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
Website:www.scimplify.com

MATERIAL SAFETY DATA SHEET
PRODUCT – SCIOTOLE

1. Chemical Product and Company Identification

Product Identifiers: SCIOTOLE > 99%
Product Name : SCIOTOLE
Product Code :
MSDS No :
Synonyms : White or brownish crystalline solid **CAS No.** : 83-34-1
Molecular Weight : 131.17 g/mol
Chemical Formula : C_9H_9N
EC number : 201-471-7

Relevant identified uses of the substance or mixture and uses advised against
Identified uses : Industrial purpose, Manufacture of substances.

Details of the supplier of the safety data sheet:
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2. Hazards Identification

Classification of the substance or mixture:
H315 Skin Irrit. 2
H319 Eye Irrit. 2
H335 STOT SE 3
H411 Aquatic Chronic 2

Label Elements:
Signal Word Warning



H315 Causes skin irritation.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
H411 Toxic to aquatic life with long lasting effects

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Precautionary Phrases:

Precautionary statements - prevention

P273 Avoid release to environment
P280 Wear protective gloves/eye protection/face protection

Precautionary statements – response
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove + P338 contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 If eye irritation persists: Get medical advice/attention.

3. Composition and Information on Ingredients

Product Name : Skatole
Synonyms : White or brownish crystalline solid **CAS No.** : 83-34-1
Molecular Weight : 131.17 g/mol
Chemical Formula : C_9H_9N
EC number : 201-471-7

4. First Aid Measures

Description of first aid measures
General advice : Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.
If inhaled : Provide fresh air. In all cases of doubt, or when symptoms persist, seek medical advice. **In case of skin contact** : Rinse skin with water/shower. In case of skin irritation, consult a physician. **In case of eye contact** : Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart. In case of eye irritation consult an ophthalmologist.
If swallowed : Rinse mouth. Call a doctor if you feel unwell.
Most important symptoms and effects, both acute and delayed
Irritation, Cough, Dyspnoea

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5. Fire and Explosion Data

Extinguishing media
Suitable extinguishing media: co-ordinate firefighting measures to the fire surroundings! water, foam, dry extinguishing powder, ABC-powder
Unsuitable extinguishing media: Water jet
Special hazards arise from the substance or mixture: Combustible
Advice for firefighters: In case of fire and/or explosion do not breathe fumes. Do not allow firefighting water to enter drains or water courses. Fight fire with normal precautions from a reasonable distance. Wear self-contained breathing apparatus.
Hazardous combustion products: In case of fire may be liberated: Nitrogen oxides (NOx), Carbon monoxide (CO), Carbon dioxide (CO_2)

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes and clothes. Do not breathe dust.

Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it. If substance has entered a water course or sewer, inform the responsible authority.

Methods and materials for containment and cleaning up

Advice on how to contain a spil

Covering of drains. Take up mechanically.

Advice on how to clean up a spill

Take up mechanically. Control of dust.

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

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Reference to other sections
Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

7. Handling and Storage

Precautions for safe handling

Provision of sufficient ventilation. Avoid dust formation.

Measures to prevent fire as well as aerosol and dust generation

Removal of dust deposits.

Measures to protect the environment

Avoid release to the environment.

Advice on general occupational hygiene

Wash hands before breaks and after work. Keep away from food, drink and animal feedingstuffs.

Conditions for safe storage, including any incompatibilities.
Store in a dry place. Observe hints for combined storage. Use local and general ventilation. Recommended storage temperature: 15 – 25 °C

Specific end use(s)
NA

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

Personal protective equipment
Eye/face protection
Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

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 number of dangerous substances at the specific workplace.

Respiratory protection

Respiratory protection necessary at: Dust formation. Particulate filter device (EN 143). P2 (filters at least 94 % of airborne particles, colour code: White).

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 : White or brownish crystalline solid
c) Physical state : Solid
d) Form :
e) Odor : Floral Notes, Fecal Odor

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f) pH : No data available.
g) Melting point/freezing point : 95 – 97 °Ch) Boiling point : 265.00 to 266.00 °C. @ 755.00 mmHg
i) Flash point : 112.5°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 : 0.0153 mmHg @ 25.00 °C
p) Solubility (water) : Insoluble
q) Auto-ignition temperature : No data available.
r) Decomposition temperature : No data available
s) Viscosity : No data available
t) Molecular formula : C_9H_9N
u) Molecular weight : 131.17 g/mol
v) Specific gravity : NA
w) Refractive Index : 1.6070

10.Stability and Reactivity

Reactivity
The product in the delivered form is not dust explosion capable; the enrichment of fine dust however leads to the danger of dust explosion.
Chemical stability
The material is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
Possibility of hazardous reactions
Violent reaction with strong oxidiser, acids
Conditions to avoid.
Direct light irradiation. Keep away from heat.
Incompatible materials
No additional information
Hazardous decomposition products
Hazardous combustion products: see section 5.

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11.Toxicological Information

Acute Toxicity: Shall not be classified as acutely toxic.
Acute oral toxicity: LD50 - rat 3.450 mg/kg
Acute inhalation toxicity: No data available

Acute dermal toxicity: No data available

Skin corrosion/irritation: Causes skin irritation.
Respiratory or skin sensitisation: Shall not be classified as a respiratory or skin sensitiser.

12. Ecological information

Acute aquatic toxicity: Toxic to aquatic life with long lasting effects.
LC50 - Pimephales promelas 8,84 mg/l

Persistence and degradability:
Theoretical Oxygen Demand (without nitrification): 2,561 mg/mg
Theoretical Oxygen Demand (with nitrification): 3,049 mg/mg
Theoretical Carbon Dioxide: 3,019 mg/mg

Bio concentration Factor: No data available.
Mobility in soil: No data available.
Results of PBT and vPvB assessment: No data available
Other adverse effects: No data available

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13.Disposal considerations

Disposal Instructions: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 chemically orused container. Dispose of contents/container in accordance with local/regional/national and international regulations.

Local disposal regulations: Dispose in accordance with all applicable regulations.

Hazardous waste code: Not established.

Waste from residues/unused products: Empty containers or liners may retain some product residues. This material and its products container must be disposed of in a safe manner (see Disposal instructions).

Contaminated packaging: It is a dangerous waste; only packagings which are approved (e.g. acc. to ADR) may be used. Handle contaminated packages in the same way as the substance itself. Completely emptied packages can be recycled.

14.Transport information

UN number
ADR/RID: 3077
IMDG: 3077
IATA: 3335

UN proper shipping name
ADR/RID: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (SCIOTOLE)
IMDG: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (SCIOTOLE)
IATA: Aviation regulated solid, n.o.s. (SCIOTOLE)

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Transport hazard class(es)
ADR/RID: 9
IMDG: 9
IATA: 9

Packaging group
ADR/RID: III
IMDG: III
IATA: III

Environmental hazards
ADR/RID: Yes
IMDG: Yes
IATA: No

Special precautions for user
No data available

15.Regulatory information

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

Chemical safety assessment

For this product a chemical safety assessment was not carried out.

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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
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.