

Review date: 21/02/2013

Printing date: 21/02/2013

## 01 Identification of the substance/mixture and of the company/undertaking

### • 1.1 Product identifier

- Trade name:  
SUPPOCIRE / LIPOCIRE / EUTECTOL / JAPOCIRE
- Article number:  
HARDFAT
- CAS Number:  
85665-33-4
- EINECS Number:  
288-123-8
- Registration number (REACH (EC) n° 1907/2006)  
EXEMPTED (ANNEX IV)
- Description:  
Glycerides, C10-18; Triglycerides C10-C18
- INCI (PCPC):  
C10-18 Triglycerides
- 1.2 Relevant identified uses of the substance or mixture and uses advised against  
Uses of the substance/mixture:  
Ingredient (raw material) for cosmetic or pharmaceutical uses.  
For additional information on the fields of use of this product,  
please contact us.

### • 1.3 Details of the supplier of the safety data sheet

- Manufacturer/Supplier:  
\* Gattefossé SAS  
\* 36, chemin de Genas  
\* CS 70070  
\* 69804 Saint Priest cédex  
\* Tel: (33) 04.72.22.98.00  
\* Fax: (33) 04.78.90.45.67
- Further information obtainable from:  
Gattefossé SAS - Regulatory Department  
regulatory@gattefosse.com
- 1.4 Emergency telephone number:  
FRANCE: + 33 (0)1 45 42 59 59 (ORFILA / INRS)  
For other EU countries, please consult:  
[http://echa.europa.eu/help/nationalhelp\\_contact\\_en.asp](http://echa.europa.eu/help/nationalhelp_contact_en.asp)  
CHINE: GATTEFOSSE CHINA TRADING CO., LTD.  
Tel: +86 021-58958010 / Fax: +86 021-58958015.

## 02 Hazards identification

- 2.1 Classification of the substance or mixture
- Classification according to Regulation (EC) No 1272/2008  
Void

(continued on page 2)

Review date: 21/02/2013  
Printing date: 21/02/2013

PRODUCT : SUPPOCIRE / LIPOCIRE / EUTECTOL / JAPOCIRE

*(continued of page 1)*

The product is not classified as hazardous to health or environment according to the CLP regulation.

- Classification according to Directive 67/548/EEC or Directive 1999/45/EC  
Not applicable.
- Information concerning particular hazards for human and environment:  
Not applicable.
- 2.2 Label elements
- Labelling according to Regulation (EC) No 1272/2008  
Void
- Signal word  
Void
- Hazard statements  
Void
- **GHS label elements**  
Void
- **US NFPA 704 (National Fire Protection Association) Hazard Rating System**
- Health hazard:  
Rating 0: Normal material.
- Flammability:  
Rating 0: Will no burn.
- Reactivity:  
Rating 0: Stable.
- Other hazard information:  
None.
- **2.3 Other hazards**
- Results of PBT and vPvB assessment
- PBT:  
Not applicable.
- vPvB:  
Not applicable.

### 03 Composition/information on ingredients

- **3.1 Chemical characterization:**
- |                |                    |
|----------------|--------------------|
| <b>CAS No.</b> | <b>Description</b> |
| 85665-33-4     | Glycerides, C10-18 |
- Identification number(s)
- EC number:  
288-123-8

### 04 First aid measures

- 4.1 Description of first aid measures  
-
- **General information:**  
No special measures required.
- **After inhalation:**  
Supply fresh air ; consult doctor in case of complaint.
- **After skin contact:**  
Wash with water and soap and rinse thoroughly.  
If skin irritation continues, consult a doctor.

*(continued on page 3)*

Review date: 21/02/2013  
Printing date: 21/02/2013

PRODUCT : SUPPOCIRE / LIPOCIRE / EUTECTOL / JAPOCIRE

(continued of page 2)

- **After eye contact:**  
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:**  
Seek immediate medical advice.
- **Information for doctor:**  
No further relevant information available.
- 4.2 Most important symptoms and effects, both acute and delayed  
No further relevant information available.
- 4.3 Indication of any immediate medical attention and special treatment needed  
No further relevant information available.

## 05 Firefighting measures

- **5.1 Extinguishing media**
- **5.1 Suitable extinguishing agents:**  
CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **5.2 Special hazards arising from the substance or mixture**  
No further relevant information available.
- **5.3 Advice for firefighters**  
No special measures required.
- Protective equipment:  
No special measures required.

## 06 Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**  
Wear protective clothing.  
Particular danger of slipping on leaked/spilled product.
- **6.2 Environmental precautions:**  
Do not allow product to reach sewage system or any water course.
- **6.3 Methods and material for containment and cleaning up:**  
Pick up mechanically.  
Ensure adequate ventilation.

## 07 Handling and storage

- **Handling:**
- 7.1 Precautions for safe handling  
No special measures required.
- Information about fire - and explosion protection:  
Keep ignition sources away - Do not smoke.  
No special measures required.
- 7.2 Conditions for safe storage, including any incompatibilities  
No special requirements.
- **Storage:**
- Requirements to be met by storerooms and receptacles:  
No special requirements.
- Information about storage in one common storage facility:  
Not required.
- Further information about storage conditions:
- **7.3 Specific end use(s)**  
No further relevant information available.

Review date: 21/02/2013  
Printing date: 21/02/2013

PRODUCT : SUPPOCIRE / LIPOCIRE / EUTECTOL / JAPOCIRE

(continued of page 3)

## 08 Exposure controls/personal protection

- 8.1 Control parameters
- **Ingredients with limit values that require monitoring at the workplace:**  
Not required.
- Additional information:  
The lists valid during the making were used as basis.
- 8.2 Exposure controls
- **Personal protective equipment:**
- General protective and hygienic measures:  
The usual precautionary measures are to be adhered to when handling chemicals.
- Respiratory protection: Not necessary if room is well-ventilated.
- Protection of hands: Protective gloves
- Material of gloves
- Eye protection: Safety glasses
- Body protection: Protective work clothing

## 09 PHYSICAL AND CHEMICAL PROPERTIES

### Appearance :

<b>Form:</b>	Solid
<b>Colour:</b>	Whitish
<b>Odour:</b>	Characteristic
<b>Boiling point/Boiling range:</b>	> 250,0 °C
<b>Flash point:</b>	> 200,0 °C
<b>Flammability (solid, gaseous):</b>	Not applicable.
<b>Ignition temperature (auto-ignition):</b>	> 300,00 °C
<b>Danger of explosion:</b>	Product does not present an explosion hazard.
<b>Vapour pressure:</b>	Very low.
<b>Solubility in / Miscibility with water:</b>	Insoluble.

## 10 Stability and reactivity

- 10.1 Reactivity  
Stable.
- 10.2 Chemical stability  
Stable.
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.
- 10.3 Possibility of hazardous reactions  
No dangerous reactions known.
- 10.4 Conditions to avoid  
No further relevant information available.
- **10.5 Incompatible materials:**  
No further relevant information available.
- **10.6 Hazardous decomposition products:**  
Carbon monoxide and carbon dioxide

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(continued on page 5)

Review date: 21/02/2013  
Printing date: 21/02/2013

PRODUCT : SUPPOCIRE / LIPOCIRE / EUTECTOL / JAPOCIRE

(continued of page 4)

## 11 Toxicological information

### 11.1 Summary :

A summary of the evaluation is presented here after.

- **Acute toxicity:**

- LD/LC50 values relevant for classification:

**85665-33-4                      Glycerides, C10-18**

Oral, LD50: > 2001 mg/kg (rat)

Oral, LD0: > 20000 mg/kg (rat)

- Primary irritant effect:

- on the skin:

No irritant effect.

Not classified (Regulation CLP (EC) No 1272/2008).

- on the eye:

No irritating effect.

Not classified (Regulation CLP (EC) No 1272/2008).

- Sensitization:

No sensitizing effects known.

Not classified (Regulation CLP (EC) No 1272/2008).

- **Subacute to chronic toxicity:**

Not classified (Regulation CLP (EC) No 1272/2008).

- **Additional toxicological information:**

The substance is not subject to classification according to the latest version of the EU lists.

### Toxicological information about product :

The toxicity assessment of our product is based on a read-across approach (structurally related substances). Health effects of our product are predicted from data on similar substances.

Only the studies important for the product classification are listed here after. Contact us for the complete list of studies.

- Primary cutaneous and corrosive irritation :

- Species :

Rabbit

- Concentration :

Pure

- Result :

Non irritant.

- Reference :

Gattefossé data

- Product tested : SUPPOCIRE grade NA10

- Other studies : Study 2: Non irritant (SUPPOCIRE grade CM / rabbit / pure).

- Ocular irritation and reversibility :

- Species :

Rabbit

- Concentration :

Pure

- Result :

Slightly irritant.

- Reference :

Gattefossé data

- Product tested : SUPPOCIRE grade NA10

- Other studies : Study 2: Slightly irritant (SUPPOCIRE grade CM / rabbit / pure).

(continued on page 6)

Review date: 21/02/2013  
Printing date: 21/02/2013

PRODUCT : SUPPOCIRE / LIPOCIRE / EUTECTOL / JAPOCIRE

(continued of page 5)

- Cutaneous irritation (Patch test) :
  - Species :  
Human being.
  - Concentration : Diluted at 15% in kernel oil.
  - Result :  
Non irritant.
  - Reference :  
Gattefossé data
  - Product tested : SUPPOCIRE grade DM
- Acute toxicity (oral) :
  - Species :  
Rat
  - Concentration :  
Pure
  - Result : LD50 > 2001 mg/kg.
  - Reference :  
Gattefossé data
  - Product tested : SUPPOCIRE grade NA10
  - Other studies : Study 2: LD0 > 20000 mg/kg (SUPPOCIRE grade CM / Rat / Pure).

## 12 Ecological information

### 12.1 Summary :

A summary of the evaluation is presented here after.

#### • 12.1 Aquatic toxicity:

**85665-33-4      Glycerides, C10-18**  
fish, LC0 : (96H) > 10000 mg/l  
fish, LC50 : (96H) > 10000 mg/l  
alga, EC50 : (72H) > 100 mg/l  
daphnia, EC50 (S): (48H) > 100 mg/l  
daphnia, NOEC : (21DAY) > 0.01 mg/l  
/, Biodegradabilit : (28DAY) 84 %  
/, log P oct/wat : > 8 (MEASURED) /

#### • 12.2 Persistence and degradability

Easily biodegradable  
Not classified (Regulation CLP (EC) No 1272/2008).

#### • Behaviour in environmental systems:

- 12.3 Bioaccumulative potential  
A worth-mentioning accumulation in organisms is not expected.  
Not classified (Regulation CLP (EC) No 1272/2008).

#### • 12.5 Results of PBT and vPvB assessment

Not classified PBT and vPvB (Annex VI Regulation (EC) No 1272/2008).

### Indications about product :

The ecotoxicity assessment of our product is based on a read-across approach (structurally related substances). Environment effect and environmental fate of our product are predicted from data on similar substances.  
No ecotoxicity study has been done on the product.

Review date: 21/02/2013  
Printing date: 21/02/2013

PRODUCT : SUPPOCIRE / LIPOCIRE / EUTECTOL / JAPOCIRE

(continued of page 6)

### 13 Disposal considerations

- **13.1 Waste treatment methods**
- Recommendation  
Must be disposed of an incinerator.
- Recommendation about packaging :  
Disposal must be made according to official regulations.  
Packaging may be reused or recycled after cleaning.

### 14 TRANSPORT INFORMATON

- **Land transport ADR/RID (cross-border)**  
Not regulated.
- **Inland shipping ADN:**  
Not regulated.
- **Maritime transport IMDG:**  
Not regulated.
- **Air transport ICAO-TI and IATA-DGR:**  
Not regulated.
- **Environmental hazards:**  
Not applicable.
- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**  
Not applicable.

### 15 REGULATORY INFORMATION

- **Labelling according to EU guidelines:**  
The substance is not subject to classification according to EU lists and other sources of literature known to us.  
The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV) .
- **National regulations:**
- Additional classification according to Decree on Hazardous Materials, Annex II:  
Not classified.
- Classification according to VbF:  
Not classified.
- Classification WGK (Water hazard classes - Wassergefährdungsklassen):  
Wassergefährdungsklasse (WGK) : Not classified (nicht wassergefährdend).
- Classification HMIS (Hazardous Materials Identification System)
  - Health:  
Cat 0 : no significant risk to health.
  - Flammability:  
Cat 0: Materials that will not burn.
  - Reactivity (HMIS® I and II - now obsolete)

(continued on page 8)

# MATERIAL SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

1132401

Review date: 21/02/2013  
Printing date: 21/02/2013

PRODUCT : SUPPOCIRE / LIPOCIRE / EUTECTOL / JAPOCIRE

(continued of page 7)

- Please consult NFPA classification.
- Physical Hazard (HMIS® III):  
Cat 0: Materials that are normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react. Non-explosives.
  - Personal Protection:  
Cat C: Safety glasses + Gloves + Protective apron.

• **International rules :**

- USA :  
Conforms to US TSCA (Toxic Substance Control Act). Substances that are regulated under other federal regulations (ie food additives, drug, cosmetics etc) are not subject to TSCA.

## 16 Other information

Regulatory requirements relative to the distribution of this MSDS : In accordance with the regulatory requirements, all information in the MSDS must be transmitted by the MSDS recipient to the health authorities, to any party receiving the products and to any other person likely to be exposed to the products.  
Asterisks (\*) on life show modifications with regard to last chemical safety data sheet.

• **Department issuing MSDS:**

Gattefossé SAS - Regulatory Department regulatory@gattefossé.com

• **Liability clause :**

The information contained in this data sheet is based on our knowledge of the related product on the date indicated, but does not amount to a guarantee in respect of the product's properties and does not give rise to any contractual legal tie. This information is given in utmost good faith. It cannot substitute for indispensable preliminary tests that must be conducted to ensure product suitability for each intended use. The user's attention is also drawn to the possible risks incurred if a product is used for a purpose other than its designed purpose. This data sheet does not under any circumstance replace knowledge and application by the user of all laws and regulations relevant to his own operations. The user shall be solely liable for the precautions taken relevant to the use made of the products. The list of related laws and regulations is given simply to help the user to fulfil the obligations incumbent upon him for use of the product. This must not be considered an exhaustive list and does not exempt the user from ensuring that he may possibly come under other obligations pursuant to laws or regulation other than those indicated relating to the possession and manipulation of the product for which he shall be solely liable.

• **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)  
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)  
ICAO: International Civil Aviation Organization  
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)  
GHS: Globally Harmonized System of Classification and Labelling of Chemicals  
EINECS: European Inventory of Existing Commercial Chemical Substances  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
VbF: Verordnung über brennbare Flüssigkeiten, Österreich (Ordinance on the storage of combustible liquids, Austria)

(continued on page 9)



Review date: 21/02/2013  
Printing date: 21/02/2013

PRODUCT : SUPPOCIRE / LIPOCIRE / EUTECTOL / JAPOCIRE
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LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent
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*(continued of page 8)*

<b>TRADE NAME</b>	<b>CODE</b>
SUPPOCIRE A	3000
SUPPOCIRE AI	3001
SUPPOCIRE AIM	3002
SUPPOCIRE AM	3004
SUPPOCIRE AM ROUSSEL	3005
SUPPOCIRE AS2	3008
SUPPOCIRE B	3012
SUPPOCIRE BCM	3013
SUPPOCIRE BM	3014
SUPPOCIRE BS2	3017
SUPPOCIRE C	3019
SUPPOCIRE CM	3020
SUPPOCIRE D	3023
SUPPOCIRE DB	3024
SUPPOCIRE DM	3025
SUPPOCIRE GB	3027
SUPPOCIRE GC	3028
SUPPOCIRE L	3030
SUPPOCIRE LB	3031
SUPPOCIRE NA 0	3245
SUPPOCIRE NA 10	3033
SUPPOCIRE NA 15	3223
SUPPOCIRE NA	3032
SUPPOCIRE NAI 25 A	3258
SUPPOCIRE NAI 25	3222
SUPPOCIRE NAI 50	3035
SUPPOCIRE NAIS 10	3224
SUPPOCIRE NAIS 90	3288
SUPPOCIRE NAS 40	3233
SUPPOCIRE NAS 50	3271
SUPPOCIRE NAS 55	3282
SUPPOCIRE NB	3038
LIPOCIRE A	5173
LIPOCIRE CM	5174
LIPOCIRE DM	5175
LIPOCIRE NA 10 B	5391
LIPOCIRE NA 10	5385
EUTECTOL M	3252
EUTECTOL U	3399
JAPOCIRE DM	3394
JAPOCIRE NA 0	3395
JAPOCIRE NA 15	3393