



Material Safety Data Sheet

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|--|--|---------------|---|-------------|---|------------|---|--|
| NFPA  | HMIS <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="background-color: #00FFFF;">Health Hazard</td> <td style="text-align: center; font-weight: bold;">1</td> </tr> <tr> <td style="background-color: #FFCCCC;">Fire Hazard</td> <td style="text-align: center; font-weight: bold;">0</td> </tr> <tr> <td style="background-color: #FFFF00;">Reactivity</td> <td style="text-align: center; font-weight: bold;">0</td> </tr> </table> | Health Hazard | 1 | Fire Hazard | 0 | Reactivity | 0 | Personal Protective Equipment  See Section 15. |
| Health Hazard | 1 | | | | | | | |
| Fire Hazard | 0 | | | | | | | |
| Reactivity | 0 | | | | | | | |

| Section 1. Chemical Product and Company Identification | | Page Number: 1 |
|--|--|---|
| Common Name/Trade Name | Caraway oil | Catalog Number(s). CA190, C1094, C1171 |
| Manufacturer | SPECTRUM CHEMICAL MFG. CORP. 14422 S. SAN PEDRO STREET GARDENA, CA 90248 | CAS# 8000-42-8 |
| Commercial Name(s) | Not available. | RTECS EY6300000 |
| Synonym | Not available. | TSCA TSCA 8(b) inventory: Caraway oil |
| Chemical Name | Not available. | CI# Not available. |
| Chemical Family | Not available. | IN CASE OF EMERGENCY CHEMTREC (24hr) 800-424-9300 CALL (310) 516-8000 |
| Chemical Formula | Not available. | |
| Supplier | SPECTRUM CHEMICAL MFG. CORP. 14422 S. SAN PEDRO STREET GARDENA, CA 90248 | |

| Section 2. Composition and Information on Ingredients | | | | | |
|---|--|--------------------------|---------------------------|---------------------------|-------------|
| Name | CAS # | Exposure Limits | | | % by Weight |
| | | TWA (mg/m ³) | STEL (mg/m ³) | CEIL (mg/m ³) | |
| 1) Caraway oil | 8000-42-8 | | | | 100 |
| Toxicological Data on Ingredients | Caraway oil LD50: Not available. LC50: Not available. | | | | |

| Section 3. Hazards Identification | |
|---|---|
| Potential Acute Health Effects | Hazardous in case of ingestion. Slightly hazardous in case of skin contact (irritant, permeator), of eye contact (irritant), of inhalation. |
| Potential Chronic Health Effects | Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of inhalation. CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance is toxic to lungs, mucous membranes. Repeated or prolonged exposure to the substance can produce target organs damage. |

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Section 4. First Aid Measures

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| Eye Contact | No known effect on eye contact, rinse with water for a few minutes. |
| Skin Contact | After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. |
| Serious Skin Contact | Not available. |
| Inhalation | Allow the victim to rest in a well ventilated area. Seek immediate medical attention. |
| Serious Inhalation | Not available. |
| Ingestion | Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention. |
| Serious Ingestion | Not available. |

Section 5. Fire and Explosion Data

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|--|---|
| Flammability of the Product | Non-flammable. |
| Auto-Ignition Temperature | Not applicable. |
| Flash Points | Not applicable. |
| Flammable Limits | Not applicable. |
| Products of Combustion | Not available. |
| Fire Hazards in Presence of Various Substances | Not available. |
| Explosion Hazards in Presence of Various Substances | Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available. |
| Fire Fighting Media and Instructions | SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet. |
| Special Remarks on Fire Hazards | Not available. |
| Special Remarks on Explosion Hazards | Not available. |

Section 6. Accidental Release Measures

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| Small Spill | Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements. |
| Large Spill | Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system. |

Section 7. Handling and Storage

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|--------------------|---|
| Precautions | No specific safety phrase has been found applicable for this product. |
| Storage | No specific storage is required. Use shelves or cabinets sturdy enough to bear the weight of the chemicals. Be sure that it is not necessary to strain to reach materials, and that shelves are not overloaded. |

Section 8. Exposure Controls/Personal Protection

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|---|---|
| Engineering Controls | No special ventilation requirements. |
| Personal Protection | Safety glasses. Lab coat. |
| Personal Protection in Case of a Large Spill | Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product. |
| Exposure Limits | Not available. |

Section 9. Physical and Chemical Properties

| | | | |
|--------------------------------------|-------------------|--------------|----------------|
| Physical state and appearance | Not available. | Odor | Not available. |
| Molecular Weight | Not available. | Taste | Not available. |
| pH (1% soln/water) | Not available. | Color | Not available. |
| Boiling Point | Not available. | | |
| Melting Point | Not available. | | |
| Critical Temperature | Not available. | | |
| Specific Gravity | 0.905 (Water = 1) | | |
| Vapor Pressure | Not available. | | |
| Vapor Density | Not available. | | |
| Volatility | Not available. | | |
| Odor Threshold | Not available. | | |
| Water/Oil Dist. Coeff. | Not available. | | |
| Ionicity (in Water) | Not available. | | |
| Dispersion Properties | Not available. | | |
| Solubility | Not available. | | |

Section 10. Stability and Reactivity Data

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|--|-------------------------------------|
| Stability | The product is stable. |
| Instability Temperature | Not available. |
| Conditions of Instability | Not available. |
| Incompatibility with various substances | Not available. |
| Corrosivity | Non-corrosive in presence of glass. |
| Special Remarks on Reactivity | Not available. |

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|--------------------------------|----------------|
| Special Remarks on Corrosivity | Not available. |
| Polymerization | No. |

Section 11. Toxicological Information

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|--|---|
| Routes of Entry | Ingestion. |
| Toxicity to Animals | LD50: Not available. LC50: Not available. |
| Chronic Effects on Humans | The substance is toxic to lungs, mucous membranes. |
| Other Toxic Effects on Humans | Hazardous in case of ingestion. Slightly hazardous in case of skin contact (irritant, permeator), of inhalation. |
| Special Remarks on Toxicity to Animals | Not available. |
| Special Remarks on Chronic Effects on Humans | Not available. |
| Special Remarks on other Toxic Effects on Humans | Not available. |

Section 12. Ecological Information

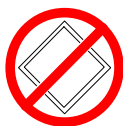
| | |
|---|---|
| Ecotoxicity | Not available. |
| BOD5 and COD | Not available. |
| Products of Biodegradation | Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise. |
| Toxicity of the Products of Biodegradation | The products of degradation are more toxic. |
| Special Remarks on the Products of Biodegradation | Not available. |

Section 13. Disposal Considerations

Waste Disposal

Section 14. Transport Information

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|----------------------------------|--|
| DOT Classification | Not a DOT controlled material (United States). |
| Identification | Not applicable. |
| Special Provisions for Transport | Not applicable. |
| DOT (Pictograms) | |



Section 15. Other Regulatory Information and Pictograms

Federal and State Regulations TSCA 8(b) inventory: Caraway oil

California Proposition 65 Warnings

Other Regulations OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

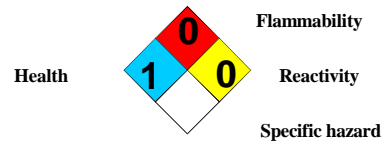
Other Classifications **WHMIS (Canada)** CLASS D-2A: Material causing other toxic effects (VERY TOXIC).

DSCL (EEC) This product is not classified according to the EU regulations.

HMIS (U.S.A.)

| | |
|---------------------|---|
| Health Hazard | 1 |
| Fire Hazard | 0 |
| Reactivity | 0 |
| Personal Protection | a |

National Fire Protection Association (U.S.A.)



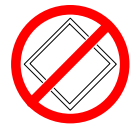
WHMIS (Canada) (Pictograms)



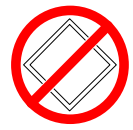
DSCL (Europe) (Pictograms)



TDG (Canada) (Pictograms)



ADR (Europe) (Pictograms)



Protective Equipment

Not applicable.
Lab coat.



Wear appropriate respirator when ventilation is inadequate.
Safety glasses.



Section 16. Other Information**MSDS Code** C3570**References** Not available.**Other Special Considerations** Not available.

Validated by Sonia Owen on 8/11/2006.

Verified by Sonia Owen.

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CALL (310) 516-8000

Notice to Reader

All chemicals may pose unknown hazards and should be used with caution. This Material Safety Data Sheet (MSDS) applies only to the material as packaged. If this product is combined with other materials, deteriorates, or becomes contaminated, it may pose hazards not mentioned in this MSDS. It shall be the user's responsibility to develop proper methods of handling and personal protection based on the actual conditions of use. While this MSDS is based on technical data judged to be reliable, Spectrum Quality Products, Inc. assumes no responsibility for the completeness or accuracy of the information contained herein.