

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

1.1 Product identifier

Product name Herôme Direct Desinfect Handgel
Type product Gel

1.2 Identified uses/uses advised against

Identified uses care Cosmetic Care

1.3 Information about the producer or the supplier

Firm Herôme cosmetics BV
Address De Paal 18
Almere
1351JC
Nederland
Telephone number 036 521 0130
Fax 036 521 0131
E-mail address info@herome.nl

2. Composition and information on ingredients
2.1 Substances

Product-/ ingredientname	Identification	Classification	
		Directive 67/548/EEG	Regulation (EG) no. 1272/2008 (CLP)
- Ethanol	EG nr 200-578-6 CAS nr 64-17-5	F; R11	H225
- Isopropylalcohol	EG nr 200-661-7 CAS nr 67-63-0	F, R11 Xi, R36, R67	H225, H319, H336
- Aqua	EG nr 231-791-2 CAS nr 7732-18-5		
- Glycerin	EG nr 200-289-5 CAS nr 56-81-5		
- Carbomer	CAS nr: 9003-01-4		
- Amino methyl propanol	EG nr 204-709-8 CAS nr 124-68-5		
- Disodium EDTA	EG nr 205-358-3 CAS nr 139-33-3	H319	P102 P305+P351+P338
- Parfum			
- Amyl Cinnamal	CAS nr 122-40-7		
- Benzyl Alcohol	CAS nr 100-51-6		
- Benzyl Benzoate	CAS nr 120-51-4		
- Benzyl Salicylate	CAS nr 118-58-1		
- Citronellol	CAS nr 106-22-9		
- Coumarin	EG nr 202-086-7 CAS nr 91-64-5		
- Eugenol	CAS nr 97-53-0		
- Geraniol	CAS nr 106-24-1		
- Hexyl Cinnamal	EG nr 202-983-3 CAS nr 101-86-0		
- Hydroxycitronellal	CAS 107-75-5		
- Hydroxyisohexyl 3-Cyclohexene Carboxaldehyde	CAS nr 31906-04-4		
- Isoeugenol	CAS nr 97-54-1		
- Butylphenyl Methylpropional	CAS nr 80-54-6		
- Linalool	CAS nr 78-70-6		
- Alpha-isomethyl Ionone	CAS nr 127-51-5		
- CI 42090	CAS nr 3844-45-9		

For the full text of P-Statements mentioned in this section, see section 15

For the full text of the H-Statements mentioned in this section, see section 15

3. Hazard identification

Product-/ Ingredient name	Identification	Classification	
		Directive 67/548/EEG	Regulation (EG) no. 1272/2008 (CLP)
- Ethanol	EG nr 200-578-6 CAS nr 64-17-5	F; R11	H225
- Isopropylalcohol	EG nr 200-661-7 CAS nr 67-63-0	F, R11 Xi, R36, R67	H225, H319, H336
- Disodium EDTA	EG nr 205-358-3 CAS nr 139-33-3	H319	P102 P305+P351+P338

- No dangerous substance or preparation according to the directive of dangerous material regulation respectively to the EU guidelines 67/548/EEC or 1999/45/EC.

4. First aid measures

4.1 Description of first aid measures

4.1.1 After inhalation

- Remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Get medical attention.

4.1.2 After eye contact

- Immediately wash the eyes with plenty water for at least 20 minutes holding the eye open. Obtain medical attention urgently.

4.1.3 In case of skin contact

- Remove contaminated clothing and wash before reuse. Flush with plenty of water.

4.1.4 After ingestion

- mouth rinse (do not induce vomiting); in case of complaints consult a doctor

4.2 Most important symptoms and effects, both acute and delayed

4.2.1 Inhalation

- The substance can give cough, headache, dizziness and drowsiness

4.2.2 Eye contact

- The substance may cause redness and pain.

4.2.3 Skin contact

- Can cause skin irritation.

4.2.4 Ingestion

- In high concentrations or ingestion the product may give rise to excitement or narcosis.

5. Fire-fighting measures

5.1 Extinguishing media

5.1.1.1 Suitable extinguishing media

- Foam, Carbon dioxide or dry chemical.

5.1.1.2 Unsuitable extinguishing media

- Water.

5.2 Special hazards arising from the substance or mixture

- None

5.3 Special protective equipment for fire-fighters or further information

Full protective equipment, including self-contained breathing apparatus.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Ventilate area
- Remove all sources of ignition and do not generate flames or sparks.

6.2 Environmental precautions

- Avoid release to the environment

6.3 Methods and materials for containment and cleaning up

- Absorb the product
- Remove sources of ignition.

7. Handling and storage

7.1 Precautions for safe handling

- Keep away from heat and ignition.
- Ventilate area

7.2 Condition for safe storage, including any incompatibilities

7.2.1 Storage

- Cool, dry conditions in well-sealed receptacles.
- Protect from heat and direct sunlight
- Well-ventilated area
- Keep separated from oxidizing agents

7.2.2 Packaging

- Suitable material: Store in original container.

7.3 Specific end uses

- No other specific uses are stipulated.

8. Exposure controls / personal protection

8.1 Control parameters

8.1.1	<u>Exposure limit</u>	Ethanol
	Limit (NL) TGG 8 hour	260 mg/m ³
	Limit (NL) TGG 15 min	1900 mg/m ³

8.2 Exposure controls.

8.2.1 Engineering measures

- At risk of emissions Provide local ventilation suitable
- Ensure that exposure below the exposure limit remains

8.2.2 Individual protection measures

Protection of the respiratory organs.

- Properly fitted respirator (NIOSH/MSHA approved)

Protection of hands

- None

Eye protection

- Splash proof chemical goggles.

Protection of the skin and the body

- Lab coat, impervious clothing and boots should be worn. Eye bath and safety shower should be provided.

Hygiene measures

- Do not eat, drink or smoke during use.

8.2.3 Control of environmental exposure.

- Local and national regulations for aqueous emissions.

9. Physical and chemical properties

9.1 Physical and chemical properties

9.1.1 Information on basic physical and chemical properties.

Form	Liquid
Colour	Clear bleu
Odour	Specific

9.1.2 Important information relating to health, safety and environment.

pH	±7
Melting point / -range	< - 83°C
Boiling point / -range	91 – 96°C of 1013 mbar
Flash point	24°C
Evaporation rate	No information available
Flammability (solid, gas)	Highly flammable
Explosion limits	3.3 – 19 % ethanol in air
Vapour pressure	No information available
Density	0,87 g/ml of 20°C
Solubility	Miscible in all proportions
Auto ignition temperature	No information available
Log P (o/w)	-0.32 (Data main constituent)

10. Stability and reactivity

10.1 Chemical stability.

- This product is stable under standard ambient conditions (room temperature).

10.2 Possibility of hazardous reactions.

- No dangerous reactions known

10.3 Conditions to avoid.

- Keep away from heat and ignition sources.
- Avoid contact with oxidizing agents

10.4 Hazardous decomposition products

- In Fire may carbon dioxide (CO among others) and fumes

11. Toxicological information

11.1 Information about toxicological information

Acute oral toxicity

- LD50, rat, 6200 – 17.800 mg/kg

Acute dermal toxicity

- LD50, rabbit, >20.000 mg/kg

Acute toxicity by inhalation

- LC50, rat, >8000 mg/l/4 hour.

Irritation

- Skin irritation: Minor irritation
- Eye irritation: Can cause irritation

Sensitization

- No sensitizing for the skin

11.2 Chronic toxicity (data main component)

- with excessive oral use of ethanol can cause liver damage.
- there is no convincing evidence of chronic effects.

12. Ecological information

12.1 Eco toxicity

Acute toxicity

- Fish, *Leuciscus Idus*, LC50, 48 h, 8140 mg/l
- Crustaceans, *Daphnia Manga*, EC50, 48 h, >9000 mg/l

12.2 Persistence and degradability

Biodegradability

- The product is readily biodegradable
- BOD5: 1.55 g O₂/g = 74% of the theoretical oxygen consumed.

12.3 Bio accumulative potential

- Log Pow < 3
result: not bio accumulative effects

12.4 Mobility

- Substantial solubility and mobility

12.5 Other adverse effects

- No information available

13. Disposal considerations

13.1 Method for disposal

- Dispose in accordance with local and national regulations.
- Must be incinerated in a suitable incineration plant holding a license issued by the competent authorities

13.2 Contaminated packaging

- Delete unused product
- Where possible recycling is preferred to disposal or incineration

14. Transport information

14.1. UN - Number 1170

14.2. Hazard class / Packing group

- Air transport

ICAO / IATA - class	3
Packing group	II
Proper shipping name	Ethanol Solution (Ethyl Alcohol Solution)

- Transport by ship

IMDG - class	3
Packing group	II
Label	3
EMS - number	F-E, S-D
Proper shipping name	Ethanol Solution (Ethyl Alcohol Solution)

- Land transport

Class	3 (F1)
Packing group	II
ADR / RID - Labels	3
HI / UN No.	1170
Proper shipping name	Ethanol Solution (Ethyl Alcohol Solution)

15. Regulatory Information

The full text of P-phrases referred to under section 2 refers.

P260	- Breathe the following substances is not dust / fume / gas / mist / vapors / spray
P262	- Contact with eyes, skin or clothing
P280	- Wear protective gloves / clothes / eye protection / face protection
P305+P351+P338	- On contact with eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if possible. Continue rinsing.
P301+310	- After swallowing: Immediately call a poison control center or doctor

The full text of H-phrases referred to under section 2 refers.

H225	- Highly Flammable Liquid and Vapour
H332	- Harmful by inhalation
H312	- Harmful in contact with skin
H315	- Causes skin irritation
H319	- Causes severe eye irritation.

16. Other information

This safety data sheet is only intended for the indicated country where it applies. The European format of the safety data sheet, in line with European legislation, is not intended for use or distribution in countries outside the European Union with the exception of Norway and Switzerland.

The above product information is based on our current knowledge and is not exhaustive. The information relates to the product as described in the specifications. If the product is combined or mixed with other substances, one needs to convince that no new risks entails. The user must comply with the legal provisions regarding this product, hygiene and safety at work.