

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: info@scimplify.com

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MATERIAL SAFETY DATA SHEET

PRODUCT – SCLOROL

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

1.1 Product identifier:

Product Name : SCLOROL

Product Code : SCIF005

Chemical Name : 4-methyl-2-(2-methylpropyl)oxan-4-ol **CAS Number :**
63500-71-0

EINECS Number : 405-040-6

FEMA : - NA

1.2 Relevant identified uses of the substance or mixture:

Raw material used in Fragrance preparations.

1.3 Details of the supplier of the safety data sheet:

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SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

No data available

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2.2 Label elements

Pictogram: N/A

Signal word: N/A

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bio accumulative and toxic (PBT), or very persistent and very bio accumulative (vPvB) at levels of 0.1% or higher.

SECTION 3: Composition/Information on ingredients

3.1 Substances:

Chemical Name : 4-methyl-2-(2-methylpropyl)oxan-4-ol

CAS Number : 63500-71-0

EINECS Number : 405-040-6

Molecular Weight : 172.26

Formula : C₁₀ H₂₀ O₂

Concentration Range : 97 – 100 %

SECTION 4: First aid measures

4.1 Description of first aid measures

Consumption : If swallowed, rinse mouth with water (only if the person is conscious). Do not induce vomiting. If vomiting occurs, the head should be kept low

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so that stomach vomit doesn't enter the lungs. Call physician immediately.

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.

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 data available

4.3 Indication of any immediate medical attention and special treatment needed No data available.

SECTION 5: Firefighting measures

5.1 Extinguishing media:

Suitable extinguishing media : Water spray, fog, CO₂, dry chemical, or alcohol resistant foam

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

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5.2 Special hazards arising from the substance or mixture:

Fire may produce irritating, corrosive and/or toxic gases.

5.3 Advice for firefighters:

Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Structural firefighters protective clothing will only provide limited protection. Wear self-contained breathing apparatus with a full facepiece operated in the positive pressure demand mode when fighting 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:

Eliminate all sources of ignition. Avoid contact with skin or inhalation of spillage, dust or vapor. Keep unnecessary personnel away. Avoid contact with skin or inhalation of spillage, dust or vapor.

Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Eliminate all sources of ignition.

6.2 Environmental precautions:

Retain and dispose of contaminated wash water. Avoid release to the environment. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water.

6.3 Methods and material for containment and cleaning up:

Collect and dispose of spillage as indicated in section 13 of the SDS. Absorb with inert absorbent such as dry clay, sand or diatomaceous earth, commercial sorbents, or recover using pumps. Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Never return spills in



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original containers for re-use. This material and its container must be disposed of as hazardous waste. Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Prevent product from entering drains.

SECTION 7: Handling and storage

7.1 Precautions for safe handling:

Do not handle or store near an open flame, heat or other sources of ignition. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Avoid breathing vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Wash thoroughly after handling.

7.2 Conditions for safe storage, including any incompatibilities:

Keep container closed. Handle containers with care. Open slowly in order to control possible pressure release. Store in a cool, well-ventilated area.

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

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ventilation 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.

Splash contact Material: Nitrile rubber

Minimum layer thickness: 0.4 mm Break through time: 30 min

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.

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties:

Appearance : Colorless to pale yellow clear oily liquid

Color : Colorless to pale yellow

Odor : Fresh, soft and natural floral note

Specific gravity : 0.9480 to 0.9550 @ 20.00 °C

Refractive index : 1.4540 to 1.4590 @ 20.00 °C

Flash point : > 93.33 °C

Boiling Point : 225.00 °C @ 760 mm Hg

Vapour pressure : 0.006000 mmHg @ 25.00 °C

Additional information : Not Available

SECTION 10: Stability and Reactivity

10.1 Reactivity:

The product is stable and non-reactive under normal conditions of use, storage and transport.

10.2 Chemical stability:

Stable under normal conditions.

10.3 Possibility of hazardous reactions:

No dangerous reaction known under conditions of normal use.

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.

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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: Oral, LD50, Rat, > 5000 mg/kg OECD 401

Dermal, LD50, Rat, > 2000 mg/kg OECD 401

Skin corrosion/irritation:

Due to partial or complete lack of data the classification is not possible.

Irritation (dermal)(FHSA): non irritant @ 100%

Irritation (dermal)(HRIPT): non irritant @ 8%

Serious eye damage/eye irritation:

Causes serious eye irritation.

Irritation (ocular)(FHSA): irritant @ 100% May irritate eyes and skin

Respiratory or skin sensitization:

Due to partial or complete lack of data the classification is not possible.

Germ cell mutagenicity:

Mutagenicity (Salmonella Reversion)(OECD 471): no mutagenic

Mutagenicity (OECD 471): not mutagenic Due to partial or complete lack of data the classification is not possible.

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Carcinogenicity:

No data available.

Reproductive toxicity:

No data available.

Specific target organ toxicity - single exposure:

No data available.

Specific target organ toxicity - repeated exposure:

No data available.

Aspiration hazard:

Not an aspiration hazard

SECTION 12: Ecological information

12.1 Toxicity:

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Aquatic

Acute Crustacea EC50 Daphnia 803 mg/l, 48 hours OECD 202

Fish EC50 Fish 354 mg/l, 96 hours OECD 203

12.2 Persistence and degradability:

Readily biodegradability (OECD 301 C): Not biodegradable

12.3 Bioconcentration factor:

No data available.

12.4 Mobility in soil:

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No data available.

12.5 Results of PBT and vPvB assessment:

No data available

12.6 Other adverse effects:

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

SECTION 13: Disposal consideration

13.1 Waste treatment methods:

Container disposal : Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

Disposal conditions : Do not discharge into drains, water courses or onto the ground. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

SECTION 14: Transport information

UN number

UN proper shipping name

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods



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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

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) No. 405-040-6.

15.2 Chemical safety assessment:

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

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SECTION 16: Other information

The information contained in the present MSDS, according to regulation 1907/2006, is 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 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.