

THYME HYDROSOL (COSMETIC GRADE)

PRODUCT CODE: GF1030

Issue Date: 03 Jun 2026 Revision: 1.0

1. IDENTIFICATION

Product Name	Thyme Hydrosol (Cosmetic Grade)
Recommended Use	Cosmetic raw material — floral hydrosol for skincare and aromatherapy formulations.
Use restrictions	For professional / industrial cosmetic formulation only. Not for direct consumer retail sale.
Manufacturer / Supplier	Gattefossé Aromatherapy
Email	gattefossesoffice@gmail.com
Website	www.gattefossé.tw

2. HAZARDS IDENTIFICATION

GHS Classification	Not classified as a hazardous substance or mixture under GHS.
Signal word	None
Hazard statements	None
Precautionary statements	P264 — Wash hands thoroughly after handling. P305+P351+P338 — IF IN EYES: Rinse cautiously with water for several minutes.
Other hazards	None known.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical / INCI Name	CAS number
Thymus Vulgaris (Thyme) Flower / Leaf Water	84929-51-1
Sodium Benzoate	532-32-1
Potassium Sorbate	24634-61-5

4. FIRST-AID MEASURES

Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If irritation persists, seek medical advice.
Skin contact	Wash with plenty of soap and water. If irritation persists, seek medical advice.
Inhalation	Move to fresh air. If symptoms persist, seek medical advice. (Inhalation exposure unlikely from a water-soluble liquid.)
Ingestion	Rinse mouth with water. Do NOT induce vomiting. Seek medical advice if a large amount is ingested.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	Water spray, foam, dry chemical, CO2.
Unsuitable media	None known.
Specific hazards	None — the product is non-flammable (water-soluble, glycerin/water-based).

Protective equipment for firefighters Standard structural firefighting PPE, including SCBA where smoke is present.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Avoid contact with eyes. Wear gloves and eye protection if handling spilled material in volume.
Environmental precautions	Prevent runoff into drains, surface water, or groundwater.
Containment & cleanup	Absorb spills with inert material (sand, vermiculite) and place in a suitable closed container for disposal. Wash residues with water.

7. HANDLING & STORAGE

Handling	Use general industrial hygiene. Avoid contact with eyes. Wash hands after handling.
Storage	Store in a tightly closed original container, in a cool dry place, away from direct sunlight. Recommended storage temperature: 15-25°C. Once opened, use within the labelled shelf life.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits	No occupational exposure limits established for any constituent at the use levels in this product.
Engineering controls	General ventilation is sufficient.
Eye/face PPE	Safety glasses with side shields when handling open containers.
Skin PPE	Standard cosmetic manufacturing gloves (nitrile or latex).
Respiratory PPE	Not required under normal handling.

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance	Clear, colorless to slightly cloudy liquid with characteristic thyme aroma
Solubility — Water	Soluble
Solubility — 50% Alcohol	Soluble
Oil Solubility	Insoluble pH (1% w/w) 4.5 – 7.0
Specific Gravity (25°C)	0.98 – 1.02
Refractive Index	1.300 – 1.350
Flash Point (°C)	> 200
Lead (Pb)	Not Detected
Cadmium (Cd)	Not Detected
Copper (Cu)	Not Detected
Arsenic (As)	Not Detected
Mercury (Hg)	Not Detected
Flash point	Not applicable (non-flammable, aqueous)
Autoignition temperature	Not applicable
Boiling point	~100°C (water-based)
Note	The values listed above are product specifications. Actual values may vary slightly batch-to-batch within the specified ranges. Refer to the Certificate of Analysis (COA) for the lot-specific results.

10. STABILITY & REACTIVITY

Reactivity	Stable under normal conditions.
Chemical stability	Stable for the labelled shelf life when stored as recommended.
Hazardous reactions	None known.
Conditions to avoid	Direct sunlight, freezing, temperatures above 40°C.
Incompatible materials	Strong oxidizers, strong acids/bases.
Hazardous decomposition products	None expected under normal use.

11. TOXICOLOGICAL INFORMATION

Acute toxicity	Not classified. The product has not been tested as a finished mixture; classifications below are based on individual ingredients.
Skin corrosion / irritation	Not classified (cosmetic-grade water-soluble extract intended for topical use after dilution).
Serious eye damage / eye irritation	May cause mild transient irritation if introduced into the eye. Not classified as a category 1/2 eye hazard.
Skin sensitization	Not classified. Carcinogenicity / Mutagenicity / Reproductive toxicity: None of the constituents are listed as carcinogens, mutagens, or reproductive toxicants by IARC, NTP, OSHA, or EU CLP.
Specific target organ toxicity	Not classified.

12. ECOLOGICAL INFORMATION

Ecotoxicity	No data on the finished mixture. Individual constituents (glycerine, water, botanical extracts, food-grade preservatives) are biodegradable and not classified as environmentally hazardous.
Persistence and degradability	Readily biodegradable.
Bioaccumulative potential	Low.
Mobility in soil	Highly soluble in water; moves with water flow.

13. DISPOSAL CONSIDERATIONS

Product disposal	Dispose of in accordance with local regulations. The product is non-hazardous; small quantities may be flushed to drain with plenty of water (subject to local utility rules). Larger quantities should go to a licensed waste handler.
Container disposal	Empty containers may be recycled or disposed of as non-hazardous solid waste, per local regulations.

14. TRANSPORT INFORMATION

UN Number	Not assigned. Not regulated as a dangerous good.
UN Proper Shipping Name	Not applicable.
Transport hazard class	Not applicable.
Packing group	Not applicable.
Marine pollutant	No.

Special precautions None.

15. REGULATORY INFORMATION

TSCA (US)	All ingredients are listed on the TSCA inventory or are exempt as natural substances.
DSL (Canada)	All ingredients are listed on the DSL or are exempt as natural substances.
EINECS / ECHA (EU)	All ingredients are listed in the European Inventory or covered by NLP.
California Proposition 65	This product is not known to contain any chemical listed under California Prop 65 at reportable levels.
Cosmetic Regulation (EU 1223/2009)	Ingredients are CosIng-listed; this product is intended as a cosmetic raw material for downstream formulation and labelling per local cosmetic regulations.

16. OTHER INFORMATION

Issue Date	03 Jun 2026
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Prepared by	Gattefossé Aromatherapy
Disclaimer	The information in this Safety Data Sheet is believed to be accurate as of the issue date and is offered in good faith. It is the responsibility of the user to determine the suitability of the information for their specific use. Gattefossé Aromatherapy makes no warranty, express or implied, regarding the accuracy or completeness of this data and assumes no liability for any reliance placed on it.