

 FFK Towers, #445, 2nd Floor, 17th Cross Road, Sector 4, HSR Layout, Bangalore, Bangalore South, Karnataka - 560102, India.	Material Safety Data Sheet
Product Name	ROSE OXIDE 70:30
Effective Date: 28/08/2023	Revised Date: 27/08/2024

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

1.1 Product identifier:

Product Name : ROSE OXIDE

Product Code : SCIF002

Chemical Name : Tetrahydro-4-methyl-2-(2-methylprop-1-enyl)pyran

CAS Number : 16409-43-1

EINECS Number : 240-457-5

FEMA : NA

Reach Registration No. : N/A

1.2 Relevant identified uses of the substance or mixture:

Raw material used as Chemical, Chemical for detergents, Chemical for soaps, detergents and cosmetic.

1.3 Details of the supplier of the safety data sheet:

COCREATE GLOBAL TECHNOLOGIES PRIVATE LIMITED

U21009KA2023PTC179006

Registered address: FFK Towers, #445, 2nd Floor, 17th Cross Road, Sector 4, HSR Layout, Bangalore, Bangalore South, Karnataka - 560102, India.

Email: sales@scimplify.com

Website: www.scimplify.com

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

Flam. Liq. 4 Flammable liquids

Skin Corr./Irrit. 2 Skin corrosion/irritation

Eye Dam./Irrit. 2A Serious eye damage/eye irritation

Repr. 2 (fertility) Reproductive toxicity

Aquatic Acute 3 Hazardous to the aquatic environment - acute

2.2 Label elements

Pictogram:





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Signal word: Warning

Hazard statements:

Combustible liquid, Causes serious eye irritation, Causes skin irritation, May be harmful if swallowed, Suspected of damaging fertility, Harmful to aquatic life.

Precautionary statements:

Prevention Avoid release to the environment.

Response Call a POISON CENTER/doctor if you feel unwell.

Spillage Storage Store away from incompatible materials.

Disposal Dispose of contents and container to hazardous or special waste collection point.

2.3 Other hazards

None reasonably foreseeable.

SECTION 3: Composition/Information on ingredients

3.1 Substances:

Chemical Name : Tetrahydro-4-methyl-2-(2- methylprop-1-enyl)pyran

CAS Number : 16409-43-1

Molecular Weight : 154.25

Formula : C₁₀H₁₈O₂

Concentration Range : Isomer A 65% - 75 %

Isomer B 25% - 35%

SECTION 4: First aid measures

4.1 Description of first aid measures

Consumption : Rinse mouth with water and obtain medical advice.

Eye contact : Remove contact lenses, if present and easy to do. Get medical attention if irritation develops and persists. Promptly wash eyes with plenty of water while lifting the eye lids.

Inhalation : If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. For breathing difficulties, oxygen may be necessary. Call a physician if symptoms develop or persist.



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Skin Contact: Take off immediately all contaminated clothing. Get medical attention if irritation develops and persists. Wash skin thoroughly with soap and water for several minutes.

4.2 Most important symptoms and effects, both acute and delayed:

Symptoms : No information available.

Risks : No information available.

4.3 Indication of any immediate medical attention and special treatment needed: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

SECTION 5: Firefighting measures

5.1 Extinguishing media:

media : Water spray, fog, CO₂, dry chemical, or

Suitable extinguishing : Do not use a solid water stream as it may scatter and spread fire.

Unsuitable extinguishing media
alcohol resistant foam.

5.2 Special hazards arising from the substance or mixture:

Specific hazards during firefighting : Water may be ineffective.

5.3 Advice for firefighters:

Further information : Standard procedure for chemical fires

5.4 Further information:

Use water spray to cool unopened containers.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures: Avoid



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inhalation and contact with skin and eyes. A self-contained breathing apparatus is recommended in case of a major spill.

6.2 Environmental precautions:

Keep away from drains, surface- and groundwater and soil.

6.3 Methods and material for containment and cleaning up:

Clean up spillage promptly. Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Gross spillages should be contained by use of sand or inert powder and disposed of according to the local regulations.

SECTION 7: Handling and storage**7.1 Precautions for safe handling:**

Avoid excessive inhalation of concentrated vapors. Follow good manufacturing practices for housekeeping and personal hygiene. Wash any exposed skin immediately after any chemical contact, before breaks and meals, and at the end of each work period. Contaminated clothing and shoes should be thoroughly cleaned before re-use.

If appropriate, procedures used during the handling of this material should also be used when cleaning equipment or removing residual chemicals from tanks or other containers, especially when steam or hot water is used, as this may increase vapor concentrations in the workplace air. Where chemicals are openly handled, access should be restricted to properly trained employees.

Keep all heated processes at the lowest necessary temperature in order to minimize emissions of volatile chemicals into the air.

Keep away from ignition sources and naked flame.

7.2 Conditions for safe storage, including any incompatibilities:

Store in a cool, dry, well ventilated area away from heat sources. Keep containers upright and tightly closed when not in use.

7.3 Specific end use(s): No data available.**SECTION 8: Exposure controls/personal protection****8.1 Control parameters**

Contains no substances with occupational exposure limit values.

8.2 Exposure controls**Appropriate engineering controls**

Use explosion-proof ventilation equipment to stay below exposure limits. Adequate ventilation



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should be provided so that exposure limits are not exceeded.

Personal protective equipment

Eye/face protection

Use tight-fitting goggles, face shield or safety glasses with sideshields if eye contact might occur.

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection

Impervious clothing, Flame retardant antistatic protective clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Respiratory protection not required. If ventilation is insufficient, suitable respiratory protection must be provided.

Control of environmental exposure

Keep away from drains, surface- and groundwater and soil.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties:

Appearance : Clear Liquid

Color : Colorless

Odor : Green, Vegetable floral, Herbal, Camphoreous, spicy Refractive index : 1.453 – 1.457 at 20°C

Flash point : 69.44°C

Boiling Point : 86.00°C @ 20 mm Hg

Additional information : Not Available

SECTION 10: Stability and Reactivity

10.1 Reactivity:



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No hazardous reactions if stored and handled as prescribed/indicated.

10.2 Chemical stability:

The product is stable if stored and handled as prescribed/indicated.

10.3 Possibility of hazardous reactions:

No hazardous reactions if stored and handled as prescribed/indicated.

10.4 Conditions to avoid:

Avoid temperatures exceeding the flash point. Contact with incompatible materials.

10.5 Incompatible materials:

Avoid contact with strong acids, alkali or oxidizing agents.

10.6 Hazardous decomposition products:

No hazardous decomposition products if stored and handled as indicated.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity: Of low toxicity after single ingestion. Virtually nontoxic after a single skin contact.

Skin corrosion/irritation:

May be harmful in contact with skin.

Serious eye damage/eye irritation:

Direct contact with eyes may cause temporary irritation.

Respiratory or skin sensitization:

Skin sensitizing effects were not observed in animal studies.

Germ cell mutagenicity:

No mutagenic effect was found in various tests with bacteria and mammalian cell culture. The substance was not mutagenic in a test with mammals.

Carcinogenicity:

No data available.

Reproductive toxicity:



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May cause reproductive effects. The substance may cause damage to the testes after repeated ingestion of high doses, as shown in animal studies.

Specific target organ toxicity - single exposure:

No data available.

Specific target organ toxicity - repeated exposure:

No data available.

Aspiration hazard:

No data available.

SECTION 12: Ecological information

12.1 Toxicity:

Toxic to aquatic life with long lasting effects.

12.2 Persistence and degradability:

No data available.

12.3 Bioconcentration factor:

No data available.

12.4 Mobility in soil:

No data available.

12.5 Results of PBT and vPvB assessment:

No data available.

12.6 Other adverse effects:

No data available.

SECTION 13: Disposal consideration

13.1 Waste treatment methods:

Container disposal :Container must be disposed of as hazardous waste. Do not reuse empty containers. Dilute the remaining material and neutralize.

Empty residue into a suitable disposal site.

Disposal conditions :Dispose of in accordance with all state and local environmental regulations. This material and its container must be disposed of in a safe way.



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SECTION 14: Transport information

International carriage of Dangerous goods by road (ADR)

UN Number : 1993

Proper Shipping Name : ROSE OXIDE

Packing Group : III

Class : ---

Sea transport (IMDG)

UN Number : 1993

Proper Shipping Name : ROSE OXIDE

Packing Group : III

Class : ---

Marine Pollutant : NO

Air transport (ICAO/IATA)

UN Number : 1993

Proper Shipping Name : ROSE OXIDE

Packing Group : III

Class : ---

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislations specific for the substance or mixture:

This safety datasheet complies with the requirements of Regulation (EC).

15.2 Chemical safety assessment:

For this product a chemical safety assessment was not carried out

SECTION 16: Other information

The information contained in the present MSDS, according to regulation based on our knowledge and experience at the moment of publishing it. This document tries to give information about the correct use, storage and transport.

Bearing in mind that the use of this information and the conditions of use of the product are not under control COCREATE GLOBAL TECHNOLOGIES PRIVATE LIMITED . provides the information contained herein in a good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate



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precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose and take the responsibility for observing existing laws and regulations.