

Licocene PO 462 GR TP

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**SECTION 1. IDENTIFICATION**

<b>Identification of the company:</b>	Clariant Produkte (Deutschland) GmbH Frankfurt am Main, 65926 Telephone No.: +49 69 305 18000
<b>Information of the substance/preparation:</b>	Product Safety 1-704-331-7710
<b>Emergency tel. number:</b>	+1 800-424-9300 CHEMTREC

<b>Trade name:</b>	<b>Licocene PO 462 GR TP</b>
<b>Material number:</b>	239263
<b>Primary product use:</b>	Additive
<b>Chemical family:</b>	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.

Dust can form an explosive mixture in air.

**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 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.

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- 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.

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**SECTION 5. FIREFIGHTING MEASURES**

- Suitable extinguishing media : Water mist  
Foam  
Dry powder  
Carbon dioxide (CO<sub>2</sub>)
- 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

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**SECTION 6. ACCIDENTAL RELEASE MEASURES**

- Personal precautions, protective equipment and emergency procedures : Wear suitable protective equipment.  
Wearing appropriate personal protective equipment, contain spill and collect into a suitable container.  
Prevent from entering into soil, ditches, sewers, waterways and/or groundwater.

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- 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

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**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 a cool, dry, well-ventilated area. Keep container sealed when not in use.

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

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

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**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

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Appearance	: Granules
Colour	: white
Odour	: not specified
Odour Threshold	: not determined
pH	: Not applicable
Softening point	: approx. 124 °C Method: ASTM D 3104
Melting point	approx. 123 °C
Boiling point	: not determined
Flash point	: Not applicable
Evaporation rate	: not determined
Flammability (solid, gas)	: not auto-flammable
Upper explosion limit	: not determined
Lower explosion limit	: not determined
Vapour pressure	: < 0.1 hPa (20 °C)
Relative vapour density	: not determined
Density	: approx. 0.89 g/cm <sup>3</sup> (23 °C) Method: ISO 1183
Solubility(ies)	
Water solubility	: insoluble (20 °C)
Solubility in other solvents	: not determined
Partition coefficient: n-octanol/water	: not determined
Auto-ignition temperature	: not determined
Decomposition temperature	: No decomposition if used as directed.
Viscosity	
Viscosity, dynamic	: approx. 4,500 mPa.s (170 °C) Method: DIN 53019

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Viscosity, kinematic	: Not applicable
Explosive properties	: Not explosive Method: Expert judgement
Oxidizing properties	: The substance or mixture is not classified as oxidizing. Method: Expert judgement GLP: no The product does not contain organic peroxide-groups which result from either the manufacturing process or from added ingredients.
Self-Accelerating decomposition temperature (SADT)	: > 75 °C
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
Conditions to avoid	: None
Incompatible materials	: none
Hazardous decomposition products	: When handled and stored appropriately, no dangerous decomposition products are known 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**

Eye contact  
Skin contact  
Inhalation

**Acute toxicity****Product:**

Acute oral toxicity : LD50: &gt; 2,000 mg/kg

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Acute inhalation toxicity : Remarks: no data available

Acute dermal toxicity : Remarks: no data available

## **Skin corrosion/irritation**

### **Product:**

Result: No skin irritation

## **Serious eye damage/eye irritation**

### **Product:**

Result: No eye irritation

## **Respiratory or skin sensitisation**

### **Product:**

Remarks: no data available

## **Germ cell mutagenicity**

### **Product:**

Germ cell mutagenicity - Assessment : No information available.

## **Carcinogenicity**

### **Product:**

Carcinogenicity - Assessment : No information available.

**IARC** Not listed

**OSHA** Not listed

**NTP** Not listed

## **Reproductive toxicity**

### **Product:**

Reproductive toxicity - Assessment : No information available.

## **Repeated dose toxicity**

### **Product:**

Remarks: This information is not available.

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**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.

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

Toxicity to fish :  
Remarks: no data available

Toxicity to daphnia and other aquatic invertebrates :  
Remarks: no data available

Toxicity to algae :  
Remarks: no data available

Toxicity to bacteria : Remarks: no data available

**Persistence and degradability****Product:**

Biodegradability : Remarks: This property is substance-specific and therefore cannot be given for the preparation.

**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

Additional ecological information : Product is insoluble in water  
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

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information given is based on products of similar structure or composition.

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**SECTION 13. DISPOSAL CONSIDERATIONS****Disposal methods**

- RCRA - Resource Conservation and Recovery Authorization Act  
Waste from residues : No -- Not as sold.
- Waste from residues : 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

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**SECTION 14. TRANSPORT INFORMATION**

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

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**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**

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

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



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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)

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## **SECTION 16. OTHER INFORMATION**

### **Further information**

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

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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.

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