MATERIAL SAFETY DATA SHEET

SECTION 1: Product And Company Identification

Product Name: U Turn Pre-Spray and Odor Treatment
Product ID# Uturn — Bio-based Plant Stimulant
Manufactured by: Centrum Force LLC. — 3425 Stone School Rd. — Ann Arbor MI 48108
General Information: 1 (866) 652-8778 — **Technical Assistance:** (866) 652-8778 — **Fax Number:** 734 973 2348
Emergency Contact: 1 (866) 652-8778
www.centrum-force.com

Section 2: Composition / Information on Ingredients

Component	CAS #	LD50# (oral rat)	LD60#	% Wt.
Filtered Water	7732-18-5	>99,999ml/kg	NE	Prop.
Plant Extracts	Proprietary	NE	NE	Prop.
Corn / Coconut / Palm Oil Blend	Proprietary	NE	NE	Prop.
Sugarcane / Soy Oil Extract	Proprietary	NE	NE	Prop.
Corn / Coconut / Palm Kernel Oil	Proprietary	NE	NE	Prop.
Lime Oil	8008-26-2	NE	NE	<1%

Section 3: Hazards Identification

Emergency Overview

Appearance and Odor: Slightly Viscous Liquid, Amber , Faint Odor

No Known Hazards. As defined by OSHS's Hazard Communication Standard, this product is non-hazardous.

Potential Health Effects: See section 11 for toxicology and carcinogenicity on Product Ingredients.

Eyes: No evidence of Adverse effect — Skin and Skin Absorption: No evidence of Adverse effect
Inhalation: No evidence of Adverse effect — Potential Health Effects: No evidence of Adverse effect
Ingestion: No evidence of Adverse effect — Chronic Effects: No evidence of Adverse effect
Medical Conditions Aggravated by Exposure: None Known

Section 4: First Aid Measures

EYES: No Evidence of Adverse Effects — SKIN & SKIN ABSORPTION: No Evidence of Adverse Effects
INHALATION: No Evidence of Adverse Effects — POTENTIAL HEALTH EFFECTS: No Evidence of Adverse Effects
INGESTION: No Evidence of Adverse Effects — CHRONIC EFFECTS: No Evidence of Adverse Effects
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None Known — NOTE TO PHYSICIANS: No Specific Instructions
See Section 11 for Toxicology and Carcinogenicity information on product ingredients

Section 5: Fire Fighting Measures — Flammable Properties: As defined by OSHA, this product is non-flammable

Flash Point: None (TCC) — Autoignition Temperature: NE — Explosion Sensitivity to Static Discharge.: None
UEL: NA — Explosion Sensitivity to Impact: None — Products of Combustion: None
LEL: NA — Protection to Firefighters: No special Precautions needed.
Suitable Extinguishing Media: This Material will not burn. Use extinguishing media appropriate for surrounding fire.

Section 6: Accidental Release Measures — Environmental Precautions: None required

Personal Precautions: Evacuate the Area as the floor may be slippery. Use care to prevent Slips and Falls.
Methods for Containment and Cleanup: Rinse area thoroughly with water. This product is safe to wash into waste systems.

Section 7: Handling and Storage — Handling procedures: No Special procedures needed.
Storage Procedures: Store in a cool, well ventilated area. Avoid low temperatures.

Section 8: Exposure Controls / Personal Protection

Engineering Controls: None Required
Respiratory Protection: None Required — OSHA PEL: NE
Eye / Face Protection: None Required — AGCIH TLV: NE
Skin Protection: None Required
Gloves: None Required
Other Safety Equipment: None Required

Exposure Guidelines:

Component	OSHA TWA	OSHA STEL	ACGIH TWA	ACGIH STEL	OTHER TWA	OTHER Source	OTHER Unit
Filtered Water	NE	NE	NE	NE	NA	NA	NA
Plant Extracts	NE	NE	NE	NE	NE	NA	NA

NE=Not Established C= Ceiling S=Skin V= Vacated

Section 9: Physical and Chemical Properties

Physical State: Liquid — Freezing Point: 25° F
Specific gravity: 1.001 — Color: amber opaque — Evaporation Rate: NE
Initial Boiling Point: 214° F — Odor: Faint Odor — Vapor Density: NE
Solubility in Water: Complete — pH: 7.7 — Vapor Pressure: NE
Volatile Organic Compounds: VOC levels of DDC by weight of the cleaner do not exceed 10% in accordance with 40 CFR parts 9 and 59
Estimated tested amount per product = <1mm/Hg

Section 10: Stability and Reactivity — Possibility of Hazardous Reaction: None Known

Stability: *Stable* — Incompatible Materials: *None Known* — Conditions to avoid: *None* — Hazardous decomposition Products: None

Section 11: Toxicological Information — Irritancy of Product: None — ACGIH (A1, A2 or A3): None — Acute Exposure Effects: None

IARC Monographs: None — OSHA Regulated: No — Embroyotoxicity: None — Mutagenicity: None — Chronic Effects: None — Teratogenicity: None
Skin Sensitization: None — Respiratory Sensitization: None — Reproductive Toxicity: None — Name of Synergistic Product or Effect: None
Carcinogenicity: This Product does not contain any known or suspected human carcinogens

Section 12: Ecological Information — Ecotoxicity / Aquatic Toxicity: None — Persistence / Degradability: Readily Biodegradable

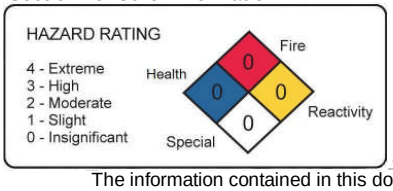
Section 13: Disposal Considerations — Chemicals contained are not listed as hazardous waste. Safe to wash into waste systems.
Always dispose as per Federal, State or local regulations.

Section 14: Transport Information — Proper Shipping Description: US DOT: None — PIN: None — TDG: None — Special Provisions: None

Section 15: Regulatory Information-U.S. Federal — Toxic Substance Control Act: All ingredients are exempt.

Comprehensive Environmental Response, Compensation and Liability Act (CIRCLA) Reportable Quantities (RQ's) for the following Ingredients: None
Spills of any ingredient at or above the RQ level require an immediate notification of the National Response Center (800)424-8802 and Local Agencies
Superfund Amendments Reauthorization ACT (SARA) Title III Section 302 Extremely Hazardous Substances (EHS): None Other Regulatory Info.: None
This product contains the following substances subject to SARA reporting (sections 311, 312 and 313) and 40 CFR part 372: None
State regulations: This product contains NO harmful ingredients under California Prop 65 Safe drinking water and Toxic Enforcement Act: None
State Right To Know Massachusetts: None New Jersey: None Pennsylvania: None Rhode Island: None Clean Air Act: None

Section 16: Other Information (HMIS) Health: **0** Flammability: **0** Reactivity: **None** PPE: **None**



Prop.: Proprietary — **Keys to abbreviations:** TCC: Tags Closed Cup NE: Not Established
CAS: Chemical Abstract Service — NA: Not Applicable — ppm: Parts per Million — mg:Milligram
OSHA: Occupational Safety & Health Administration — TLV: Threshold limit Value — ml: Milliliter
PPE: Personal protective Equipment — ND: Not Determined — TWA: Time Weighted Average — kg:Kilogram
PMCC: Pensky-Martins Closed Cup — g/L: Grams per liter — lbs. / gal: Pounds per Gallon — gr: Gram
NIOSH: National Institute of Occupational Safety & Health — STEL: Short Term Exposure Limit — k: 1000
ACGIH: American Conference of Government Industrial Hygienists — PEL: Permissible Exposure Limit

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Prepared by: Tom Monahan — Phone: 1 (866) 652-8778 — Changes since last Revision: Updated Chart — Revision Date: 22/01/2010