

SAFETY DATA SHEET

1. Identification of the substance and of the supplier

Product identifiers

Product name : Minerene
Product code : CAE152

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)

: 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	Calcium Carbonate	1317-65-3	80-90
2	Resin	25087-34-7	10-20

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 ³	TWA 10 mg/m ³	TWA 10 mg/m ³

Personal protective equipment

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

a) Appearance	: Solid
b) Odour	: Specific odour
c) Odour Threshold	: Not Applicable
d) pH	: Not Applicable
e) Melting point/freezing point	: No data available
f) Initial boiling point and boiling range	: Not Applicable
g) Flash point	: No data available
h) Evaporation rate	: Not Applicable
i) Flammability (solid, gas)	: No data available
j) Upper/lower flammability or explosive limits	: No data available
k) Vapour pressure	: No data available
l) Vapour density	: No data available
m) Relative density	: 2.01
n) Water solubility	: Not soluble
o) Partition coefficient: noctanol/water log Pow	: No data available
p) Auto ignition temperature	: No data available
q) Decomposition temperature	: No data available
r) 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.
Germ cell mutagenicity	: No components expected to cause mutagenic effect.
Carcinogenicity	: No components expected to cause cancer.
Reproductive toxicity	: No components expected to cause reproductive effect.
Specific target organ toxicity - single exposure	: No components expected to cause specific target organ toxicity - single exposure.
Specific target organ toxicity - repeated exposure	: No components expected to cause specific target organ toxicity - repeated exposure.
Aspiration hazard	: No data available

12. Ecological Information

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

13. Disposal Considerations

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

14. Transport Information

UN number	: No data available
UN proper shipping name	: No data available
Transport hazard class (es)	: No data available
Packaging group	: No data available
Environmental hazards	: No data available
Transport in bulk	: No data available
Special precautions for user	: 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: December 02, 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
6. Notified classification and labelling according to CLP criteria
<https://echa.europa.eu/-/six-new-substances-added-to-the-candidate-list>