV-ACGIH	ACGIH 2016

ETHANOL

Threshold Limit Value.

Type	State	TWA/8h mg/m3	ppm	STEL/15min mg/m3	ppm	Critical effects
TLV	BGR	1000				
TLV	CZE	1000		3000		
AGW	DEU	960	500	1920	1000	
MAK	DEU	960	500	1920	1000	
TLV	DNK	1900	1000			
VLA	ESP			1910	1000	
TLV	EST	1000	500	1900	1000	
HTP	FIN	1900	1000	2500	1300	
VLEP	FRA	1900	1000	9500	5000	
WEL	GBR	1920	1000			
TLV	GRC	1900	1000			
GVI	HRV	1900	1000			
AK	HUN	1900		7600		
RD	LTU	1000	500	1900	1000	
RV	LVA	1000				
OEL	NLD	260		1900		SKIN.
TLV	NOR	950	500			
NDS	POL	1900				
NPHV	SVK	960	500	1920		
MAK	SWE	1000	500	1900	1000	
TLV-ACGIH				1884	1000	Upper respiratory tract irritation

Predicted no-effect concentration - PNEC.

Freshwater reference value	0.96	mg/l
Seawater reference value	0.79	mg/l
Freshwater sediment reference value	3.6	mg/kg
Seawater sediment reference value	2.9	mg/kg
Reference value for STP microorganisms	580	mg/l
Reference value for the food chain (secondary poisoning)	0.72	mg/kg
Reference value for the terrestrial compartment	0.63	mg/kg

Health - Derived no-effect level (DNEL/DMEL)

Exposure pathway	Effects on consumers			Effects on workers			Local chronic	Systemic chronic
	Local acute	Systemic acute	Local chronic	Local acute	Systemic acute	Local chronic		
Oral.				87 mg/kg bw/d				
Inhalation.	950 mg/m3			114 mg/m3	1900 mg/m3			950 mg/m3
Percutaneous.				206 mg/kg bw/d				343 mg/kg bw/d

Key:

(C) = CEILING ; INHALAB = Inhalable fraction ; RESPIR = Breathable fraction ; THORAC = Thoracic Fraction.

VND = danger identified but no DNEL/PNECs available ; NEA = no expected exposure ; NPI = no risk identified.

SAMPLING METHODS : http://amcaw.ifa.dguv.de/substance/methoden/063-Ethanol_2016.pdf

8.2. Exposure controls.

Comply with the usual safety measures when handling chemical substances.

HAND PROTECTION

Not required in normal use

SKIN PROTECTION

Not required in normal use

EYE PROTECTION

Not required in normal use

RESPIRATORY PROTECTION

Not required, unless otherwise indicated in the chemical risk assessment.

ENVIRONMENTAL EXPOSURE CONTROLS

Emissions from production processes, including from ventilation equipment, should be controlled with the aim of compliance with environmental protection regulations.

SECTION 9. Physical and chemical properties.

9.1. Information on basic physical and chemical properties.

Appearance	liquid
Colour	Pink/orange
Smell	imperceptible
Odour threshold.	Not available.
pH.	10.5
Melting point/freezing point.	Not available.
Initial boiling point.	Not available.
Boiling range.	Not available.
Flash point.	Not available.
Evaporation rate	Not available.
Solids and gas flammability	Not applicable (the product is liquid)
Lower flammability limit.	Not available.
Upper flammability limit.	Not available.
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure.	Not applicable (the product is a mixture)
Vapour density	Not available.
Relative density.	0.97 g/l at 20°C.
Solubility	complete
Partition coefficient: n-octanol/water	Not applicable (the product is a mixture)
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Explosive properties	Not applicable (absence of chemical groups associated with explosive properties pursuant to the provisions of Annex I, Part 2, chap. 2.1.4.3. of the (EC) Reg. 1272/2008 - CLP).
Oxidizing properties	Not applicable (absence of requirements related to the presence of atoms and/or chemical bonds associated with oxidizing properties in component

molecules, pursuant to the provisions of Annex I, Part 2, 2.13.4 of (EC) Reg. 1272/2008 – CLP).

9.2. Other information.

Information not available.

SECTION 10. Stability and reactivity.

10.1. Reactivity.

There are no particular risks of reaction with other substances under normal use conditions.

10.2. Chemical stability.

The product is stable under normal use and storage conditions.

10.3. Possibility of hazardous reactions.

No hazardous reactions are predicted under normal use and storage conditions.

10.4. Conditions to avoid.

None in particular. Nonetheless, always adhere to the usual precautions required with chemical products.

10.5. Incompatible materials.

Information not available.

10.6. Hazardous decomposition products.

Information not available.

SECTION 11. Toxicological information.

11.1. Information on toxicological effects.

No episodes of damage to health ascribable to exposure to the product are known. Nevertheless, compliance with good industrial hygiene practices is recommended.

Acute toxicity

On the basis of available data and in view of the classification criteria of Annex I, Part 3 of (EC) Reg. 1272/2008 as amended, the product is not classified for this hazard class.

Skin corrosion/irritation

On the basis of available data and in view of the classification criteria set forth in table 3.2.3 of Annex I of (EC) Reg. 1272/2008 as amended, the product is not classified for this hazard class.

Serious eye damage/irritation

On the basis of available data and in view of the classification criteria set forth in table 3.3.3 of Annex I of (EC) Reg. 1272/2008 as amended, the product is not classified for this hazard class.

Respiratory/skin sensitisation

On the basis of available data and in view of the classification criteria of Annex I, Part 3 of (EC) Reg. 1272/2008 as amended, the product is not classified for this hazard class.

Germ cell mutagenicity

On the basis of available data and in view of the classification criteria of Annex I, Part 3 of (EC) Reg. 1272/2008 as amended, the product is not classified for this hazard class.

Carcinogenicity

On the basis of available data and in view of the classification criteria of Annex I, Part 3 of (EC) Reg. 1272/2008 as amended, the product is not classified for this hazard class.

Reproductive toxicity

On the basis of available data and in view of the classification criteria of Annex I, Part 3 of (EC) Reg. 1272/2008 as amended, the product is not classified for this hazard class.

STOT-single exposure

On the basis of available data and in view of the classification criteria of Annex I, Part 3 of (EC) Reg. 1272/2008 as amended, the product is not classified for this hazard class.

STOT-repeated exposure

On the basis of available data and in view of the classification criteria of Annex I, Part 3 of (EC) Reg. 1272/2008 as amended, the product is not classified for this hazard class.

Aspiration hazard.

On the basis of available data and in view of the classification criteria of Annex I, Part 3 of (EC) Reg. 1272/2008 as amended, the product is not classified for this hazard class.

SECTION 12. Ecological information.**12.1. Toxicity.**

Use according to good working practices. Do not dispose of in the environment. Inform the competent authorities in the event the product reaches waterways or it contaminates soil or vegetation. Based on the assessment of the component classification and classification provisions as per Annex I, Part 4 of (EC) reg. 1272/2008 as amended, the mixture is not classified as hazardous for the environment;

12.2. Persistence and degradability

Information not available.

12.3. Bioaccumulative potential

Information not available.

12.4. Mobility in soil.

Information not available.

12.5. Results of PBT and vPvB assessment.

According to the available data, the product does not contain PBT or vPvB substances in percentage higher than 0.1%.

12.6. Other adverse effects.

Information not available.

SECTION 13. Disposal considerations.**13.1. Waste treatment methods.**

Re-use, if possible. The product residues are considered special non-hazardous waste.

Disposal must be performed by an authorised waste disposal company, in compliance with national and local laws.

CONTAMINATED PACKAGES

Contaminated packages must be recovered or disposed of in compliance with national waste management regulations.

SECTION 14. Transport information.

The product must not be considered hazardous pursuant to the applicable provisions on the transport of dangerous goods by road (ADR), by rail (RID), by sea (IMDG Code) or by air (IATA).

14.1 UN 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.

Not applicable.

14.6. Special precautions for users.

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code.

Irrelevant information.

SECTION 15. Regulatory information.**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture.**

Seveso Category - Directive 2012/18/EC: not applicable

Restrictions relating to the product or substances contained according to Annex XVII EC Regulation 1907/2006.

None.

Substances in Candidate List (Art. 59 REACH).

According to the available data, the product does not contain SVHC substances in percentage higher than 0.1%.

Substances subject to authorisation (Annex XIV - REACH).

None.

Substances subject to export notification EC Reg. 649/2012:

None.

Substances Under the Rotterdam Convention:

None.

Substances Under the Stockholm Convention:

None.

Health Checks.

Information not available.

Classification for water pollution in Germany (VwVwS 2005).

WGK 1: Slightly hazardous for water

Detergents Regulation 648/2004: the product is included in the scope of application of the Detergents Regulation

15.2. Chemical safety assessment.

No chemical safety assessment for the mixture and for the substances it contains has been processed.

SECTION 16. Other information.

KEY:

- ADR: European agreement concerning the carriage of dangerous goods by road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Concentration that produces an effect on 50% of the tested population
- EC NUMBER: ESIS (Existing Substances Information System) Identification Number
- CLP: EC Regulation No.1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonised System of classification and labelling of chemicals
- IATA DGR: Regulations for transportation of dangerous goods by the International Air Transport Association
- IC50: Inhibitory Concentration of 50% of the tested population
- IMDG: International maritime code on transportation of dangerous goods
- IMO: International Maritime Organisation
- INDEX NUMBER: Identification number in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal Dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent Bioaccumulative and Toxic according to REACH
- PEC: Predicted Environmental Concentration
- PEL: Predicted Exposure Level
- PNEC: Predicted No Effect Concentration
- REACH: EC Regulation No.1907/2006
- RID: Regulations for the international carriage of dangerous goods by rail
- TLV: Threshold limit value
- TLV CEILING: Concentration that should not be exceeded at any time during occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic compound
- vPvB: Very persistent and very bioaccumulative according to REACH Regulation
- WGK: German water hazard class.

GENERAL BIBLIOGRAPHY:

1. Regulation (EC) 1907/2006 of the European Parliament (REACH)
2. Regulation (EC) 1272/2008 of the European Parliament (CLP)
3. Regulation (EC) 790/2009 of the European Parliament (I Atp. CLP)
4. Regulation (EC) 2015/830 of the European Parliament

PAEU0177; PAEU0243; PAEU0244; HPMED

- 5. Regulation (EC) 286/2011 of the European Parliament (II Atp. CLP)
- 6. Regulation (EC) 618/2012 of the European Parliament (III Atp. CLP)
- 7. Regulation (EC) 487/2013 of the European Parliament (IV Atp. CLP)
- 8. Regulation (EC) 944/2013 of the European Parliament (V Atp. CLP)
- 9. Regulation (EC) 605/2014 of the European Parliament (VI Atp. CLP)
- The Merck Index. - 10th Edition
- Handling Chemical Safety
- INRS - Fiche Toxicologique (toxicological sheet)
- Patty - Industrial Hygiene and Toxicology
- N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
- ECHA Agency website

Note for the user:

The information contained in this data sheet is based on the knowledge available to us when the latest version was issued. Users must make sure the information is suitable and exhaustive in relation to the specific use of the product.

This document must not be construed as a guarantee of any specific property of the product.

As the use of this product is not subject to our direct control, users must comply, under their own responsibility, with current health and safety laws and provisions. We accept no liability for misuse.

Provide suitable information to the personnel in charge of using chemicals.