

**MATERIAL SAFETY DATA SHEET****1. CHEMICAL PRODUCT AND COMPANY DESCRIPTION****IDENTIFICATION OF THE PRODUCT MYST GRANULAR**

**Chemical Family** Blend of alkoxy alkylene oxides on a cellulose carrier  
**Product Description** Grey granular material  
**Use of the Product** Turf Wetting Agent  
**Supplier Details** Primeraturf – [www.primeraturf.com](http://www.primeraturf.com) / [www.turfwettingagent.com](http://www.turfwettingagent.com)

**Emergency Phone Numbers:**

For emergencies involving a spill, leak, fire, exposure or accident, contact CHEMTREC (1-800-424-9300 within the United States or 703-527-3887 for international collect calls).

**2. COMPOSITION / INFORMATION ON INGREDIENTS**

Blend of alkoxy alkylene oxides (9%) on a cellulose carrier

**3. HAZARDS IDENTIFICATION**

This product is not hazardous

**4. FIRST AID MEASURES****Inhalation**

Remove patient to fresh air.

**Skin Contact**

Flush with plenty of water and if irritation persists seek medical attention.

**Eye Contact**

Irrigate the eye with water or eye wash solution and seek medical attention.

**Ingestion**

If swallowed, rinse with water if the person is conscious. Consult a doctor.

**Notes to Physician**

Treat as symptomatic.

**5. FIRE FIGHTING MEASURES**

Material is not flammable, but if involved in a fire could give off carbon monoxide if incomplete combustion occurs

**Suitable Extinguishing Media:** Dry chemical powder, carbon dioxide, alcohol resistant foam, water spray of fog, sand or earth.

**Special Fire Precautions:** Not available

**Hazardous Combustion Products:** Carbon monoxide may be given off if incomplete combustion occurs.

**Fire Fighting Equipment/Protocol:** Full protective clothing and self-contained breathing apparatus.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal Precautions:** Do not allow product to enter eyes. Avoid inhalation and skin contact.

**Environmental Precautions:**

Small spills; Avoid washings entering water courses

Large spills: dispose of according to local authority guidelines

**Methods for cleaning up:**

Small spills; use sand or any suitable medium

Absorb large spillages with sand or any suitable medium.

Refer to Section 13 for disposal of spilled material

**7. HANDLING AND STORAGE**

**Handling** Avoid skin and eye contact

**Storage** Store at ambient temperatures. Keep from freezing

**MATERIAL SAFETY DATA SHEET****8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Exposure Limit Values:** Not available

**Occupational Exposure Controls**

**Respiratory Protection** Not necessary unless used in a confined space.

**Hand Protection:** Not essential but it is always advisable to wear gloves when handling chemicals.

**Eye Protection:** Not essential but it is always advisable to wear goggles when handling chemicals

**Skin Protection:** Not essential but it is always advisable to wear suitable overalls when handling chemicals.

**ENVIRONMENTAL EXPOSURE CONTROLS:**

Do not contaminate ponds, waterways, lakes or other water bodies.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance and Odour:</b>	Grey granules with negligible odour
<b>Boiling Point:</b>	Not established
<b>Pour Point:</b>	Not applicable
<b>Flash Point</b>	>100 <sup>0</sup> C
<b>Bulk Density:</b>	0.806 kg/l
<b>Evaporation Rate:</b>	Not established
<b>pH:</b>	7+/- 1
<b>Solubility in Water:</b>	Does not dissolve
<b>Vapour Density:</b>	Not established
<b>Vapour Pressure:</b>	Not Measured
<b>Auto flammability:</b>	Auto Ignition Temperature >220 <sup>0</sup> C

NOTE: These physical data are typical values based on material tested but may vary from sample to sample. Typical vales should not be construed as a guaranteed analysis of any specific lot or as specification for the product.

**10. STABILITY AND REACTIVITY**

**Conditions to Avoid:** Extremes of temperature

**Materials to Avoid:** Strong oxidising agents

**Hazardous Decomposition Products:** None known

**11. TOXICOLOGICAL INFORMATION**

**Oral LD50 (rat)** LD50> 5000 mg/Kg

**Inhalation LD50 (rat):** Expected to be of low toxicity. LC50>5000 mg/Kg

**Dermal LD50 (rabbit)** >2000 mg/Kg

**Skin Irritation** Not Irritant.

**Skin sensitisation:** Not a skin sensitizer

**Eye Contact** May cause slight transient (temporary) eye irritation

**Ingestion:** May cause nausea. No toxic effect expected. Irritation to the digestive system can occur.

**12. ECOLOGICAL INFORMATION**

Figures quoted below are for the liquid which is sprayed on to the carrier.

**Persistence/degradability** Readily biodegradable –passes manometric test (OECD TEST No.301f) after 28 days>60%

**Bioaccumulation -** Bioaccumulation is unlikely to occur due to metabolism and excretion.

**Acute LC50 for mirror or common carp (Cyprinus carpio)** is 18,200 mg/L.

**Acute toxicity-fish LC/EC/IC 50** >5000 mg/l

**Acute toxicity-algae LC/EC/IC 50** >100 mg/l

**Acute toxicity-Daphnia LC/EC/IC 50** >100 mg/l

**Toxicity threshold for bacteria** is 5,636 mg/l

**MATERIAL SAFETY DATA SHEET****13. DISPOSAL CONSIDERATIONS**

**Product:** Recover or recycle if possible

For large quantities seek advice from specialist waste disposal company.

**Container:** Drain container thoroughly. Rinse three times with water. Recover or recycle if possible.

**14. TRANSPORT INFORMATION**

Not classified as hazardous under transport regulations (ADR RID ADNR IMDG/GGV/See ICAO/IATA)

**US Department of Transportation Shipping Name:** NOT REGULATED

**15. REGULATORY INFORMATION**

Listed in the UNITED STATES under TSCA and under DSL in Canada CANADA (DSL)

**16. OTHER INFORMATION****National Fire Protection Association Hazard Ratings – NFPA (R):**

1 Health Hazard Rating - Slight

1 Flammability Rating – Slight

0 Reactivity Rating – Minimal

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