



SAFETY DATA SHEET

1. Product and Supplier Identification

Product:	SM-90
Other Means of Identification:	None
Product Use:	Root System/Foliar Spray
Restrictions on Use:	N/A
Producer:	NUTRILIFE PLANT PRODUCTS, Suite 102, 2286 McCallum Road Abbotsford, BC V2S 3P4 Phone: (604) 606-6069 Fax: (604) 638-5116
Supplier:	As above
Emergencies:	1 250 300 9455

2. Hazards Identification

Signal Word: *Caution*

Precautionary Statements

Hazard Statements: *H303 H316 H320*

May be harmful if swallowed May cause mild skin irritation May causes slight eye irritation

Precautionary Statements (Prevention): *P281 Wear protective gloves*

Precautionary Statements (Response): *P303 + P352, P333 +P311
P305 + P351*

If on skin (or hair): Wash with plenty of soap and water. If skin irritation or rash occurs: Call a Poison Center or doctor/physician.

If in eyes: Rinse cautiously with water for several minutes.

Precautionary Statements (Storage): *P403 + P235*

Store in a well-ventilated place. Keep cool.

3. Composition

Mixture composition: 94% SULPHONATED VEGETABLE OIL SOLUTION, 1% CORIANDER OIL, 4% TRIETHYNOLAMINE.

Hazardous Components		
Components	% (w/w)	Hazard Information
None	-	-

4. First Aid Measures

Description of First Aid Measures

Inhalation: Move victim to fresh air. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing.

Skin: In case of contact with substance, immediately flush skin with running water for at least 20 minutes. Wash skin with soap and water. Take off contaminated clothing and wash before reuse. If skin irritation occurs: Get medical advice/attention.

Eye: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Ingestion: Do not induce vomiting. If person is drowsy or unconscious and vomiting, place on the left side with head down. Seek medical attention.

Most important symptoms and effects, both acute and delayed:
No further relevant information available

Indication of any immediate medical attention and special treatment needed:

No further relevant information available.

5. Fire Fighting Measures

Suitable Extinguishing Media: Regular foam, carbon dioxide, dry chemical, water.

Special hazards arising from the substance or mixture: No further relevant information available.

Advice for firefighters

Protective equipment: No special measures required.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal precautions: *Wear appropriate protective equipment. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.*

Environmental precautions: *Avoid run off to waterways and sewers*

Methods and material for containment and cleaning up

Containment/Clean-Up Measures: *Stop leak if can do it without risk. Absorb or cover with dry earth, sand or other absorbent materials and transfer to containers. .*

7. Handling and Storage

Precautions for safe handling

Handling: *No special precautions are necessary if used correctly.*

Conditions for safe storage, including any incompatibilities

Storage: *Store in ambient temperature, well-ventilated place away from excessive heat. Keep container closed when not in use. Keep away from incompatible materials. Incompatible Materials: Caustic agents*

8. Exposure Controls, Personal Protection

Control Parameters

Components with limited values that require monitoring at the workplace: *Not required.*

Exposure controls

Personal Protective Equipment

Pictograms:

Respiratory: *In case of insufficient ventilation, wear suitable respiratory equipment. Follow the OSHA respirator regulations found in 26 CFR 1910.134. Use a NIOSH/MSHA approved respirator if exposure limits are exceeded or symptoms are experienced.*

Eye/Face: *Wear safety goggles*

Hands: *Wear protective gloves*

Skin/Body: *Where extensive dermal exposure may be expected, either a chemical suit or a chemical apron will be needed.*

General Industrial Hygiene Considerations: *Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly with soap and water after handling and before eating, or drinking. Safety shower and eye wash should be available close to work areas.*

Environmental Exposure Controls: Follow best practice for site management and disposal of waste. Avoid release to the environment.

9. Physical and Chemical Properties

Appearance: Clear, yellow, viscous liquid

Odour: Strong lemon and coriander odour

pH: 9.38

Boiling Point: Not determined

Melting Point: Not determined

Flash Point: Non combustible

Flammability: Product is not flammable

Decomposition Temperature: Not determined

Heat of Decomposition: Not determined

Danger of Explosion: Product does not present an explosion hazard

Upper explosion limits: Not determined

Lower explosion limits: Not determined

Vapor Pressure: Not applicable

Vapor Density: Not applicable

Evaporation Rate: Not applicable

Specific gravity @ 20°C (68°F): 1.01

Water Solubility: Emulsifiable

Partition coefficient (n-octanol/water): Not determined

Viscosity: Not determined

10. Stability and Reactivity

Reactivity: No dangerous reaction known under conditions of normal use.

Chemical Stability: Stable under normal temperatures and pressures.

Possibility of Hazardous Reactions: No dangerous reactions known.

Conditions to avoid: Exposure to excessive heat.

Incompatible Materials: Caustic agents

Hazardous Decomposition Products: Carbon oxides may form upon burning

11. Toxicological Information

Information on toxicological effects

Acute toxicity: Not determined

Routes of Entry

Skin: May cause slight irritation.

Eyes: May cause slight irritation.

Ingestion: May cause gastrointestinal irritation. May cause nausea.

Inhalation: None identified

Carcinogenic Categories

IARC (International Agency for Research on Cancer): Substance is not listed

NTP (National Toxicology Program): Substance is not listed

12. Ecological Information

Toxicity: No further relevant information available.

Persistence and Degradability: No further relevant information available.

Mobility in Soil: No further relevant information available.

Other Adverse Effects: No studies have been found

13. Disposal Considerations

Product Waste: Dispose of content and/or container in accordance with local, regional, national, and/or international regulations

Packaging Waste: Dispose of content and/or container in accordance with local, regional, national, and/or international regulations

14. Transport Information

OT Classification: Not regulated by US DOT Highway regulations.

U.S. Surface Freight Classification: NMFC item 061840, Class: 60

UN Number: Non-Hazardous. Not regulated.

IMDG Class (sea): Non-Hazardous. Not regulated.

IATA Class (air): Non-Hazardous. Not regulated.

Pollutant: No

Packing Group: Not regulated.

Hazard Label(s): Non-Hazardous. Not regulated.

ADR Class (road): Not regulated.

Proper Shipping Name(s): Not regulated.

Reportable Quantity: None

15. Regulatory Information**Safety, Health, and Environmental Regulations/Legislation
Specific for the Substance or Mixture**

SARA: N/A

Section 355 (Extremely Hazardous Substance): Substance is not listed.

Section 313 (Specific Toxic Chemical Listings): Substance is not listed.

TSCA (Toxic Substance Control Act): Substance is not listed.

Proposition 65

Chemicals Known to Cause Cancer: Substance is not listed.

Chemicals Known to Cause Reproductive Toxicity for Females:

Substance is not listed.

Chemicals Known to Cause Reproductive Toxicity for Males:

Substance is not listed.

Chemicals Known to Cause Developmental Toxicity:

Substance is not listed.

National Regulations: Substance is not listed.

State Right to Know: Substance is not listed.

Following is the hazard information on the label: Avoid contact with eyes, skin, open cuts or sores. **PRECAUTION: KEEP OUT OF REACH OF CHILDREN.** Wash hands after use. For General clean up, use strong detergent or pine-oil cleaner.

16. Other Information

Disclaimer/Statement of Liability: The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of the need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.

This Safety Data Sheet may not be changed, or altered in any way without the expressed knowledge and permission of Nutrilife Plant Products.