



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 : LEMONFLOR

2. COMPOSITION / INFORMATION ON INGREDIENTS

BOTANICAL NAME : CITRUS LIMON (L) BURM. F

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 SIMPTOMS 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 WHITH WATER; SEEK MEDICAL ADVICE IMMEDIATELY

5. FIRE – FIGHTING MEASURES

EXTINGUISHING MEDIA RECOMMENDED : CO2, 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 WHITH 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 BREATH 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 : FRESH AND POWERFUL NOTE, TYPICAL OF LEMON LEAVES AND PEEL
COLOUR : PALE YELLOW TO COLOURLESS
APPEARANCE : LIQUID

SPECIFIC GRAVITY AT 20°/20°C 0.8520 - 0.8590

REFRACTIVE INDEX AT 20°C 1.4710 – 1.4750

OPTICAL ROTATION AT 20°C +70° - +76°

ESTER CONTENT AS DECANAL (%) 0.80 - 2.2

BOILING POINT 180 ° C

FLASH POINT 58 ° 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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