

MATERIAL SAFETY DATA SHEET

PRODUCT – ROSE CRYSTAL

1. Chemical Product and Company Identification

Product Identifiers: Rose Crystals 6216

Product Name : Rose Crystal

Product Code :

MSDS No :

Synonyms : Trichloro-phenylmethyl carbonyl acetate **CAS No. :** 90-17-5

Molecular Weight : 267

Chemical Formula : C₁₀H₉O₂Cl₃

EC number :

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

Identified uses : Fragrances

Details of the supplier of the safety data sheet:

COCREATE GLOBAL TECHNOLOGIES PRIVATE LIMITED

U21009KA2023PTC179006

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2. Hazards Identification

Classification of the substance or mixture:

Class and category of danger:

Skin Corrosion / Irritation Category 2

Hazardous to the Aquatic Environment - Long-term Hazard Category 3

H315, Causes skin irritation.

H412, Harmful to aquatic life with long lasting effects.

Label Elements:

Signal Word Warning



H315 Causes skin irritation.

H412 Harmful to aquatic life with long lasting effects.

Precautionary Phrases:

P264, Wash hands and other contacted skin thoroughly after handling.

P273, Avoid release to the environment.

P280, Wear protective gloves/eye protection/face protection.

P302/352, IF ON SKIN: Wash with plenty of soap and water.

P332/313, If skin irritation occurs: Get medical advice/attention.

P362, Take off contaminated clothing and wash before reuse.

P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.

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Other hazards: None

3. Composition and Information on Ingredients

Product Name : Rose Crystal

Synonyms : Bubblegum pink, Carolina pink, Jellyfish pink **CAS No. :** 90-17-5

Molecular Weight : 268

Chemical Formula : $C_{10}H_9O_2Cl_3$

EC number :

4. First Aid Measures

Description of first aid measures

General advice:

If inhaled: Remove from exposure site to fresh air, keep at rest, and obtain medical attention

In case of skin contact: Wash off with plenty of soap and plenty of water.

case of eye contact: Rinse thoroughly with plenty of water for at least 15 minutes. Contact a physician if symptoms persist.

If swallowed: Rinse mouth with water and obtain medical attention.

Most important : The most important known symptoms and effects, both acute and delayed causes skin irritation.

5. Fire and Explosion Data

Extinguishing media

Suitable extinguishing media: Carbon dioxide, dry chemical, foam

Special hazards arise from the substance or mixture:

In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.

Advice for firefighters: In case of insufficient ventilation, wear suitable respiratory equipment.

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6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

Environmental precautions

Keep away from drains, surface and ground water, and soil.

Methods and materials for containment and cleaning up

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations

Reference to other sections

Also refer to section 8 and 13.

7. Handling and Storage

Precautions for safe handling

Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Use personal protective equipment as required. Use in accordance with good manufacturing and industrial hygiene practices. Use in areas with adequate ventilation Do not eat, drink or smoke when using this product.

Conditions for safe storage, including any incompatibilities.

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

Specific end use(s)

Fragrances: Use in accordance with good manufacturing and industrial hygiene practices

Training Hints:

Make sure that workers are aware of the danger and risk according to this safety data sheet.

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8. Exposure Controls/Personal Protection

Control parameters

Workplace exposure limits:

Not Applicable

Exposure controls:

Eye/Skin Protection

Wear protective gloves/eye protection/face protection

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Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Respiratory protection

Under normal conditions of use and where adequate ventilation is available to prevent build up of excessive vapour, this material should not require special engineering controls. However, in conditions of high or prolonged use, or high temperature or other conditions which increase exposure, the following engineering controls can be used to minimise exposure to personnel: a) Increase ventilation of the area with local exhaust ventilation. b) Personnel can use an approved, appropriately fitted respirator with organic vapour cartridge or canisters and particulate filters. c) Use closed systems for transferring and processing this material.

Control of environmental exposure

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

9. Physical and Chemical Properties

- a) Information on basic physical and chemical properties
- b) Appearance: delicate pink color, which ranges from very light (almost white) to medium-dark.
- c) Physical state:
- d) Form:
- e) Odor : Rose, Powdery, Balsamic
- f) pH : No data available.
- g) Melting point/freezing point : No data available.
- h) Boiling point : 350.98°C.
- i) Flash point : > 100°C
- j) Upper/lower flammability or explosive limits
- k) Flammability limit – lower : No data available. (%)
- l) Flammability limit – upper : No data available. (%)
- m) Explosive limit - lower (%) : No data available.
- n) Explosive limit - upper (%) : No data available.
- o) Vapor pressure : 0.13 Pa @ 25.00 °C
- p) Solubility (water) : Not highly soluble
- q) Auto-ignition temperature : No data available.
- r) Decomposition temperature : No data available
- s) Viscosity : No data available
- t) Molecular formula : $C_{10}H_9O_2Cl_3$
- u) Molecular weight : 267
- v) Specific gravity : 1.3807 (estimate)
- w) Refractive Index : NA

10. Stability and Reactivity

Reactivity

Presents no significant reactivity hazard, by itself or in contact with water.

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Chemical stability

Good stability under normal storage conditions.

Possibility of hazardous reactions

Not expected under normal conditions of use.

Conditions to avoid.

Extreme Heat

Incompatible materials

Oxidizing agents, Strong acids, Alkalis,

Hazardous decomposition products

Not expected

11. Toxicological Information

Acute Toxicity:

Acute oral toxicity: Not applicable

Acute inhalation toxicity: No Data Available

Acute dermal toxicity: Not available

Skin corrosion/irritation: Skin corrosion/irritation category 2

12. Ecological information

Acute aquatic toxicity: Harmful with long lasting effects

Persistence and degradability: No data available.

Bio concentration Factor: No data available.

Mobility in soil: No data available.

Results of PBT and vPvB assessment: Not determined.

Other adverse effects: Do not allow the material to enter streams, sewers or other waterways.

13. Disposal considerations

Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

Hazardous waste code: Not established.

14. Transport information

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UN number

UN proper shipping name

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

Transport hazard class(es)

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

Packaging group

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

Environmental hazards

ADR/RID: No

IMDG: No

IATA: No

Special precautions for user

No data available

15.Regulatory information

None additional

16.Other information

Scimplify cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage, and disposal of the product, and to assume liability for loss, injury, damage, or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available. The above information relates only to this product and not to its use in combination with any other material or any process and is designed only as guidance for the safe handling, use, processing, storage, transportation, disposal, and should not be considered as a guarantee or quality specification. The above information is based on data provided by and collected from recognized sources such as distributors, manufacturers, and technical groups and is accurate to the best of Scimplify knowledge as of the date of this document. It is the responsibility of the user to review all safety information about this product and determine its safety and suitability in their own processes and operations. Appropriate warnings and safe handling procedures

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should be provided to all handlers and users, considering the intended use and the specific conditions and factors relating to such use in accordance with all applicable laws and regulations.