

Date of issue: March 1, 2015

# MATERIAL SAFETY DATA SHEET

## Ultra One Heavy Duty Degreaser

Manufacturer: Ultra One Corp.  
112-East Avenue Unit # 8  
Hackettstown, New Jersey 07840  
U.S.A.  
877-743-7878

### IDENTIFICATION OF THE PREPARATION:

Commercial name: Ultra One heavy-duty degreaser

### COMPOSITION / INFORMATION ON INGREDIENTS:

DESCRIPTION: Detergent containing surfactants and mineral substances.

IDENTIFICATION: Proprietary formula  
Proprietary base blend natural plant and mineral earth based ingredients  
Surfactants: natural plant based material  
Remaining substance: Water

HAZARD IDENTIFICATION: Moderate irritant to the eyes; mild irritant to skin.

### FIRST AID MEASURES:

Contact with skin: None  
Contact with eyes: Rinse eyes with plenty of water for 10 minutes;  
lift upper and lower eyelids from time to time.  
Get medical advice if needed. Drink plenty of  
water, do not induce vomiting. High  
Ingestion: concentrate: get medical attention.

### FIRE-FIGHTING MEASURES: Non-combustible material.

Particular hazards arising from the product itself, from the  
products of combustion or from resulting gases:

No hazardous decomposition products. No  
hazardous reactions. None required.

Particular fire-fighting equipment:

### ACCIDENTAL RELEASE MEASURES:

Personal precautions: Avoid contact with eyes.  
Measures to protect the environment: Concentrate should be diluted before disposal.  
Methods for cleaning/removal: Flush the spill with lots of water.

### HANDLING AND STORAGE:

Safe handling indications: Avoid splashing. Avoid contact with eyes.  
Requirements for storage rooms  
or containers: Keep container closed. Keep from freezing.

**EXPOSURE CONTROLS / PERSONAL PROTECTION:**

Ingredients with workplace related threshold limit values which require

monitoring:	None required	None
Respiratory protection:	required	Wear safety
Eye protection:	glasses	None
Skin protection:	required	

**PHYSICAL AND CHEMICAL PROPERTIES:**

Appearance:	Liquid / water
Color:	Colorless
Odor:	Odorless
pH:	Cone.: 11.8,diluted 1/10 10.9:
Boiling point / boiling range:	100 °C (water)
Melting point / melting range:	0 °C (water)
Flash point:	
Flammability (solid, gases):	Not applicable
Auto-ignition temperature:	Not applicable
Explosive properties:	Not applicable
Vapor pressure:	
Specific gravity (water = 1):	1.05
Water solubility:	Totally soluble in water
Partition coefficient (n-octanol/water):	
Other:	Phosphate free

**STABILITY AND REACTIVITY:**

Conditions to avoid:	None
Materials to avoid:	None
Hazardous decomposition products:	None

**TOXICOLOGICAL INFORMATION:****ACUTE TOXICITY**

Relevant LD<sub>50</sub> values for classification

Oral (Surfactants):	Acute oral LD50 in rats: > 2 g/kg b.w.
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**IRRITATION**

Skin:	Mild irritant.
Eyes:	Moderate irritant, redness and pain may develop.

**ECOLOGICAL INFORMATION:**

PREPARATION: Data on elimination (persistence and degradability) - Surfactants:

Primary degradation:	> 90 %
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ECOTOXICOLOGICAL EFFECTS - Aquatic toxicity:

Surfactant 1:	
96h-LC50 (Rainbow trout)	30 mg/l
Surfactant 1:	
48h-EC50 (Daphnia)	13 mg/l
Surfactant 2:	
96h-LC50 (Rainbow trout)	1 - 10 mg/l
Surfactant 2: 48h-EC50 (Daphnia)	1 - 10 mg/l

**DISPOSAL CONSIDERATIONS:** According to federal or state legislation.

**TRANSPORT INFORMATION:**

Land transport:	Class:	55
Inland waterways transport:	Class:	None
Sea transport:	Class:	None
Air transport:	Class:	None

**REGULATORY INFORMATION:**

"ULTRA ONE" degreaser, a water-based emulsion, is considered non-hazardous under the OSHA hazard communication standard (29 CFR 1910-1200). None of the product's ingredients are found on any list of hazardous carcinogenic or banned chemical agents or materials generated by them. This product contains no chemicals subject to SARA title 3, section 313, part 372 reporting requirements.

This product conforms to EPA norms and guidelines as related to environmentally safe degreasers.

This material safety data sheet and the information it contains are offered to you in good faith as accurate. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. No warranty is made either expressed or implied and the supplier can assume no responsibility for accuracy or completeness of the data contained in this safety data sheet.