



# CITROFLOR

*Citrus Essential Oils - Floral Products  
Raw Materials for Perfumery*

CITROFLOR Sas di G. La Face e Co. - Via Spanò Bolani, 1 - 89125 Reggio Calabria - ITALY

## MATERIAL SAFETY DATA SHEET

### 1. PRODUCT AND COMPANY IDENTIFICATION

COMMERCIAL NAME : CLEMENFLOR

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

BOTANICAL NAME :

NATURE OF THE PRODUCT : 100% NATURAL

### 3. HAZARDS IDENTIFICATION

SEE LABEL /REGULATORY INFORMATION

### 4. FIRST - AID MEASURES

EYE CONTACT : RINSE IMMEDIATELY WITH PLENTY OF WATER FOR 15 MINUTES OR CONTACT A PHYSICIAN IF SYMPTOMS PERSIST.

SKIN CONTACT : REMOVE CONTAMINATED CLOTHING. RINSE THE AFFECTED AREA WITH PLENTY OF WATER CONTACT A PHYSICIAN IF SYMPTOMS PERSIST

INHALATION : IF DISCOMFORT IS FELT AFTER INHALATION OF VAPOURS, REMOVE AFFECTED PERSON TO FRESH AIR. IN CASE OF BREATHING DIFFICULTY SEEK MEDICAL ADVICE

INGESTION : WASH THE MOUTH WITH WATER; SEEK MEDICAL ADVICE IMMEDIATELY

### 5. FIRE – FIGHTING MEASURES

EXTINGUISHING MEDIA RECOMMENDED : CO<sub>2</sub>, FOAM, DRY CHEMICALS.

NON RECOMMENDED : DO NOT USE DIRECT WATERJET ON BURNING MATERIAL

EXTINGUISHING PROCEDURES : CLOSED CONTAINERS MAY BUILD UP PRESSURE AT ELEVATED TEMPERATURES. IF POSSIBLE CONTAINERS SHOULD BE COOLED WITH A WATER SPRAY.

### 6. HANDLING AND STORAGE

PRECAUTIONS IN HANDLING : APPLY ACCORDING TO GOOD MANUFACTURING AND INDUSTRIAL HYGIENE PRACTICES WITH PROPER VENTILATION. DO NOT DRINK, EAT OR SMOKE WHILE HANDLING RESPECT GOOD PERSONAL HYGIENE

STORAGE CONDITIONS : STORE IN COOL, DRY AND VENTILATED AREA AWAY FROM HEAT SOURCES SPARKS AND OPEN FLAMES PROTECTED FROM LIGHT IN TIGHTLY CLOSED ORIGINAL CONTAINER.

FIRE PROTECTION : KEEP AWAY FROM IGNITION SOURCES AND NAKED FLAME.

### 7. EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION : AVOID TO BREATHE DIRECTLY ON THE PRODUCT ENSURE A GOOD VENTILATION OF THE WORK ROOM.

EYE PROTECTION : USE SAFETY GLASSES.

HAND PROTECTION : AVOID SKIN CONTACT. USE PROTECTIVE GLOVES.

SKIN PROTECTION : USE PROTECTIVE CLOTHING

### 8. PHYSICO – CHEMICAL – PROPERTIES

ODOUR : VERY REACH IN TOP NOTE WITH MANDARINE AND CLEMENTINE NUANCES  
COLOUR : PALE YELLOW TO COLOURLESS  
APPEARANCE : LIQUID

SPECIFIC GRAVITY AT 20°/20°C 0.8470 - 0.8550

REFRACTIVE INDEX AT 20°C 1.4700 – 1.4740

OPTICAL ROTATION AT 20°C +90° - +96°

ESTER CONTENT AS DECANAL (%) 0.80 - 2.0

BOILING POINT 178 ° C

FLASH POINT 49 ° C

9. **STABILITY AND REACTIVITY**  
STABILITY : NO SIGNIFICANT MODIFICATIONS IN NORMAL STORAGE CONDITIONS  
REACTIVITY : NO SIGNIFICANT REACTIVITY HAZARDS IN NORMAL USE CONDITIONS  
CONDITIONS TO AVOID : HIGH TEMPERATURE.  
PRODUCTS TO AVOID : AVOID CONTACTS WITH STRONG ACIDS, ALKALI OR OXIDIZING AGENTS  
SHELF LIFE : ONE YEAR

10. **TOXICOLOGICAL INFORMATION**  
LD 50 ORAL 5g/KG NO PHOTOTOXIC EFFECTS

11. **DANGEROUS SUBSTANCES**  
NOT AVAILABLE

12. **ECOLOGICAL INFORMATION**  
PREVENT CONTAMINATION OF SOIL, GROUND AND SURFACEWATER, BIODEGRADABILITY NOT DETERMINED

13. **DISPOSAL CONSIDERATIONS**  
IN ACCORDANCE WITH LOCAL ENVIRONMENTAL LAWS. AVOID DISPOSING INTO DRAINAGE SYSTEMS AND INTO THE ENVIRONMENT

14. **TRANSPORT REGULATIONS**

MEANS OF TRANSPORT : AERIAL, SEA, RAILWAY

UN N° : 1169 EXTRAITS AROMATIQUES LIQUIDES

ROAD (ADR) / RAIL (RID) :	CLASS	3	GROUP	III
AIR (IATA)	: CLASS	3	GROUP	III
SEA (IMO)	: CLASS	3	GROUP	III
PACKING	: DRUMS			

15. **REGULATORY INFORMATION**

Harmful



Flammable



Dangerous for environment



R. PHRASES

R10 FLAMMABLE

R38 IRRITATING TO SKIN

R43 MAY CAUSE SENSITISATION BY SKIN CONTACT

R50/53 VERY TOXIC TO AQUATIC ORGANISM. MAY CAUSE LONG-TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT.

R65 HARMFUL: MAY CAUSE LONG DAMAGE IF SWALLOWED.

S. PHRASES

S64 AVOID CONTACT WITH SKIN

S37 WEAR SUITABLE GLOVES

S61 AVOID RELEASE TO THE ENVIRONMENT. PREFER TO SPECIAL INSTRUCTIONS / MSDS

S62 IF SWALLOWED, DO NOT INDUCE VOMITING: SEEK MEDICAL ADVICE IMMEDIATELY AND SHOW THIS CONTAINER OR LABEL

16. **OTHER INFORMATION**

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