

# Safety Data Sheet

Product Name: **MAX FORCE**

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Manufactured by:  
Randall Industries, LLC  
4565 Hemlock Road  
Cherry Tree, PA 15724

## Section I

Emergency Phone Number: 1-800-535-5053  
Phone Number for Information: 1-814-743-6630  
MSDS Revision: Sep 10, 2015

## Ingredient(s):

Alcohol Ethoxylate  
Nonyphenol Ethoxylate

## Section II - Hazardous Ingredients

| CAS No:    | OSHA PEL | ACGIH TLV |
|------------|----------|-----------|
| 68439-46-3 | N/D      | N/D       |
| 9016-45-9  | N/D      | N/D       |

**NOT REGULATED BY D.O.T.**

HMIS: 100

NFPA:

N/A=Not Applicable N/D=Not Determined

## Section III - Physical / Chemical Data

|                                       |  |
|---------------------------------------|--|
| <b>Appearance:</b> Clear amber liquid | <b>Solubility in Water:</b> 100 % at < 80 deg. F |
| <b>Odor:</b> Slight                   | <b>Specific Gravity:</b> 1.0 Water = 1           |
| <b>pH:</b> 9.5                        | <b>Vapor Pressure:</b> 4 mm Hg                   |
| <b>Boiling Point:</b> 212 °F (°C)     | <b>Vapor Density:</b> N/D Air = 1                |
| <b>Melting Point:</b> N/D °F (°C)     | <b>Evaporation Rate:</b> N/D Butyl Acetate = 1   |

## Section IV - Fire And Explosion Hazards

**Flash Point:** None °F (°C) (CC) **Flammable Limits:** N/D **LEL:** N/D **UEL:** N/D

**Extinguishing Media:** Use water fog, foam, dry chemical or Carbon Dioxide.

**Special Fire Fighting Procedures:** Wear an approved self-contained breathing apparatus and protective clothing with full face piece operated in the positive pressure demand mode and full body protection.

**Fire / Explosive Hazards:** May liberate irritating or toxic vapors during combustion or decomposition.

## Section V - Reactivity Data

**Stability:**  Stable  Unstable

**Hazardous Polymerization:**  May occur  Will not occur

**Incompatibility:** Strong oxidizing agents

**Hazardous Decomposition Products:** Carbon monoxide and other organic compound may be released during combustion.

**Conditions to Avoid:** Nitrosating agents(i.e. Sodium Nitrite), extremely high temperatures.

## Section VI - Health Hazard Data

**Primary Routes of Entry:**  Inhalation  Skin Contact  Ingestion

**Health Hazards:** Eye: Moderate irritation.  
Skin: Slightly irritating.  
Inhalation: Mist or vapors may cause irritation of mucous membranes, coughing.

**Carcinogenicity:**  NTP  IARC Monographs  OSHA Regulated  Not a carcinogen

**Signs and Symptoms of Exposure:** Inhalation: Mist or vapors may cause irritation of mucous membranes, coughing.  
Eye: Causes burning and redness and irritation.  
Skin: Prolonged exposure may cause irritation.

**Conditions Generally Aggravated by Exposure:** Preexisting skin disorders may be aggravated with contact.

**Emergency and First Aid Procedures:** Eyes: Flush with water for 15 minutes, if irritation persists get medical attention.  
Skin: Wash thoroughly with water, if irritation persists get medical attention.  
Ingestion: If conscious and able to swallow, induce vomiting. Seek medical attention.

## Section VII - Precautions for Safe Handling and Use

**If Material is Released or Spilled:** Contain liquid to prevent discharge to streams. Spills or releases should be reported to appropriate local, state and federal regulatory agencies.

**Wastes Disposal Method:** Dispose of in accordance with federal, state, and local regulations.

**Precautions for Handling and Storing:** Store between 40 and 120 degrees F.

**Other Precautions:** Keep Out Of Reach Of Children.

## Section VIII - Control Measures

**Respiratory Protection:** None required under normal conditions with adequate ventilation. **Ventilation:** Adequate ventilation

**Protective Gloves:** Rubber gloves

**Eye Protection:** Proper eye protection is recommended.

**Other Protective Equipment:** Do not wear contact lenses. Eye wash and safety shower should be nearby.

**Work/Hygenic Practices:** Wash hands before eating. Launder contaminated clothing before reuse.

