

SAFETY DATA SHEET**LEFRANC & BOURGEOIS ESSENCE SANS ODEUR / ODOURLESS SOLVENT**

According to Regulation (EC) No 1907/2006, Annex II, as amended by Regulation (EU) No 453/2010

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier****Product name** LEFRANC & BOURGEOIS ESSENCE SANS ODEUR / ODOURLESS SOLVENT**1.2. Relevant identified uses of the substance or mixture and uses advised against****Identified uses** Thinner for Oil Painting**1.3. Details of the supplier of the safety data sheet****Supplier** ColArt International Holdings Ltd.
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R.Enquiries@colart.co.uk**Contact person** Jon Lloyd - Group Regulatory Affairs Manager +44 (0)2084243224; j.lloyd@colart.co.uk**Manufacturer** ColArt International SA
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+33 2 43 83 83 00**1.4. Emergency telephone number****Emergency telephone** +44 (0)208 424 3200 This telephone number is available during office hours only 09:00 to 17:00 GMT Language English.**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification****Physical hazards** Not Classified**Health hazards** Asp. Tox. 1 - H304**Environmental hazards** Not Classified**Classification (67/548/EEC or 1999/45/EC)** Xn;R65. R66.**2.2. Label elements****Pictogram****Signal word** Danger**Hazard statements** H304 May be fatal if swallowed and enters airways.

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Precautionary statements P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P331 Do NOT induce vomiting.
P405 Store locked up.
P501 Dispose of contents/container in accordance with national regulations.

Supplemental label information EUH066 Repeated exposure may cause skin dryness or cracking.

Contains Hydrocarbons, C14-C18, <2% aromatics

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hydrocarbons, C14-C18, <2% aromatics	60-100%
CAS number: 64742-47-8	EC number: 927-632-8
	REACH registration number: 01-2119457736-27-0001
Classification	Classification (67/548/EEC or 1999/45/EC)
Asp. Tox. 1 - H304	Xn;R65. R66.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation Move affected person to fresh air at once. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen.

Ingestion Never give anything by mouth to an unconscious person. Do not induce vomiting. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention immediately.

Skin contact Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if irritation persists after washing.

Eye contact Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed

4.3. Indication of any immediate medical attention and special treatment needed

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Extinguish with the following media: Foam. Dry chemicals, sand, dolomite etc.

Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards No unusual fire or explosion hazards noted.

Hazardous combustion products Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Oxides of carbon.

5.3. Advice for firefighters

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Protective actions during firefighting Avoid breathing fire gases or vapours. Cool containers exposed to flames with water until well after the fire is out. Control run-off water by containing and keeping it out of sewers and watercourses.

Special protective equipment for firefighters Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Avoid inhalation of vapours. Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Use suitable respiratory protection if ventilation is inadequate.

6.2. Environmental precautions

Environmental precautions Avoid discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Provide adequate ventilation. Contain spillage with sand, earth or other suitable non-combustible material. Avoid the spillage or runoff entering drains, sewers or watercourses. Collect and place in suitable waste disposal containers and seal securely.

6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Avoid contact with skin and eyes. Avoid inhalation of vapours. Provide adequate ventilation. Keep away from heat, sparks and open flame.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Keep container tightly closed. Store in a cool and well-ventilated place. Use containers made of the following materials: Stainless steel.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

All handling should only take place in well-ventilated areas.

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

Other skin and body protection

Wear appropriate clothing to prevent any possibility of skin contact.

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Hygiene measures Wash hands at the end of each work shift and before eating, smoking and using the toilet.
When using do not eat, drink or smoke.

Respiratory protection If ventilation is inadequate, suitable respiratory protection must be worn.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Colourless.
Odour	Mild.
Melting point	<-5°C
Initial boiling point and range	230-335°C @ 760 mm Hg
Flash point	>93°C CC (Closed cup).
Upper/lower flammability or explosive limits	: 0.5
Vapour pressure	0.001 kPa @ °C
Relative density	0.780-0.920 @ 15°C
Bulk density	800 kg/m ³
Solubility(ies)	Insoluble in water
Partition coefficient	Scientifically unjustified.
Auto-ignition temperature	>200°C
Viscosity	2.8-15.0 cSt @ 20°C

9.2. Other information

Particle size Not applicable.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Will not polymerise.

10.4. Conditions to avoid

Conditions to avoid Avoid excessive heat for prolonged periods of time.

10.5. Incompatible materials

10.6. Hazardous decomposition products

Hazardous decomposition products Fire creates: Carbon monoxide (CO). Carbon dioxide (CO₂).

SECTION 11: Toxicological information

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11.1. Information on toxicological effects

Other health effects	There is no evidence that the product can cause cancer.
<u>Acute toxicity - oral</u>	
Acute toxicity oral (LD₅₀ mg/kg)	5,000.0
Species	Rat
<u>Acute toxicity - dermal</u>	
Acute toxicity dermal (LD₅₀ mg/kg)	2,000.0
Species	Rabbit
<u>Serious eye damage/irritation</u>	
Serious eye damage/irritation	Not irritating.
<u>Respiratory sensitisation</u>	
Respiratory sensitisation	There is no evidence that the material can lead to respiratory hypersensitivity.
<u>Skin sensitisation</u>	
Skin sensitisation	Guinea pig maximization test (GPMT) - : Not sensitising.
<u>Germ cell mutagenicity</u>	
Genotoxicity - in vitro	Gene mutation:: Negative.
Genotoxicity - in vivo	Chromosome aberration: Negative.
<u>Carcinogenicity</u>	
Carcinogenicity	Scientifically unjustified.
<u>Reproductive toxicity</u>	
Reproductive toxicity - fertility	- NOAEL >1000 mg/kg, Oral, Rat No evidence of reproductive toxicity in animal studies
Inhalation	No specific health hazards known.
Ingestion	No harmful effects expected from quantities likely to be ingested by accident. Pneumonia may be the result if vomited material containing solvents reaches the lungs.
Skin contact	May cause defatting of the skin, but is not an irritant.
Route of entry	Skin and/or eye contact.

SECTION 12: Ecological Information

Ecotoxicity The product is not expected to be hazardous to the environment.

12.1. Toxicity

Acute toxicity - fish LC₅₀, 96 hours: >1028 mg/l, Fish

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: >3000 mg/l, Daphnia magna

Acute toxicity - microorganisms EC₅₀, 3 hours, > 3 hours: 100 mg/l, Activated sludge

Acute toxicity - terrestrial Scientifically unjustified.

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Chronic toxicity - fish early life stage , 28 days, > 28 days: 1000 mg/l,

Chronic toxicity - aquatic invertebrates , 21 days, > 21 days: 1000 mg/l, Daphnia magna

12.2. Persistence and degradability

Persistence and degradability The product is readily biodegradable.

Phototransformation Technically not feasible.
Air. - :

Biodegradation water - 74 Degradation (%): > 28 days

12.3. Bioaccumulative potential

Partition coefficient Scientifically unjustified.

12.4. Mobility in soil

Mobility The product has poor water-solubility.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This substance is not classified as PBT or vPvB according to current EU criteria.

12.6. Other adverse effects

Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Waste is classified as hazardous waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

Waste class 08 01 11* - waste paint and varnish containing organic solvents or other dangerous substances

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

Road transport notes Not classified.

Rail transport notes Not classified.

Sea transport notes Not classified.

Air transport notes Not classified.

14.1. UN number

Not applicable.

14.2. UN proper shipping name

No information required.

14.3. Transport hazard class(es)

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No information required.

14.4. Packing group

No information required.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

No information required.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU legislation

Dangerous Substances Directive 67/548/EEC.
 Dangerous Preparations Directive 1999/45/EC.
 System of specific information relating to Dangerous Preparations. 2001/58/EC.
 Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).
 Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

15.2. Chemical safety assessment

A chemical safety assessment has been carried out.

SECTION 16: Other information

Revision date	11/09/2015
Revision	3
Supersedes date	30/01/2014
Risk phrases in full	R65 Harmful: may cause lung damage if swallowed. R66 Repeated exposure may cause skin dryness or cracking.
Hazard statements in full	H304 May be fatal if swallowed and enters airways.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.