

LIOCENE PP 1302 FINE GRAIN

Page 1

Substance key: 000000160937

Revision Date: 04/28/2015

Version : 3 - 0 / USA

Date of printing :05/19/2015

SECTION 1. IDENTIFICATION

Identification of the company:	Clariant Corporation 4000 Monroe Road Charlotte, NC, 28205 Telephone No.: +1 704 331 7000
	Information of the substance/preparation: Product Safety 1-704-331-7710
	Emergency tel. number: +1 800-424-9300 CHEMTREC

Trade name:	LIOCENE PP 1302 FINE GRAIN
Material number:	197978
CAS number:	9010-79-1
Primary product use:	Additive
Chemical family:	1-Propene, polymer with ethene

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Not a hazardous substance or mixture.

GHS Label element

Not a hazardous substance or mixture.

Other hazards

Does not require a hazard warning label, but the normal safety precautions for handling chemicals must be observed.

Dusts, in sufficient quantities, pose an explosion risk if suspended in air.

Avoid dust formation and electrostatic charging.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), None under Title III of SARA

SECTION 4. FIRST AID MEASURES

General advice	: Get medical advice/ attention if you feel unwell.
If inhaled	: Move the victim to fresh air. Give oxygen or artificial respiration if needed. Get immediate medical advice/ attention. Never give anything by mouth to an unconscious person.
In case of skin contact	: Wash with soap and water. Contact physician if irritation or

LICOENE PP 1302 FINE GRAIN

Page 2

Substance key: 000000160937

Revision Date: 04/28/2015

Version : 3 - 0 / USA

Date of printing :05/19/2015

other symptoms occur. If hot wax strikes skin, drench or immerse the area in water to assist cooling. Do not remove wax from a burn after it cools. Consult a physician.

- In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Get medical attention immediately if irritation develops and persists.
- If swallowed : If swallowed, DO NOT induce vomiting.
Do not give anything to drink.
Call a physician immediately.
- Most important symptoms and effects, both acute and delayed : The possible symptoms known are those derived from the labelling (see section 2).
No additional symptoms are known.
- Notes to physician : None known.

SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Water mist
Foam
Dry powder
Carbon dioxide (CO₂)

- Unsuitable extinguishing media : High volume water jet

- Specific hazards during firefighting : None known.

Emits toxic fumes under fire conditions. This product presents no unusual fire or explosion hazards while sealed in a shipping container. During usage, if a dust cloud is generated, organic powders have the potential to be explosive with static spark or flame initiation.

- Further information : Exercise caution when fighting any chemical fire. Use NIOSH approved self-contained breathing apparatus and full protective clothing.

- Special protective equipment for firefighters : impervious clothing
Protective helmets

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and : Wear suitable protective equipment.
Wearing appropriate personal protective equipment, contain

LICOENE PP 1302 FINE GRAIN

Page 3

Substance key: 000000160937

Revision Date: 04/28/2015

Version : 3 - 0 / USA

Date of printing :05/19/2015

emergency procedures	spill and collect into a suitable container. Prevent from entering into soil, ditches, sewers, waterways and/or groundwater.
Environmental precautions	: The product should not be allowed to enter drains, water courses or the soil.
Methods and materials for containment and cleaning up	: Take up mechanically

SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion	: Take measures to prevent the build up of electrostatic charge. Observe the general rules of industrial fire protection
Advice on safe handling	: Avoid dust formation. Keep away from sources of ignition. Lead off electrostatic charges. Avoid inhalation, ingestion and contact with skin and eyes. Wash thoroughly after handling.
Technical measures/Precautions	: Store in original container. Keep container tightly closed. Store in a cool, dry, well-ventilated area.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Components with workplace control parameters**

No level has been established by OSHA, NIOSH, ACGIH.

Engineering measures : Use adequate exhaust ventilation and/or dust collection to keep dust levels below exposure limits.**Personal protective equipment**

Respiratory protection : Use NIOSH/MSHA approved respirators following manufacturer's recommendations where dust or fume may be generated.

Hand protection

Remarks : Nitrile rubber gloves.

Eye protection : Safety glasses or chemical splash goggles.

Skin and body protection : Wear suitable protective equipment.

Protective measures : When working with hot material, avoid contact with skin.

Hygiene measures : Wash hands before breaks and at the end of workday.

LICOENE PP 1302 FINE GRAIN

Page 4

Substance key: 000000160937

Revision Date: 04/28/2015

Version : 3 - 0 / USA

Date of printing :05/19/2015

When using do not eat, drink or smoke.
Use protective skin cream before handling the product.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Fine granules
Colour	: white
Odour	: not specified
Odour Threshold	: not determined
pH	: Not applicable
Drop point	: approx. 90 °C Method: ASTM D 3954-94 GLP: no
Boiling point	: not determined
Flash point	: not tested.
Evaporation rate	: not tested.
Upper explosion limit	: not tested.
Lower explosion limit	: not tested.
Vapour pressure	: < 0.1 hPa (20 °C)
Relative vapour density	: not tested.
Density	: approx. 0.87 g/cm ³ (23 °C) Method: ISO 1183
Solubility(ies)	
Water solubility	: insoluble (20 °C)
Solubility in other solvents	: not tested.
Partition coefficient: n-octanol/water	: not tested.
Auto-ignition temperature	: not determined
Decomposition temperature	: No decomposition if used as directed.
Viscosity	

LICOENE PP 1302 FINE GRAIN

Page 5

Substance key: 000000160937

Revision Date: 04/28/2015

Version : 3 - 0 / USA

Date of printing :05/19/2015

Viscosity, dynamic	: approx. 200 mPa.s (170 °C) Method: DIN 53019 GLP: no
Viscosity, kinematic	: Not applicable
Explosive properties	: Not explosive Method: Expert judgement GLP: no
Oxidizing properties	: Method: Expert judgement GLP: no The product does not contain organic peroxide-groups which result from either the manufacturing process or from added ingredients. The substance or mixture is not classified as oxidizing. Method: Expert judgement GLP: no
Surface tension	: Not applicable

SECTION 10. STABILITY AND REACTIVITY

Reactivity	: No dangerous reaction known under conditions of normal use.
Chemical stability	: Stable
Possibility of hazardous reactions	: The product is not a dust explosion risk as supplied; however the build-up of fine dust can lead to a risk of dust explosions. The substance or mixture does not emit flammable gases in contact with water. Not corrosive to metals Stable
Conditions to avoid	: None
Incompatible materials	: none
Hazardous decomposition products	: No hazardous decomposition products if stored and handled as prescribed The product does not contain any chemical groups which suggest self-reactive properties, nor is the estimated SADT less than 75 °C, nor is the exothermic decomposition energy higher than 300 J/g.

SECTION 11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure**

LICOENE PP 1302 FINE GRAIN

Page 6

Substance key: 000000160937

Revision Date: 04/28/2015

Version : 3 - 0 / USA

Date of printing :05/19/2015

Eye contact
Skin contact
Inhalation

Acute toxicity**Product:**

Acute oral toxicity : LD50 (Rat): > 2,000 mg/kg

Skin corrosion/irritation**Product:**

Remarks: not tested.

Serious eye damage/eye irritation**Product:**

Remarks: not tested.

Respiratory or skin sensitisation**Product:**

Remarks: not tested.

Germ cell mutagenicity**Product:**

Genotoxicity in vitro : Remarks: not tested.

Carcinogenicity**Product:**

Remarks: not tested.

IARC

Not listed

OSHA

Not listed

NTP

Not listed

Reproductive toxicity**Product:**Effects on fertility :
Remarks: not tested.**Repeated dose toxicity****Product:**

Remarks: not tested.

LIOCENE PP 1302 FINE GRAIN

Page 7

Substance key: 000000160937

Revision Date: 04/28/2015

Version : 3 - 0 / USA

Date of printing :05/19/2015

Experience with human exposure**Product:**

General Information : The possible symptoms known are those derived from the labelling (see section 2).

Further information**Product:**

Remarks: The product has not been tested. The statements are derived from products of a similar composition.

SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity****Product:**

Toxicity to fish :
Remarks: not tested.

Toxicity to daphnia and other :
aquatic invertebrates : Remarks: not tested.

Toxicity to algae :
Remarks: not tested.

Toxicity to bacteria : Remarks: not tested.

Persistence and degradability**Product:**

Biodegradability : Remarks: The product is slightly soluble in water. It can be eliminated from water by abiotic processes.

Bioaccumulative potential**Product:**

Bioaccumulation : Remarks: Does not bioaccumulate.

Mobility in soil

no data available

Other adverse effects**Product:**

Environmental fate and :
pathways : Remarks: no data available

Results of PBT and vPvB :
assessment : Remarks: no data available

Additional ecological : Product is insoluble in water

LICOCENE PP 1302 FINE GRAIN

Page 8

Substance key: 000000160937

Revision Date: 04/28/2015

Version : 3 - 0 / USA

Date of printing :05/19/2015

information

Harmful effects to fish and bacteria: not harmful
May be separated mechanically in waste water plants.
The ecotoxicity of the product has not been tested. The information given is based on products of similar structure or composition.

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal methods**

- RCRA - Resource Conservation and Recovery Act
Waste from residues : No -- Not as sold.
- : Dispose of spilled or waste product, contaminated soil and other contaminated materials in licensed landfill or treatment facility in accordance with all local, state, and federal regulations.
- Contaminated packaging : Packaging that cannot be cleaned should be disposed of as product waste

SECTION 14. TRANSPORT INFORMATION

- DOT not restricted
- IATA not restricted
- IMDG not restricted

SECTION 15. REGULATORY INFORMATION**EPCRA - Emergency Planning and Community Right-to-Know Act****CERCLA Reportable Quantity**

This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

- SARA 311/312 Hazards** : No SARA Hazards
- SARA 302** : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
- SARA 313** : This product does not contain any toxic chemical listed under Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986.

Clean Water Act

LICOCENE PP 1302 FINE GRAIN

Page 9

Substance key: 000000160937

Revision Date: 04/28/2015

Version : 3 - 0 / USA

Date of printing :05/19/2015

Contains no known priority pollutants at concentrations greater than 0.1%.

The components of this product are reported in the following inventories:

TSCA : On TSCA Inventory

Inventories

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TSCA (USA)

SECTION 16. OTHER INFORMATION**Further information**

Handle with care. Organic dusts have the potential to be explosive with static spark or flame initiation.

Revision Date : 04/28/2015

This information is supplied under the OSHA Hazard Communication Standard, 29 CFR 1910.1200, and is offered in good faith based on data available to us that we believe to be true and accurate. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable to the material. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate for that use. No warranty, express or implied, is made regarding the accuracy of this data, the hazards connected with the use of the material, or the results to be obtained from the use thereof. We assume no responsibility for damage or injury from the use of the product described herein. Data provided here are typical and not intended for use as product specifications.

US / USA