

## SAFETY DATA SHEET

### 1. Identification of the substance and of the supplier

**Product identifiers**

Product name : Minerene  
Product code : CAE153

**Relevant identified uses of the substance or mixture and uses advised against**

Identified uses : For general plastic industries. Keep away from flame.

### 2. Hazards Identification

**Classification of the substance or mixture**

Not Classified

**Label elements**

: None

**Signal word**

: None

**Hazard statement**

: None

**Precautionary statement(s)**

: Avoid breathing.  
Wear personal protective equipment.  
Wash hands thoroughly after handling.  
Do not eat, drink or smoke during use.  
Keep away from heat, flame, sparks, moisture, sunlight and incompatible materials.  
Keep container tightly.  
If on skin: Wash with plenty of soap and water.  
If in eye: Rinse cautiously with water for several minutes.  
Remove contact lenses, if present and easy to do. Continue rinsing.

**Hazards not otherwise classified**

: None

### 3. Composition/ Information on Ingredients

No.	Ingredient	CAS No.	Content (%)
1	Resin	25087-34-7	25-30
2	Calcium Carbonate	1317-65-3	73-77

### 4. First Aid Measures

**Description of first aid measures****Inhalation**

: Move to fresh air. If breathing is difficult, give oxygen. Get medical attention immediately if symptoms occur.

**Skin contact**

: Wash with plenty of soap and water.

**Eye contact**

: Immediately flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. Get medical attention.

**Ingestion**

: Rinse mouth.

**Most important symptoms and effects, both acute and delayed**

Skin, eye and respiratory irritation

**Indication of any immediate medical attention and special treatment needed**

Treat symptomatically

## 5. Fire Fighting Measures

### Extinguishing media

#### Suitable extinguishing media:

In case of fire: Use a fire fighting agent suitable for ordinary combustible material to extinguish.

#### Unsuitable extinguishing media:

Do not use a heavy water stream.

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

Carbon Monoxide and Carbon Dioxide

#### Special protective equipment and precautions for fire-fighters

Wear self-contained breathing apparatus, SCBA, and full protective gear.

## 6. Accidental Release Measure

### Personal precautions, protective equipment and emergency procedures

Beware of slipping hazard. Use personal protective equipment: Mask, safety shoes and gloves.

### Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

### Methods and materials for containment and cleaning up

Wear gloves and safety shoes. Sweep up spillage and collect in a sealed container for disposal.

## 7. Handling and Storage

### Precautions for safe handling

Avoid dust formation. Use only in a well-ventilated area. Wear protective gear such as goggles, gloves, travel protection devices, particle filters. Eyes, respiratory and skin.

### Conditions for safe storage, including any incompatibilities

Keep container tightly closed and away from heat, sparks and incompatible materials. Store in cool, dry well-ventilation place. Protect from sunlight.

## 8. Exposure Controls/ Personal Protection

### Control parameters

Components	CAS No.	OSH (PEL)	NIOSH (REL)	ACGIH (TLV)
Calcium Carbonate	1317-65-3	TWA 15 mg/m <sup>3</sup>	TWA 10 mg/m <sup>3</sup>	TWA 10 mg/m <sup>3</sup>

### Appropriate engineering controls

: Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant exposure limits.

### Personal protective equipment

Respiratory protection

: Dust mask

Eye protection

: Chemical goggles or safety glasses

Hand Protection

: Protective gloves

Skin protection

: Wear suitable protective clothing.

Work/ Hygienic Practices:

: Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/ or smoking. Routinely wash work clothing

and protective equipment to remove contaminants. Do not eat, drink or smoke during use.

## 9. Physical and Chemical Properties

1. Appearance	: Solid
2. Odour	: Specific odour
3. Odour Threshold	: Not Applicable
4. pH	: Not Applicable
5. Melting point/freezing point	: No data available
6. Initial boiling point and boiling range	: Not Applicable
7. Flash point	: No data available
8. Evaporation rate	: Not Applicable
9. Flammability (solid, gas)	: No data available
10. Upper/lower flammability or explosive limits	: No data available
11. Vapour pressure	: No data available
12. Vapour density	: No data available
13. Relative density	: 1.80
14. Water solubility	: Not soluble
15. Partition coefficient: octanol/water log Pow	: No data available
16. Auto ignition temperature	: No data available
17. Decomposition temperature	: No data available
18. Viscosity	: Not Applicable

## 10. Stability and Reactivity

Reactivity	: No data available
Chemical stability	: Stable under recommended storage conditions.
Possibility of hazardous reactions	: May cause polymerization.
Conditions to avoid	: Heat, flame, spark, moisture and sunlight
Incompatible materials	: Acids
Hazardous decomposition products	: Calcium Oxide And Carbon Dioxide

## 11. Toxicological Information

### Information on the likely routes of exposure

Inhalation	: Slightly cause nose and throat irritation.
Skin contact	: Slightly cause skin irritation.
Eye contact	: Slightly cause eyes irritation.
Ingestion	: Cause stomach irritation.

### Symptoms related to the physical, chemical and toxicological characteristics;

May cause redness eye and rash skin

### Delayed and immediate effects and also chronic effects from short and long term exposure;

Immediate effects	: Irritation to respiratory, skin and eye
Chronic effects	: Respiratory effect

### Numerical measures of toxicity

Classification of Health Hazards

Acute toxicity estimate	: Not classified
Skin corrosion / irritation	: No components expected to cause skin corrosion / irritation
Serious eye damage/eye irritation	: No components expected to cause serious eye damage/eye irritation
Respiratory or skin sensitization	: No components expected to cause respiratory or skin sensitization.

<b>Germ cell mutagenicity</b>	: No components expected to cause mutagenic effect.
<b>Carcinogenicity</b>	: No components expected to cause cancer.
<b>Reproductive toxicity</b>	: No components expected to cause reproductive effect.
<b>Specific target organ toxicity - single exposure</b>	: No components expected to cause specific target organ toxicity - single exposure.
<b>Specific target organ toxicity - repeated exposure</b>	: No components expected to cause specific target organ toxicity - repeated exposure.
<b>Aspiration hazard</b>	: No data available

## 12. Ecological Information

<b>Eco toxicity</b>	
<b>Acute aquatic toxicity</b>	: No data available
<b>Long term aquatic toxicity</b>	: No data available
<b>Persistence and degradability</b>	: No data available
<b>Bio accumulative potential</b>	: No data available
<b>Mobility in soil</b>	: Accumulation in soil
<b>Other adverse effects</b>	: No data available

## 13. Disposal Considerations

<b>Waste treatment methods</b>	: Dispose in a safe manner in accordance with local/national regulations.
<b>Contaminated packaging</b>	: Dispose in a safe manner in accordance with local/national regulations.

## 14. Transport Information

<b>UN number</b>	: No data available
<b>UN proper shipping name</b>	: No data available
<b>Transport hazard class (es)</b>	: No data available
<b>Packaging group</b>	: No data available
<b>Environmental hazards</b>	: No data available
<b>Transport in bulk</b>	: No data available
<b>Special precautions for user</b>	: No data available

## 15. Regulatory Information

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

None of ingredients is listed in Notification of the Ministry of Industry on Hazardous Substance List 2556 (5.1).

### Chemical Safety Assessment

None of ingredients is listed in Notification of Department of Labour Protection and Welfare on Hazardous Substance List 2556.

## 16. Other Information

**Created:** June 13, 2016

### **Sources:**

1. International Programme on Chemical Safety (IPCS): Chemical Safety Information from Intergovernmental Organizations (INCHEM)  
<http://www.inchem.org/>
2. Hazardous Substances Data Bank (HSDB)  
<https://www.toxnet.nlm.nih.gov/>
3. Chemical Classification and Information Database (CCID)  
<http://www.epa.govt.nz/Pages/default.aspx>
4. Occupational Safety & Health Administration (OSHA)  
<http://www.osha.gov/dts/chemicalsampling/toc/chmcas.html>
5. National Institute of Technology and Evaluation (NITE)  
[http://www.safe.nite.go.jp/english/ghs/all\\_fy\\_e.html](http://www.safe.nite.go.jp/english/ghs/all_fy_e.html)
6. Notified classification and labelling according to CLP criteria  
<https://echa.europa.eu/-/six-new-substances-added-to-the-candidate-list>