



MATRIX

SAFETY DATA SHEET

Section 01 – Product and company identification

Description: Liquid fertilizer 1-0-4
Commercial name: MATRIX
CAS number: Not applicable.
General use: Fertilizer / supplement.
Company: ALLTURF, 1964 Commerce Park Drive, Innisfil, ON, Canada, L9S 4A3
800-263-1293 | allturf.ca
WHMIS classification: Uncontrolled product.

Section 02 – Hazards identification

This product is not hazardous and does not require other hazard identification.

Section 03 – Composition / information on ingredients

Ingredients	CAS number	% w/w
Aquatic plant extract (<i>Ascophyllum nodosum</i>)	84775-78-0	50-70 %
Aqueous extract of organic acids	Not available	30-50 %
Urea	57-13-6	0-5 %

Section 04 – First aid measures

Eyes contact: Flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating eyelids with fingers.
Skin contact: Wash skin with water.
Inhalation: Not irritating under normal use conditions. Get victim into fresh air if necessary.
Ingestion: Give water to the victim.

Section 05 – Fire fighting hazards

Flammability: No.
Ignition conditions: inflammable.
Extinguishing media: Water spray, carbon dioxide, dry chemical powder, foam.
Special fire fighting procedure: Beware of slippery floors if spillage occurs in wet areas during firefighting.
Unusual fire and explosion hazards: No.
Flash point: Not applicable.
Lower flammable limit: Not applicable.
Upper flammable limit: Not applicable.
Auto-ignition temperature: Not applicable.
Sensitivity to mechanical impact: No.
Sensitivity to static discharge: No.

Section 06 – Accidental release measures

Personal protection: Chemical safety goggles, gloves and protective clothing.
Procedure: Wash with copious amount of water.

Section 07 – Handling and storage

Storage: Keep the product in a cool place away from direct sunlight.

Section 08 – Exposure control / personal protection

Respiratory protection: Non irritating under normal use conditions.
Eyes and skin protection: Chemical safety goggles, gloves and protective clothing.
Threshold limit value (TLV): Data not available.

Section 09 – Physical and chemical properties

Physical state: Liquid.
Appearance and odor: Brown liquid with mild odour.
Odor threshold: Not available.
Specific gravity: 1,12 g/ml.
Vapor pressure: Not available.
Vapor density: Not available.
Evaporation rate: Not available.
Boiling point: 100 °C
Melting point: 0 °C
pH (concentrated solution): 7-8
Water / oil distribution coefficient: Not available.
Solubility: Completely soluble in water.

Section 10 – Stability and reactivity

Stability: Keep the product in a cool place away from direct sunlight.
Incompatibility: Strong oxidizing agents, strong acids.
Hazardous combustion products: Carbon monoxide, carbon dioxide and nitrogen oxides.
Hazardous polymerisation: No.

Section 11 – Toxicological information

Data not available.

Section 12 – Ecological information

Biodegradability: Yes.

Section 13 – Disposal considerations

Observe all federal, state and local environmental regulations.

Section 14 – Transport information

Non-hazardous. Transport with compatible products.

Section 15 – Regulatory information

The product is not dangerous and required no special labels. This product has been classified according to the hazard criteria of the *Controlled products regulation* and this material safety data sheet contains all of the information required by the *Controlled products regulation*.

Section 16 – Other information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The seller shall not be held liable for any damage resulting from handling or from contact with the above product.

Revision date: March 9th 2026