

1. Identification of the substance/preparation and company

Trade name

CLEANPRESS

Use of the substance/preparation.

Industry sector :

Ironing industry

Identification of the company

Ironer Care Products bvba

Ottergemsesteenweg Zuid, 702

9000 Gent - Belgium

Telephone no. : +32 9 220 15 11

Information about the substance/preparation

Product Safety, +32 9 220 15 11

Emergency telephone number : +32 9 220 15 11

2. Hazards identification

Hazards description: Not applicable

Special hazards information for humans and environment:

Product can cause burnings at high temperatures

3. Composition/information on ingredients

Chemical characterization:

Emulsion of blends of Polyolefin in water.

Additional advice:

The product is not classified as hazardous substance in the sense of the Hazardous Substances Act/EC Regulations.

4. First aid measures

General information

Remove contaminated clothing immediately and dispose it safely.

In case of inhalation

In the event of symptoms refer for medical treatment.

In case of skin contact

After contact with product, wash with water and soap.

Seek medical treatment immediately if sign of irritation occurs.

In case of eye contact

In case of eye contact with product rinse eyes thoroughly with much water and seek medical advice.

In case of ingestion

Do not induce vomiting.

Call for a doctor immediately.

Damages only possible with liquid (hot) product; identical measures as with burnings.

Treatment (advice to doctor)

5. Fire fighting measures

Suitable Extinguishing media : Dry Chemical, Carbon-dioxide, waterfog, foam, sand/earth.

! Extinguishing media which must not be used for safety reasons: full water jet

! Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases

In fires, hazardous combustion gases are formed:

Nitrogen oxides (Nox)

Carbon monoxide (CO)

Sulphur dioxide (SO₂)

Special protective equipment for fire-fighters

Use breathing apparatus with independent air supply (isolated).

Additional information

Cool endangered containers with water spray jet.

Fire residues and contaminated fire fighting water must be disposed of in accordance with the local regulations.

6. Accidental release measures

Personal precautions

Avoid skin contact with hot leaking liquid.

Use breathing apparatus if exposed to vapours/dust/aerosol.

High risk of slipping due to leakage/spillage of product.

Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

Shut off leak, dike up spills.

Methods for cleaning up

Danger of slipping in case of leaking product.

Remove mechanically after solidification.

After taking up the material dispose according to regulations.

7. Handling and storage

Advice on safe handling

Avoid formation of oil dust.

Take measures against electrostatically charging.

Usual protective measures for handling of hot liquids have to be observed.

Advice on protection against fire and explosion

Pay attention to general rules of internal fire prevention.

Requirements for storage rooms and vessels

Store in original packaging on a cool and dry place and away from light for quality reasons.

Advice on storage compatibility

Do not store together with oxidizing agents.

Product has a shelf life of 1 year when stored in closed original container at temperatures up to 40°C.

Further information on storage conditions

Storage group: 11

Fire class: B

Protect from extreme heat and cold.

Keep container dry and tightly closed.

8. Exposure controls/personal protection

Additional advice on system design

Earthing of all containers to be provided, eliminate ignition sources.

Additional advice

Product does not contain substances whose limit values have been observed according the working place rules.

USA (ACGIH recommended) : TLV value for wax mist: 5 mg/m³

Respiratory protection

Use safety gloves of following materials: NBR (nitrile) / neopren/viton (permeationsleve 5-6), cat II according to norm

EN 388 – heat resistant gloves if necessary

Eye protection

safety goggles in case of risk

Skin protection

heat-resistant protective clothing if necessary

General protective measures

Do not inhale vapors when heated or sprayed

Avoid contact of molten material with skin.

Hygiene measures

Clean skin thoroughly after working.

Cloths contaminated with product should not be kept in trouser pockets.

At work do not eat, drink, smoke or take drugs.

Remove soiled or soaked clothing immediately.

Work in rooms with good ventilation.

9. Physical and chemical properties

Form :	Viscous.	
Colour :	White	
Odour :	None	
Flash point :	> 170 °C	Method : DIN/ISO 2592 (open cup)
Boiling Point:	ca. 100 °C	
Density :	ca. 0.9 g/cm ³ (23 °C)	Method : DIN 51757
Solubility in water :	not soluble.	

pH value : approx. 7 (20 °C, 10 g/l)
Viscosity (Brookfield): ca.10.000 à 50.000 mPa.s Method : DIN 53015

10. Stability and reactivity

Conditions to avoid

No hazardous reactions known.

Materials to avoid

Reactions with strong oxidising agents.

Hazardous decomposition products

In case of incomplete combustion: Formation of hazardous gases, see point 5.
Stable with adjacent temperature.

11. Toxicological information

Acute Toxicity/Irritability/Sensitization

LD 50 acute oral >5000 mg/kg rat (male/female)

LD 50 acute dermal >3000 mg/kg rabbit

Irritability skin non-irritant

Irritability eye non-irritant

Skin sensitization non-sensitizing

Sensitization respiratory system non-sensitizing

Experiences made from practice:

In the USA all ingredients are classified as "generally regarded as safe" (GRAS)

12. Ecological information

Data on elimination (persistence and degradability)

Physico-chemical degradability Potential biodegradable

Degradability according to WRMG The product is slightly soluble in water. It can be largely eliminated from the water abiotic processes, e.g. mechanical separation.

Behaviour in sewage plant Mechanical separation in sewerage plant

General regulation Do not allow uncontrolled leakage of product into the environment.

13. Disposal considerations

Waste code No. 12 01 12*
Name of waste spent waxes and fats

Wastes marked with an asterisk are considered to be hazardous waste pursuant to Directive 91/689/EEC on hazardous Waste.

Recommendations for the product

The disposal code is just a recommendation. Contact your local experts to obtain information about use or disposal of the material involved.

The indication about disposal refers to the product and its residues. If the product is mixed with other materials or preparations an individual evaluation should be necessary.

Recommendations for packaging:

Contaminated packaging should be emptied as far as possible and after appropriate cleaning may be taken for reuse. Uncontaminated packaging may be taken for recycling.

14. Transport information

Land and inland navigation transport ADR/RID

No hazardous material as defined by the prescriptions.

Marine transport IMDG

No hazardous material as defined by the prescriptions.

Air transport ICAO/IATA-DGR

No hazardous material as defined by the prescriptions

15. Regulatory information

Remarks for classification

According to EC/GHS-regulations this product is not classified or labelled.

Chemical Inventory

Europe: This product is on the EINECS inventory.

National regulations

Decree for case of interference/remarks

Accident regulation, appendix I: not specified

Technical instruction air remarks

5.2.5 Organic substances

Water hazard class

1

16. Other information

Further information

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind, express or implied, and we assume no responsibility for any loss, damage, or expense, direct or consequential, arising out of their use.