



# Safety Data Sheet

## EGYPTENE

REACH regulation (EC) 1907/2006, amended by 2020/878/EU

SDS No: BVGH-GG-2023-8051

Issued: 12/5/2023  
Version: 1.0.0

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Trade name: EGYPTENE  
Substance name: Polyethylene, homopolymer  
CAS No: 9002-88-4  
EC No: 618-339-3

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended uses: Industrial and professional use  
Polymer production.  
Inadvisable uses: All uses not specified in this section or above

#### 1.3. Details of the supplier of the safety data sheet

##### Supplier

Company: EU Only Representative CS3 Gmbh  
Address: Graustrasse 12, 81545 Munich  
www.csthree.eu  
Country: GERMANY  
E-mail: info@csthree.com

##### Manufacturer

Company: Sidi Kerir Petrochemicals Co (SIDPEC)  
Address: Alexandria Km 36 Alex / Cairo Desert Road  
Al Nahda Al Ameria  
Country: EGYPT  
E-mail: marketingspc@sidpec.com (technical information)  
Phone: + 203 4770131  
Fax: + 203 4770900

#### 1.4. Emergency Telephone Number

+49 1732314210 (office hours)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

CLP-classification: The product shall not be classified as hazardous according to the classification and labeling rules for substance and mixtures.  
Most serious harmful effects: May cause slight irritation to the skin and eyes. Inhalation of dust is irritating to the upper airways.

#### 2.2. Label elements

The product shall not be classified as hazardous according to the classification and labeling rules for substance and mixtures.



# Safety Data Sheet

## EGYPTENE

Issued: 12/5/2023  
Version: 1.0.0

### 2.3. Other hazards

The product does not meet the PBT and vPvB classification criteria.  
Endocrine disrupting properties: None known.

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

**Ingredient comments:** Monomer ethylene REACH Registration number: 01-2119462827-27-0130

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

**Inhalation:** Seek fresh air. Seek medical advice in case of persistent discomfort.

**Ingestion:** Not an expected route of exposure.

**Skin contact:** Wash skin with soap and water. In case of irritation: Get medical advice/attention. Exposure to molten product may cause thermal burns. In case of contact with molten product, cool skin under ice water. Do not attempt to remove molten product from the skin.

**Eye contact:** Flush with water (preferably using eye wash equipment) until irritation subsides. Seek medical advice if symptoms persist.

**General:** When obtaining medical advice, show the safety data sheet or label.

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

May cause slight irritation to the skin and eyes. Inhalation of dust is irritating to the upper airways.

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

Treat symptoms.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable extinguishing media:** Extinguish with powder, foam, carbon dioxide or water mist. Use water or water mist to cool non-ignited stock.

**Unsuitable extinguishing media:** Do not use water stream, as it may spread the fire.

### 5.2. Special hazards arising from the substance or mixture

Heating will induce a significant increase in pressure with a risk of bursting. The product decomposes when combusted and the following toxic gases can be formed: Carbon monoxide and carbon dioxide/ Acrolein/ Formaldehyde Risk of dust explosion.

### 5.3. Advice for firefighters

Wear Self-Contained Breathing Apparatus (SCBA) with chemical resistant gloves.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**For non-emergency personnel:** Avoid inhalation/keep a distance. Do not breathe dust. Provide good ventilation.



# Safety Data Sheet

## EGYPTENE

Issued: 12/5/2023  
Version: 1.0.0

Avoid contact with the molten product.

**For emergency responders:** In addition to the above: Normal protective clothing equivalent to EN 469 is recommended.

### 6.2. Environmental precautions

Prevent spillage from entering drains and/or surface water.

### 6.3. Methods and material for containment and cleaning up

Sweep up/collect spills for possible reuse or transfer to suitable waste containers.

### 6.4. Reference to other sections

See section 8 for type of protective equipment.  
See section 13 for instructions on disposal.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Avoid formation of dust. Smoking and naked flames prohibited. Work processes where generation of dust may occur must be performed under effective process ventilation (e.g. local exhaust ventilation). Running water and eye wash equipment should be available. Wash hands before breaks, before using restroom facilities, and at the end of work.

### 7.2. Conditions for safe storage, including any incompatibilities

Keep in tightly closed original packaging. Store in a cool, dry place. Store in a well-ventilated area. The product should be stored safely out of reach of children and not together with food, feed, medicine and the like. Do not store with the following:  
Strong oxidisers/ organic solvents

### 7.3. Specific end use(s)

None.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

**Occupational exposure limit:** Contains no substances subject to reporting requirements.

**Measuring methods:** Compliance with occupational exposure limits may be checked by occupational hygiene measurements.

### 8.2. Exposure controls

**Appropriate engineering controls:** Wear the personal protective equipment specified below.

**Personal protective equipment, eye/face protection:** Wear safety goggles if there is a risk of dust contact with eyes. Eye protection must conform to EN 166.

**Personal protective equipment, hand protection:** Wear protective gloves which protect against contact and splashing from hot/molten product. Gloves must conform to EN 374. The suitability and durability of a glove is dependant on usage, e.g. frequency and duration of contact, glove material thickness, functionality and chemical resistance. Always seek advice from the glove supplier.

**Personal protective equipment, respiratory protection:** Ear respiratory protective equipment with P2 filter when performing dusty work. Respiratory protection must conform to one of the following standards: EN 136/140/145.

**Environmental exposure controls:** Ensure compliance with local regulations for emissions.



# Safety Data Sheet

## EGYPTENE

Issued: 12/5/2023  
Version: 1.0.0

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Parameter	Value/unit
State	Solid substance
Colour	Whitish
Odour	Odourless
Solubility	Insoluble

Parameter	Value/unit	Remarks
Odour threshold	No data	
Melting point	125 - 145 °C	
Freezing point	No data	
Initial boiling point and boiling range	≥ 300 °C	decomposition occurs
Flammability (solid, gas)		combustable
Flammability limits	No data	
Explosion limits	30 g/m <sup>3</sup>	(mean particle size: 90 µm)
Flash Point	No data	
Auto-ignition temperature	No data	
Decomposition temperature	≥ 300 °C	
pH (solution for use)	No data	
pH (concentrate)	No data	
Kinematic viscosity	No data	
Viscosity	No data	
Partition coefficient n-octanol/water	No data	
Vapour pressure	No data	
Density	480 - 560 kg/m <sup>3</sup>	pellet (bulk)
Relative density	910 - 960	
Vapour density	No data	
Relative density (sat. air)	No data	
Particle characteristics	No data	

#### 9.2. Other information

Parameter	Value/unit	Remarks
Explosive properties		Non-explosive
Oxidising properties		Non-oxidising.
Density	300-320 kg/m <sup>3</sup>	powder (bulk)
Ignition temperature	> 350 °C	

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Reacts with the following: Strong oxidisers/ Organic solvents.

#### 10.2. Chemical stability

Stable at room temperature. The substance is stable when used in accordance with the supplier's directions.

#### 10.3. Possibility of hazardous reactions



# Safety Data Sheet

## EGYPTENE

Issued: 12/5/2023  
Version: 1.0.0

None known.

### 10.4. Conditions to avoid

Do not expose to heat (e.g. sunlight). No smoking

### 10.5. Incompatible materials

Strong oxidisers. Organic solvents.

### 10.6. Hazardous decomposition products

Carbon monoxide and carbon dioxide. Acrolein, Formaldehyde.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

<b>Acute toxicity - oral:</b>	The product does not have to be classified. Test data are not available.
<b>Acute toxicity - dermal:</b>	The product does not have to be classified. Test data are not available.
<b>Acute toxicity - inhalation:</b>	The product does not have to be classified. Test data are not available.
<b>Skin corrosion/irritation:</b>	May cause slight irritation. The product does not have to be classified. Test data are not available.
<b>Serious eye damage/eye irritation:</b>	May cause eye irritation. The product does not have to be classified. Test data are not available.
<b>Respiratory sensitisation or skin sensitisation:</b>	The product does not have to be classified. Test data are not available.
<b>Germ cell mutagenicity:</b>	The product does not have to be classified. Test data are not available.
<b>Carcinogenic properties:</b>	The product does not have to be classified. Test data are not available.
<b>Reproductive toxicity:</b>	The product does not have to be classified. Test data are not available.
<b>Single STOT exposure:</b>	The product does not have to be classified. Test data are not available.
<b>Repeated STOT exposure:</b>	The product does not have to be classified. Test data are not available.
<b>Aspiration hazard:</b>	The product does not have to be classified. Test data are not available.

### 11.2. Information on other hazards

**Endocrine disrupting properties:** None known.

**Other toxicological effects:** None known.

## SECTION 12: Ecological information

### 12.1. Toxicity

Based on existing data, the classification criteria are deemed not to have been met.



# Safety Data Sheet

## EGYPTENE

Issued: 12/5/2023  
Version: 1.0.0

### 12.2. Persistence and degradability

Non-biodegradable.

### 12.3. Bioaccumulative potential

Test data are not available.

### 12.4. Mobility in soil

Test data are not available.

### 12.5. Results of PBT and vPvB assessment

The product does not meet the PBT and vPvB classification criteria.

### 12.6. Endocrine disrupting properties

None known.

### 12.7. Other adverse effects

None known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Avoid discharge to drain or surface water. Do not discharge large quantities of concentrated spills and residue into drains. Avoid unnecessary release to the environment. If this product as supplied becomes a waste, it meets the criteria of a hazardous waste (Dir. 2008/98/EU). Collect spills and waste in closed, leak-proof containers for disposal at the local hazardous waste site. Empty, cleansed packaging should be disposed of for recycling.

**Category of waste:** EWC code: Depends on line of business and use, for instance 16 01 19 plastic Absorbent/cloth contaminated with the product: 15 02 03 absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02

## SECTION 14: Transport information

**14.1. UN number or ID number:** Not applicable.

**14.2. UN proper shipping name:** Not applicable.

**14.3. Transport hazard class(es):** Not applicable.

**14.4. Packing group:** Not applicable.

**14.5. Environmental hazards:** Not applicable.

### 14.6. Special precautions for user

None.

### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable.

## SECTION 15: Regulatory information

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

**Authorisations / limitations:** is not on the REACH Candidate List



# Safety Data Sheet

## EGYPTENE

Issued: 12/5/2023  
Version: 1.0.0

is not on the REACH Annex XIV List  
No REACH Annex XVII restrictions

### 15.2. Chemical Safety Assessment

**Other Information:** A chemical safety assessment has been carried out.

### SECTION 16: Other information

#### Version history and indication of changes

Version	Revision date	Responsible	Changes
1.0.0	12/5/2023	BUREAU VERITAS / GG	

#### Abbreviations:

PBT: Persistent, Bioaccumulative and Toxic  
vPvB: Very Persistent and Very Bioaccumulative  
DNEL: Derived No Effect Level  
STOT: Specific Target Organ Toxicity  
PNEC: Predicted No Effect Concentration

#### References to literature and data sources:

ECHA reg. sub.: ECHA database for information on registered substances.

#### Other Information:

This safety data sheet has been prepared for and applies to this product only. It is based on our current knowledge and the information that the supplier was able to provide about the product at the time of preparation. The safety data sheet complies with applicable law on preparation of safety data sheets in accordance with 1907/2006/EC (REACH) as subsequently changed.

#### Training advice:

A thorough knowledge of this safety data sheet should be a prerequisite condition.

#### Classification method:

Calculation based on the hazards of the known components.

#### SDS is prepared by

Company: BVGH GG EU  
Country: DENMARK

**Country:** EU