

# SAFETY DATA SHEET

**LICOCENE PP 2502 GR**

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Substance key: 000000619861

Revision Date: 06/28/2024

Version : 2 - 5 / USA

Date of printing :10/22/2024

## SECTION 1. IDENTIFICATION

<b>Identification of the company:</b>	Clariant Plastics & Coatings (Deutschland) GmbH Frankfurt am Main, 65926 Telephone No.: +49 69 305 18000
	<b>Information of the substance/preparation:</b> Product Stewardship, +1-704-331-7710 e-mail: SDS.NORAM@clariant.com
	<b>Emergency tel. number:</b> +1 800-424-9300 CHEMTREC

<b>Trade name:</b>	<b>LICOCENE PP 2502 GR</b>
<b>Material number:</b>	291541
<b>CAS number:</b>	9010-79-1
<b>Primary product use:</b>	Additive
<b>Chemical family:</b>	Propylene/Ethylene Copolymer

## SECTION 2. HAZARDS IDENTIFICATION

**GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)**

Combustible dust

### GHS label elements

Signal word : Warning

Hazard statements : May form combustible dust concentrations in air.

Precautionary statements : **Prevention:**  
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P243 Take precautionary measures against static discharge.  
P233 Keep container tightly closed.

### Other hazards

No additional hazards are known except those derived from the labelling.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture	: Substance
Substance name	: Propylene/Ethylene Copolymer
CAS-No.	: 9010-79-1

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**Components**

This product does not contain any components that require disclosure according to OSHA Hazard Communication Standard 2012.

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**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 thoroughly with soap and water for 15 minutes. If skin irritation occurs, seek medical attention.
- 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 conscious, give the victim plenty of water to drink.  
Consult a physician.  
Never give anything by mouth to an unconscious person.
- 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 : Treat symptomatically.

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**SECTION 5. FIREFIGHTING MEASURES**

- Suitable extinguishing media : Foam  
Water spray jet  
Dry powder
- Unsuitable extinguishing media : High volume water jet  
Carbon dioxide (CO<sub>2</sub>)
- Specific hazards during firefighting : None known.
- Further information : Wear suitable protective equipment.
- Special protective equipment for firefighters : Wear personal protective equipment.  
In the event of fire, wear self-contained breathing apparatus.

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**SECTION 6. ACCIDENTAL RELEASE MEASURES**

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- Personal precautions, protective equipment and emergency procedures : Wear suitable protective equipment.
- 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  
Take measures to prevent the build up of electrostatic charge.  
Treat recovered material as described in the section "Disposal considerations".

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**SECTION 7. HANDLING AND STORAGE**

- Advice on protection against fire and explosion : Take precautionary measures against build-up of electrostatic charges, e.g earthing during loading and off-loading operations.  
Keep away sources of ignition.
- 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.
- Use personal protective equipment.  
Avoid breathing dust.  
Avoid contact with skin and eyes.  
Wash thoroughly after handling.  
Store in a dry place.  
Keep away from heat.  
Store in original container.  
Keep container tightly closed.
- Further information on storage conditions : Store in original container.  
Keep container tightly closed.  
Store in a cool, dry, well-ventilated area.

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

Contains no substances with occupational exposure limit values.

- Engineering measures** : A system of local and/or general exhaust is recommended where employee exposures are at or above Occupational Exposure Limits (OEL).

**Personal protective equipment**

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

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generated.

Hand protection Remarks	:	Butyl Rubber, PVC Or Neoprene.
Eye protection	:	Safety glasses with side-shields
Skin and body protection	:	Wear protective clothing, including long sleeves and gloves, to prevent skin contact.
Protective measures	:	Observe the usual precautions for handling chemicals.
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**

Appearance	:	solid
Colour	:	not specified
Odour	:	No information available.
Odour Threshold	:	not determined
pH	:	Not applicable
Drop point	:	208 °F / 98 °C Method: DIN/ISO 2176
Softening point	:	ca. 214 °F / 101 °C Method: DIN/ISO 4625
Boiling point	:	Decomposes below the boiling point.
Flash point	:	421 °F / 216 °C  Method: DIN EN ISO 3679 (closed cup)
Evaporation rate	:	not determined
Flammability (solid, gas)	:	The product is not flammable.
Self-ignition	:	Method: Expert judgement The substance or mixture is not classified as pyrophoric. The substance or mixture is not classified as self heating.
Burning number	:	1

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Method: VDI 2263, ESCIS, Vol. 1

Method: VDI 2263,ESCIS: Volume 1, with the addition of 20% SiO<sub>2</sub>. VDI is The Union of German Engineers.ESCIS is The Safety Commission of the Swiss Chemical Industry

Upper explosion limit / upper flammability limit	:	Not applicable
Lower explosion limit / Lower flammability limit	:	Not applicable
Vapour pressure	:	< 0.1 mbar (68 °F / 20 °C)
Relative vapour density	:	Not applicable
Density	:	0.88 g/cm <sup>3</sup> (73 °F / 23 °C) Method: ISO 1183
Solubility(ies) Water solubility	:	insoluble
Partition coefficient: n-octanol/water	:	no data available
Auto-ignition temperature	:	Not applicable
Decomposition temperature	:	572 °F / 300 °C The substance or mixture is not classified self-reactive.
Viscosity Viscosity, dynamic	:	ca. 2,100 mPa.s (338 °F / 170 °C) Method: DIN 53019
Viscosity, kinematic	:	no data available
Explosive properties	:	Not explosive Method: Expert judgement
Oxidizing properties	:	The substance or mixture is not classified as oxidizing. Method: Expert judgement The product does not contain organic peroxide-groups which result from either the manufacturing process or from added ingredients.
Surface tension	:	Not applicable
Metal corrosion rate	:	Not applicable
Particle size	:	no data available

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**SECTION 10. STABILITY AND REACTIVITY**

Reactivity	:	No dangerous reaction known under conditions of normal use.
Chemical stability	:	No decomposition if stored and applied as directed.
Possibility of hazardous reactions	:	The substance or mixture does not emit flammable gases in contact with water. Not corrosive to metals
Conditions to avoid	:	None known.
Incompatible materials	:	no data available
Hazardous decomposition products	:	When handled and stored appropriately, no dangerous decomposition products are known

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

Inhalation  
Skin contact  
Eye contact

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

Acute oral toxicity	:	Remarks: not tested.
Acute inhalation toxicity	:	Remarks: not tested.
Acute dermal toxicity	:	Remarks: not tested.

**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.

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Germ cell mutagenicity - Assessment : No information available.

## **Carcinogenicity**

### **Product:**

Carcinogenicity - Assessment : No information available.

**IARC** No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**OSHA** No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

**NTP** No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

## **Reproductive toxicity**

### **Product:**

Reproductive toxicity - Assessment : No information available.

## **Repeated dose toxicity**

### **Product:**

Remarks : not tested.

## **Experience with human exposure**

### **Product:**

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

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## **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/aquatic plants : Remarks: not tested.

Toxicity to microorganisms : Remarks: not tested.

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

Biodegradability : Remarks: not tested.

**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 : no data available

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

RCRA - Resource Conservation and Recovery Act : This product, if discarded as sold, is not a Federal RCRA hazardous waste.

Waste Code : NONE

Waste from residues : Small quantities may be treated in aerobic wastewater treatment systems. Larger quantities may be incinerated or landfilled after solidification in permitted systems.

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****CERCLA Reportable Quantity**

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



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**SARA 304 Extremely Hazardous Substances Reportable Quantity**

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

**SARA 302 Extremely Hazardous Substances Threshold Planning Quantity**

This material does not contain any components with a section 302 EHS TPQ.

**SARA 311/312 Hazards** : Combustible dust

**SARA 313** : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**Clean Air Act**

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCM I Intermediate or Final VOC's (40 CFR 60.489).

**Clean Water Act**

This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A.

This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3.

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

This product does not contain any priority pollutants related to the U.S. Clean Water Act

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

TSCA : Listed on TSCA, All components are compliant with the TSCA Inventory Notification (Active) rule.

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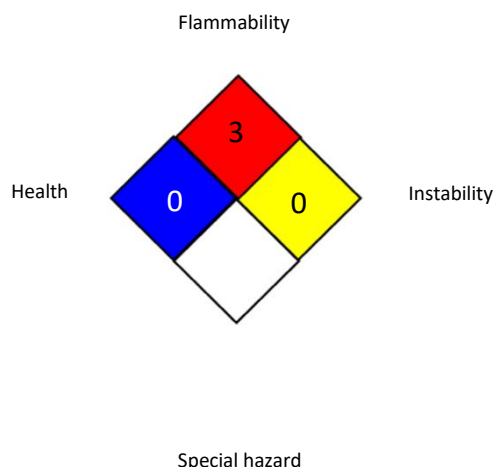
**SECTION 16. OTHER INFORMATION****Further information**

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**NFPA 704:****Full text of other abbreviations**

AICC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United

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Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods;  
vPvB - Very Persistent and Very Bioaccumulative

On the basis of an extensive test program, which had to be submitted to the competent authority on the occasion of the Notification of the substance in the European Community, this product was found to be toxicologically not dangerous within the meaning of the EC Directives.

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