

## GUR® 4150 (O) ECO-B952 NAT(TD)

Version: 2.0      Revision Date: 2025/08/13      SDS Number: 300010001795      Date of last issue: 2024/11/06  
Date of first issue: 2024/11/06

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### 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : GUR® 4150 (O) ECO-B952 NAT(TD)  
Product code : 000000000021052655

#### Manufacturer or supplier's details

Company : Celanese (Shanghai) International Trading Co., Ltd  
Address : 4560 Jinke Road, Zhangjiang, Pudong  
Shanghai, China 201210  
Telephone : 86-21-38619288  
Emergency telephone number : CHEMTREC International phone number: +1-703-527 3887,  
+86 532 8388-9090 (China, 24h)  
E-mail address : HazCom@celanese.com

#### Recommended use of the chemical and restrictions on use

Recommended use : Plastic processing industry

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### 2. HAZARDS IDENTIFICATION

#### Emergency Overview

|                                       |
|---------------------------------------|
| <b>Appearance</b> : powder            |
| Not a hazardous substance or mixture. |

#### GHS Classification

Not a hazardous substance or mixture.

#### GHS label elements

Not a hazardous substance or mixture.

#### Physical and chemical hazards

Not classified based on available information.

#### Health hazards

Not classified based on available information.

#### Environmental hazards

Not classified based on available information.

#### Other hazards which do not result in classification

Risk of dust explosion.

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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Components

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according to GB/T 16483 and GB/T 17519



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| Chemical name | CAS-No.   | Concentration (% w/w) |
|---------------|-----------|-----------------------|
| Polyethylene  | 9002-88-4 | <= 100                |

### 4. FIRST AID MEASURES

- General advice : Do not leave the victim unattended.  
If inhaled : If unconscious, place in recovery position and seek medical advice.  
If symptoms persist, call a physician.  
In case of skin contact : Cool skin rapidly with cold water after contact with molten material.  
Do not peel solidified product off the skin.  
Burns must be treated by a physician.  
In case of eye contact : Remove contact lenses.  
Protect unharmed eye.  
If eye irritation persists, consult a specialist.  
If swallowed : Keep respiratory tract clear.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.  
If symptoms persist, call a physician.  
Most important symptoms and effects, both acute and delayed : None known.  
Notes to physician : Treat symptomatically.

### 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Water  
Foam  
Dry chemical  
Carbon dioxide (CO<sub>2</sub>)  
Specific hazards during fire-fighting : Do not use a solid water stream as it may scatter and spread fire.  
Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.  
Hazardous combustion products : Carbon oxides  
Specific extinguishing methods : Standard procedure for chemical fires.  
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.

### 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency measures : Remove all sources of ignition.  
Avoid dust formation.

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|   |  |
|---|--|
| Agency procedures                                     | Avoid breathing dust.<br>Ensure adequate ventilation.  |
| Environmental precautions                             | : No special environmental precautions required.   |
| Methods and materials for containment and cleaning up | : Pick up and arrange disposal without creating dust.<br>Sweep up and shovel.<br>Do not create a powder cloud by using a brush or compressed air.<br>Non-sparking tools should be used.<br>Keep in suitable, closed containers for disposal. |

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### 7. HANDLING AND STORAGE

#### Handling

|   |  |
|---|--|
| Advice on protection against fire and explosion | : Provide appropriate exhaust ventilation at places where dust is formed.<br>During processing, dust may form explosive mixture in air.<br>Take measures to prevent the build up of electrostatic charge.<br>Do not empty bag over drums with ignitable gas mixtures.<br>Use explosion-proof equipment.  |
| Advice on safe handling                         | : For personal protection see section 8.<br>Smoking, eating and drinking should be prohibited in the application area.<br>Minimize dust generation and accumulation.<br>Dry powders can build static electricity charges when subjected to the friction of transfer and mixing operations.<br>Provide adequate precautions, such as electrical grounding and bonding, or inert atmospheres.<br>Ensure all equipment is electrically grounded before beginning transfer operations. |
| Avoidance of contact                            | : Not applicable   |

#### Storage

|  |  |
|--|--|
| Conditions for safe storage              | : Keep containers tightly closed in a dry, cool and well-ventilated place.<br>Maintain dryness of resin<br>Electrical installations / working materials must comply with the technological safety standards. |
| Materials to avoid                       | : No materials to be especially mentioned.   |
| Further information on storage stability | : Keep in a dry place.<br>No decomposition if stored and applied as directed.  |

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### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Components with workplace control parameters

Contains no substances with occupational exposure limit values.

|                      |   |
|----------------------|---|
| Engineering measures | : Local exhaust<br>Use explosion-proof equipment. |
|----------------------|---|

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### Personal protective equipment

Respiratory protection : Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines.

Filter type : Particulates type

Eye/face protection : Safety glasses

Skin and body protection : Protective suit

Hygiene measures : General industrial hygiene practice.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : powder

Flash point : Not applicable

Density : 0.92 - 0.95 g/cm<sup>3</sup> (25 °C)  
Method: ISO 1183-1

Solubility(ies)  
Water solubility : insoluble

Auto-ignition temperature : > 350 °C

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## 10. STABILITY AND REACTIVITY

Reactivity : No decomposition if stored and applied as directed.

Chemical stability : No decomposition if stored and applied as directed.

Possibility of hazardous reactions : Stable under recommended storage conditions.  
No hazards to be specially mentioned.  
Dust may form explosive mixture in air.

Conditions to avoid : No data available

Incompatible materials : Not applicable

Hazardous decomposition products : No data available

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## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity

Not classified based on available information.

### Skin corrosion/irritation

Not classified based on available information.

### Serious eye damage/eye irritation

Not classified based on available information.

### Respiratory or skin sensitisation

### Skin sensitisation

Not classified based on available information.

## **GUR® 4150 (O) ECO-B952 NAT(TD)**

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### **Respiratory sensitisation**

Not classified based on available information.

### **Germ cell mutagenicity**

Not classified based on available information.

### **Carcinogenicity**

Not classified based on available information.

### **Reproductive toxicity**

Not classified based on available information.

### **STOT - single exposure**

Not classified based on available information.

### **STOT - repeated exposure**

Not classified based on available information.

### **Aspiration toxicity**

Not classified based on available information.

### **Further information**

#### **Product:**

Remarks : No data available

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## **12. ECOLOGICAL INFORMATION**

### **Ecotoxicity**

No data available

### **Persistence and degradability**

No data available

### **Bioaccumulative potential**

No data available

### **Mobility in soil**

No data available

### **Other adverse effects**

#### **Product:**

Additional ecological information : No data available

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## **13. DISPOSAL CONSIDERATIONS**

### **Disposal methods**

Waste from residues : Where possible recycling is preferred to disposal or incineration.  
Dispose of in accordance with local regulations.

Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.

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### 14. TRANSPORT INFORMATION

#### International Regulations

##### UNRTDG

UN number : Not applicable  
Proper shipping name : Not applicable  
Class : Not applicable  
Subsidiary risk : Not applicable  
Packing group : Not applicable  
Labels : Not applicable  
Environmentally hazardous : no

##### IATA-DGR

UN/ID No. : Not applicable  
Proper shipping name : Not applicable  
Class : Not applicable  
Subsidiary risk : Not applicable  
Packing group : Not applicable  
Labels : Not applicable  
Packing instruction (cargo aircraft) : Not applicable  
Packing instruction (passenger aircraft) : Not applicable

##### IMDG-Code

UN number : Not applicable  
Proper shipping name : Not applicable  
Class : Not applicable  
Subsidiary risk : Not applicable  
Packing group : Not applicable  
Labels : Not applicable  
EmS Code : Not applicable  
Marine pollutant : no

#### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

#### National Regulations

##### GB 6944/12268

UN number : Not applicable  
Proper shipping name : Not applicable  
Class : Not applicable  
Subsidiary risk : Not applicable  
Packing group : Not applicable  
Labels : Not applicable  
Marine pollutant : no

##### JT/T 617

UN number : Not applicable  
Proper shipping name : Not applicable  
Class : Not applicable  
Subsidiary risk : Not applicable  
Packing group : Not applicable

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Labels : Not applicable  
Environmentally hazardous no

### Special precautions for user

Not applicable

## 15. REGULATORY INFORMATION

### National regulatory information

No specific information about other regulations/legislation to be mentioned.

### Regulations on Safety Management of Hazardous Chemicals

## 16. OTHER INFORMATION

Revision Date : 2025/08/13  
Date format : yyyy/mm/dd

### Full text of other abbreviations

AIIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; 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; 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; KECl - 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; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; 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; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TECl - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

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### Disclaimer

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