

Prowess™ XL

Safety Data Sheet

Nu-Tec Specialty Products
2720 Couch Road
Putnam, Ontario, N0L 2B0
Canada

24 h. EMERGENCY TELEPHONE NUMBER
CHEMTREC (U.S.) 1-800-424-9300
CHEMTREC (International) 1-703-527-3887
Non-Emergency Calls
1-800-265-1902

Prowess™ XL

Section 1. Identification

Product Name: Prowess XL Manufacturing Use Product (MUP).

Section 2. Hazards identification

Hazard rating for health, flammability, and reactivity = 0 (Insignificant).

Key: 4-Very High; 3-High 2-Moderate; 1-Slight; 0-Insignificant

Route(s) Of Entry: Skin, Eye

Effects of Acute Exposure

Eye:	Redness clearing within 24 hours
Skin:	Essentially non-irritating
Inhalation:	Not acutely toxic by the inhalation route of exposure Ingestion: Not acutely toxic by the ingestion route of exposure

Medical Conditions:

Generally recognized as being aggravated by exposure: None Known

Section 3. Composition/information on ingredients

Prowess XL MUP is a proprietary blend of naturally-occurring amino acids and protein.

Section 4. First aid measures

Eye Contact:	Flush eyes with plenty of water. Call physician if irritation persists.
Skin Contact:	Wash with plenty of soap and water. Get medical attention if irritation persists.

Section 5. Fire-fighting measures

Flash Point: N/A

Flammable Limits: N/A

Auto ignition Temperature: N/A

Extinguishing Media: Foam. CO₂. Dry Chemical. Water. Fog.

Special Fire-fighting Procedures: Normal fire-fighting procedures may be used.

Unusual Fire and Explosion Hazards: No special hazards known

Section 6. Accidental release measures

Steps to be taken in case material is released or spilled: Wear protective clothing gloves and mask. Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

Prowess™ XL

Section 7. Handling and storage

Do not contaminate water, food, or feed by storage or disposal.

Product storage: Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of reach of children, preferably in a locked storage area.

Section 8. Exposure controls/personal protection

Personal Protective Equipment (PPE): Applicators and other handlers must wear:

- Long sleeve shirt and long pants
- Shoes plus socks
- Protective eyewear

Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Section 9. Physical and chemical properties

Color:	Beige
Product State:	Fine powder
Odor:	Light sweet organic acids
pH:	Not applicable to powder (0.1% sol'n pH=4.4)
Solubility in water:	Soluble .53 g/ml
Bulk Density:	
Vapor Density (Air=1):	N/A
Evaporation rate (Butyl Acetate=1):	N/A
Boiling Point:	Not available
Freezing Point:	Not available

Section 10. Stability and reactivity

Stability: Stable at room temperature

Incompatibility: Prowess XL is compatible with most commonly used agricultural fungicides, insecticides, micronutrients and spray adjuvants. If compatibility with another product is unknown, a jar test for physical compatibility should be conducted before field mixtures are made. Read and recognize all cautions and limitations on labeling of all products used in mixtures.

Hazardous Decomposition Products: None known

Section 11. Toxicological information

LD₅₀ (Acute oral Tox):	> 5000 mg/kg (rats)
LD₅₀ (Acute dermal Tox):	> 5000 mg/kg (rabbits)
Effects of Chronic Exposure:	None known
Sensitization:	Not a sensitizer
Carcinogenicity:	Not carcinogenic based on data supporting ingredients
Reproductive Toxicity:	Not a reproductive toxicant based on data supporting ingredients
Teratogenicity:	Not teratogenic based on data supporting ingredients
Mutagenicity:	Not mutagenic based on data supporting ingredients

Prowess™ XL

Section 12. Ecological information

Environmental data: Degrades rapidly in the environment

Section 13. Disposal considerations

Product Disposal: Wastes resulting from the use of Prowess may be disposed of on site or at an approved waste disposal facility.

Container Disposal: Do not reuse any part of the packaging. Dispose of all containers and packaging in a sanitary landfill, by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of the smoke.

Section 14. Transport information

US D.O.T. Information:	Not a DOT Controlled Material
Canadian Shipping Name:	Not Available
TDG Classification:	Not Available
PIN/NIP:	Not Available
Packing Group:	NC

Section 15. Regulatory information

Not Applicable

Section 16. Other information

This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, express or implied, as to the accuracy of the information contained herein. Actual conditions of use and handling are beyond seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local Laws and regulations.

N/A = Not applicable