


## Section 1: Company and Product Identification

<b>Product Name:</b>	TURBO-CLEANSE™	<b>General Product Description:</b>
<b>Product Code:</b>	AC-TCIBC	TURBO-CLEANSE is a multi-purpose cleaner and stain fighter.
<b>Company:</b>	Agrilead, Inc. 441 E. Lucas Street Russell, KS 67665 PH: 785-483-5000	
<b>Emergency Response:</b>	INFOTRAC 800-535-5053	

## Section 2: Hazards Identification GHS05

<b>Hazard Pictograms:</b>	
<b>Signal Word:</b>	Danger
<b>Hazard Category:</b>	Serious eye damage/eye irritation Cat 1
<b>Hazard Statements:</b>	H318: Causes serious eye damage
<b>Precautionary Statements:</b>	P280: Wear protective gloves/protective clothing/eye protection/face protection P305+351+338+P310: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. Immediately call a POISON CENTER or doctor/physician
<b>Hazards not otherwise classified:</b>	Not applicable, none known.

## Section 3: Composition / Information on Ingredients

Hazardous substance (name)	Hazard Category	CAS#	Weight %
Diethylene glycol monobutyl ether	Flam. Liq. 4, H227 Eye Irrit. 2A, H319	112-34-5	1-5
Poly(oxy-1,2-ethanediyl), .alpha.-(2-propylheptyl)-.omega.-hydroxy-	Eye Dam. 1 H318	160875-66-1	1-5
The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.			

## Section 4: First Aid Measures

<b>General Info:</b>	Symptoms may not appear immediately. In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).
<b>Notable Exposure symptoms:</b>	Causes serious eye damage. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin. May cause stomach distress, nausea or vomiting.
<b>Eye contact:</b>	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. Get medical attention immediately.

<b>If ingested:</b>	If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.
<b>Skin contact:</b>	Take off immediately all contaminated clothing. Rinse with water thoroughly. Get medical advice if irritation develops or persists.
<b>If inhaled:</b>	Remove to fresh air. Obtain medical attention if asthma-like symptoms or other symptoms develop.
<b>Additional Info:</b>	Observe for any symptoms for several hours after exposure. Follow up with medical attention if symptoms develop.

## Section 5: Fire Fighting Measures

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<b>Suitable extinguishing media:</b>	Powder, water spray, foam, carbon dioxide; there are no known extinguishing media to be unsuitable.
<b>Fire Fighter Protection:</b>	Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).
<b>Hazardous Decomposition Info:</b>	Products of combustion may include, and are not limited to: oxides of carbon.

## Section 6: Accidental Release Measures

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<b>Personal precautions, protective equipment and procedures:</b>	Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Contact local authorities if significant spillages cannot be contained.
<b>Containment Equipment and Procedures:</b>	Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).
<b>Cleanup Procedures:</b>	Scoop up material and place in a disposal container.

## Section 7: Handling and Storage

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<b>Safe Handling Precautions:</b>	Avoid contact with skin and eyes. Avoid breathing vapour or mist. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke.
<b>Recommendations for Storage:</b>	Keep out of the reach of children. Keep container tightly closed and in a well-ventilated place. Store in a cool, dry, place away from incompatible materials.
<b>Incompatibilities:</b>	Store away from strong acids or oxidizing agents. Refer to Section 10.

## Section 8: Exposure Control / Personal Protection

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<b>General / Engineering Controls:</b>	Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits. Eye wash facilities must be available when handling this product. Avoid all unnecessary exposure.
<b>Work Clothing:</b>	Protective work clothing which covers skin and prevents exposures.
<b>Eye/face protection:</b>	Safety glasses or goggles are recommended when using product.
<b>Skin Protection:</b>	Wear solvent resistant gloves.
<b>Respiratory Protection:</b>	In case of insufficient ventilation, wear suitable respiratory equipment.
<b>Additional Information:</b>	Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking. Handle according to established industrial hygiene and safety practices.

Substances with Exposure Limits	CAS#	ACGIH-TWA
Diethylene glycol monobutyl ether	112-34-5	10 ppm

### Section 9: Physical and Chemical Properties

<b>State:</b> Clear Liquid	<b>Melting Point:</b> Not Available	<b>Freezing Point:</b> Not available
<b>Color:</b> Light Green	<b>Boiling Point/Range:</b> ~ 100 °C (~ 212 °F)	<b>pH:</b> 12.2 to 12.5
<b>Specific Gravity:</b> 1.01 to 1.09	<b>Odor:</b> Glycol	<b>Water Solubility:</b> Soluble
<b>Evaporation rate:</b> > 1	<b>Flash Point:</b> > 93.3 °C (> 200 °F)	<b>Part. Coeff (n-octanol/water):</b> Not available
<b>Upper Flam Limits:</b> Not Available	<b>Lower Flam Limits:</b> Not available	<b>Vapor Pressure:</b> Not available
<b>VOC Content (meth. 310):</b> <5% per CARB	<b>Viscosity:</b> Not available	<b>Autoignition Temp:</b> Not available

### Section 10: Stability and Reactivity

<b>General:</b>	No dangerous reaction known under conditions of normal use.
<b>Incompatible materials:</b>	Strong oxidizing agents, strong acids.
<b>Decomposition products:</b>	May include, and are not limited to: oxides of carbon.

### Section 11: Toxicological Information

**Tox. Info. (product):** Acute toxicity is not classified.

#### Toxicological Information (product)

Product Name:	LD50 Oral	LD50 Dermal	LC50 Inh	Irritancy:
TURBO-CLEANSE	> 2000 mg/kg (rat)	> 2000 mg/kg (rabbit)	> 20 mg/l/4h (rat)	NA

#### Toxicological Information (contained hazardous substances)

Hazardous substance (name)	LD50 Oral	LD50 Dermal	LC50 Inh	Irritancy:
Diethylene glycol monobutyl ether (112-34-5)	3384 mg/kg (rat)	2700 mg/kg (rabbit)	NA	NA

<b>Serious eye damage/irritation:</b>	Causes serious eye damage.
<b>Symptoms/injuries - Inhalation:</b>	May cause respiratory irritation.
<b>Symptoms/injuries - Skin Contact:</b>	May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.
<b>Symptoms/injuries - Eye Contact:</b>	Causes serious eye damage. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.
<b>Symptoms/injuries - Ingestion:</b>	May cause stomach distress, nausea or vomiting.

### Section 12: Ecological Information

<b>Aquatic toxicity:</b>	May cause long-term adverse effects in the aquatic environment.
<b>Degradation / Mobility info:</b>	No specific data available.
<b>Bioaccumulative potential:</b>	No specific data available.

