

Safety Data Sheet

1. Identification

| | |
|------------------------------------|---|
| Product Information. | B224 |
| Product Name: | Fluorosil Odor Neutralizer - Citrus |
| Recommended Use. | Professional Carpet Cleaning |
| Uses advised against. | Professional Use Only |
| Supplier. | Legend Brands Prochem 15180 Josh Wilson Road Burlington, WA 98233 E-Mail: sds@legendbrands.com 800-932-3030 Legend Brands 4520 Eastgate Parkway Mississauga, ON L4W 3W6 800-932-3030 |
| Emergency telephone number. | INFOTRAC 1-800-535-5053 (North America) +1-352-323-3500 (International) |

2. Hazards Identification

Classification in accordance with the Workplace Hazardous Materials Information System (WHMIS) 2015 based on the Hazardous Products Regulations (HPR).

Flam. Liq. 4

GHS Pictograms

None required.

Signal Word

Warning

Unknown Acute Toxicity

< 0.1% of the mixture consists of ingredient(s) of unknown acute toxicity

HAZARD STATEMENTS

Combustible liquid.

Precautionary Statements - Prevention.

Keep away from heat. - No smoking.

Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements - Response.

In case of fire: Use carbon dioxide to extinguish.

Precautionary Statements - Storage.

Store in a well-ventilated place. Keep cool.

Precautionary Statements - Disposal.

Dispose of contents/ container to an approved waste disposal plant.

3. Composition/Information on Ingredients

| <u>Chemical Name</u> | <u>CAS-No.</u> | <u>Wt. %</u> | <u>HMIRA</u> |
|---|----------------|--------------|--------------|
| Dipropylene glycol monomethyl ether | 34590-94-8 | 1-5 | |
| Ethoxylated alcohols, C9-C11 | 68439-46-3 | 1-5 | |
| Isopropyl alcohol | 67-63-0 | 1-5 | |
| SODIUM LAURYL SULFATE | 151-21-3 | 0.1-1.0 | |
| TERPENES AND TERPENOIDS, SWEET ORANGE-OIL | 68647-72-3 | 0.1-1.0 | |

4. First-aid Measures

Description of first-aid measures.

General advice.

Call a physician if irritation develops or persists. Show this safety data sheet to the doctor in attendance. When symptoms persist or in all cases of doubt seek medical advice.

Inhalation.

Move to fresh air. If symptoms persist, call a physician. If not breathing, give artificial respiration.

Skin contact.

If skin irritation persists, call a physician. Wash off immediately with soap and plenty of water. Remove all contaminated clothes and shoes.

Eye contact.

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Call a physician if irritation develops or persists. Remove contact lenses, if present.

Ingestion.

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Call a physician immediately. Gently wipe or rinse the inside of the mouth with water.

Symptoms.

See Section 2.2, Label Elements and/or Section 11, Toxicological effects.

Notes to physician.

Treat symptomatically.

5. Fire-fighting Measures

Extinguishing media.

Suitable extinguishing media.

Water spray. Foam. Dry powder. Dry chemical. Alcohol-resistant foam. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Carbon dioxide (CO₂).

Extinguishing media which shall not be used for safety reasons.

High volume water jet.

Special hazards arising from the substance or mixture.

Flash back possible over considerable distance. Hazardous decomposition products formed under fire conditions.

Advice for firefighters.

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures.

Personal precautions.

Avoid contact with skin, eyes and clothing. Ensure adequate ventilation, especially in confined areas. Do not breathe vapors or spray mist.

Advice for emergency responders.

Remove all sources of ignition. Use personal protection recommended in Section 8.

Environmental precautions.

Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Prevent product from entering drains. See Section 12 for additional Ecological information.

Methods and materials for containment and cleaning up.

Methods for Containment.

Prevent further leakage or spillage if safe to do so. Pick up and transfer to properly labeled containers. Use personal protective equipment. Remove all sources of ignition.

Methods for cleaning up.

Use personal protective equipment as required.

Reference to other sections.

See section 8 for more information.

7. Handling and Storage

Conditions for safe storage, including any incompatibilities.

Advice on safe handling.

Handle in accordance with good industrial hygiene and safety practice. Keep away from sources of ignition - No smoking.

Hygiene measures.

See section 7 for more information.

Storage Conditions.

Keep containers tightly closed in a cool, well-ventilated place. Store in original container.

8. Exposure Controls/Personal Protection

Ingredients with Occupational Exposure Limits

| <u>Chemical Name</u> | <u>ACGIH TLV-TWA</u> | <u>ACGIH-TLV STEL</u> | <u>OSHA PEL-TWA</u> | <u>OSHA PEL-CEILING</u> |
|-------------------------------------|----------------------|-----------------------|---------------------|-------------------------|
| Dipropylene glycol monomethyl ether | 100 ppm | 150 ppm | 100 ppm | N.E. |
| Isopropyl alcohol | 200 ppm | 400 ppm | 400 ppm | N.E. |

TLV = Threshold Limit Value TWA = Time Weighted Average PEL = Permissible Exposure Limit STEL = Short-Term Exposure Limit N.E. = Not Established

Engineering Measures.

Showers, eyewash stations, and ventilation systems.

Personal protective equipment.

Eye/Face Protection.

Safety glasses with side-shields.

Skin and body protection.

Wear suitable protective clothing.

Respiratory protection.

In case of insufficient ventilation wear suitable respiratory equipment.

9. Physical and chemical properties.

Information on basic physical and chemical properties.

| | |
|--|--------------------------|
| Physical state | Liquid |
| Appearance | Clear |
| Color | Blue |
| Odor | Citrus |
| Odor Threshold | No Information |
| pH | 6.9 |
| Melting/freezing point., °C (°F) | No Information |
| Flash Point., °C (°F) | 61 (141.80) |
| Boiling point/boiling range., °C (°F) | 83 - 324 (181.4 - 615.2) |
| Evaporation rate | No Information |
| Explosive properties. | No Information |
| Vapor pressure. | No Information |
| Vapor density. | No Information |
| Specific Gravity. (g/cm ³) | 1.000 |
| Water solubility. | Soluble |
| Partition coefficient. | No Information |
| Autoignition temperature., °C | No Information |
| Decomposition Temperature °C. | No Information |
| Viscosity, kinematic. | No Information |

Other information.

| | |
|---|--------------------|
| Volatile organic compounds (VOC) content. | 0.07% at 2 oz/gal. |
| Density, lb/gal | No Information |

10. Stability and Reactivity

Reactivity.

Stable under normal conditions.

Chemical stability.

Stable under recommended storage conditions.

Possibility of hazardous reactions.

None known based on information supplied.

Conditions to Avoid.

Strong oxidizing agents.

Incompatible Materials.

None known based on information supplied.

Hazardous Decomposition Products.

Carbon dioxide (CO₂), carbon monoxide (CO), oxides of nitrogen (NO_x), dense black smoke.

11. Toxicological Information

Information on toxicological effects.

Acute toxicity.

Product Information

No Information

Component Information.

| <u>CAS-No.</u> | <u>Chemical Name</u> | <u>LD50 Oral</u> | <u>LD50 Dermal</u> | <u>LC50 Inhalation</u> |
|----------------|---|--------------------|-------------------------|------------------------|
| 34590-94-8 | Dipropylene glycol monomethyl ether | 5400 uL/kg | 9500 mg/kg Rabbit | N.I. |
| 67-63-0 | Isopropyl alcohol | 5840 mg/kg (Rat) | 13,900 mg/kg (Rabbit) | N.I. |
| 151-21-3 | SODIUM LAURYL SULFATE | 1288 mg/kg Rat | 200 mg/kg Rabbit | >3.9 mg/L Rat (Dust) |
| 68647-72-3 | TERPENES AND TERPENOIDS, SWEET ORANGE-OIL | 4400 mg/kg (Rat) | >5 g/kg (Rabbit) | N.I. |

N.I. = No Information

Skin corrosion/irritation.

SKIN IRRITANT.

Eye damage/irritation.

No Information

Respiratory or skin sensitization.

No Information

Ingestion.

No Information

Germ cell mutagenicity.

No Information

Carcinogenicity.

No Information

Reproductive toxicity.

No Information

Specific target organ systemic toxicity (single exposure).

No Information

Specific target organ systemic toxicity (repeated exposure).

No Information

Aspiration hazard.

No Information

Primary Route(s) of Entry

No Information

12. Ecological Information

Toxicity.

2.12% of the mixture consists of ingredient(s) of unknown aquatic toxicity

Ecotoxicity effects.

| <u>Chemical Name</u> | <u>Toxicity to algae</u> | <u>Toxicity to fish</u> | <u>Toxicity to daphnia and other aquatic invertebrates</u> |
|---|---|---|--|
| Dipropylene glycol monomethyl ether 34590-94-8 | - | LC50 96 h Pimephales promelas >10000 mg/L | LC50 48 h Daphnia magna 1919 mg/L |
| Isopropyl alcohol 67-63-0 | EC50 96 h Desmodesmus subspicatus >1000 mg/L, EC50 72 h Desmodesmus subspicatus >1000 mg/L | LC50 96 h Pimephales promelas 9640 mg/L, LC50 96 h Pimephales promelas 11130 mg/ L, LC50 96 h Lepomis macrochirus >1400000 µg/L | EC50 48 h Daphnia magna 13299 mg/L |

| | | | |
|---|---|---|---|
| <p>SODIUM LAURYL SULFATE 151-21-3</p> | <p>EC50 72 h Desmodemus subspicatus 53 mg/L, EC50 96 h Desmodemus subspicatus 30 - 100 mg/L, EC50 96 h Pseudokirchneriella subcapitata 117 mg/L, EC50 96 h Pseudokirchneriella subcapitata 3.59 - 15.6 mg/L</p> | <p>LC50 96 h Pimephales promelas 15 - 18.9 mg/L, LC50 96 h Pimephales promelas 8 - 12.5 mg/L, LC50 96 h Pimephales promelas 22.1 - 22.8 mg/L, LC50 96 h Oncorhynchus mykiss 4.3 - 8.5 mg/L, LC50 96 h Oncorhynchus mykiss 4.62 mg/L, LC50 96 h Oncorhynchus mykiss 4.2 mg/L, LC50 96 h Brachydanio rerio 7.97 mg/L, LC50 96 h Brachydanio rerio 9.9 - 20.1 mg/L, LC50 96 h Lepomis macrochirus 4.06 - 5.75 mg/L, LC50 96 h Lepomis macrochirus 4.2 - 4.8 mg</p> | <p>EC50 48 h Daphnia magna 1.8 mg/L</p> |
|---|---|---|---|

Persistence and degradability.

No data are available on the product itself.

Bioaccumulative potential.

Discharge into the environment must be avoided.

| <u>CAS-No.</u> | <u>Chemical Name</u> | <u>log POW</u> |
|----------------|-------------------------------------|----------------|
| 34590-94-8 | Dipropylene glycol monomethyl ether | -0.064 |
| 67-63-0 | Isopropyl alcohol | 0.05 |
| 151-21-3 | SODIUM LAURYL SULFATE | 1.6 |

Mobility in soil.

No information

Other adverse effects.

No information

13. Disposal Considerations

Waste Disposal Guidance.

Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. Transport Information

DOT

Hazard Class: Not regulated

IMDG

-

Hazard Class: Not regulated

IATA

Not regulated

15. Regulatory Information

International Inventories:

