



## SAFETY DATA SHEET

### CLEAN FORCE EZ MULTI-PURPOSE DEGREASER

#### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : CLEAN FORCE EZ MULTI-PURPOSE DEGREASER

Other means of identification : Not applicable

Recommended use : All Purpose Cleaner

Restrictions on use : Reserved for industrial and professional use.

Product dilution information : 2.99 % - 11.98 %

Company : PureForce  
370 N. Wabasha Street  
St. Paul, Minnesota USA 55102  
1-866-444-7450

Emergency telephone : 1-800-328-0026 (US/Canada), 1-651-222-5352 (outside US)

Issuing date : 10/14/2014

#### SECTION 2. HAZARDS IDENTIFICATION

##### GHS Classification

##### Product AS SOLD

Eye irritation : Category 2B  
Skin sensitization : Category 1

##### Product AT USE DILUTION

Not a hazardous substance or mixture.

##### GHS Label element

##### Product AS SOLD

Hazard pictograms :



Signal Word : Warning

Hazard Statements : May cause an allergic skin reaction.  
Causes eye irritation.

Precautionary Statements : **Prevention:**  
Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray. Wash skin thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves.

##### Response:

IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation or rash occurs: Get medical advice/ attention. If eye irritation persists: Get medical advice/ attention. Wash contaminated clothing before reuse.

##### Disposal:

Dispose of contents/ container to an approved waste disposal plant.

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#### Product AT USE DILUTION

##### Precautionary Statements

**Prevention:**  
Wash hands thoroughly after handling.

**Response:**  
Get medical advice/ attention if you feel unwell.

**Storage:**  
Store in accordance with local regulations.

#### Other hazards

: None known.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Product AS SOLD

Pure substance/mixture : Mixture

#### Chemical Name

sodium dodecylbenzene sulfonate

#### CAS-No.

Concentration (%)

25155-30-0 5 - 10

Ethoxylated alkyl sulfate

68585-34-2 1 - 5

Linear Alkylbenzenesulphonates

27323-41-7 1 - 5

d-Limonene

5989-27-5 0.1 - 1

#### Product AT USE DILUTION

No hazardous ingredients

## SECTION 4. FIRST AID MEASURES

#### Product AS SOLD

In case of eye contact : Rinse with plenty of water.

In case of skin contact : Wash off immediately with plenty of water for at least 15 minutes. Use a mild soap if available. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

If swallowed : Rinse mouth. Get medical attention if symptoms occur.

If inhaled : Get medical attention if symptoms occur.

Protection of first-aiders : If potential for exposure exists refer to Section 8 for specific personal protective equipment.

Notes to physician : Treat symptomatically.

#### Product AT USE DILUTION

In case of eye contact : Rinse with plenty of water.

In case of skin contact : Rinse with plenty of water.

If swallowed : Rinse mouth. Get medical attention if symptoms occur.

If inhaled : Get medical attention if symptoms occur.

See toxicological information (Section 11)

## SECTION 5. FIRE-FIGHTING MEASURES

#### Product AS SOLD

Suitable extinguishing media : Use extinguishing measures that are appropriate to local

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|  |   |
|--|---|
| circumstances and the surrounding environment. |   |
| Unsuitable extinguishing media                 | : None known.   |
| Specific hazards during fire fighting          | : Not flammable or combustible.   |
| Hazardous combustion products                  | : Decomposition products may include the following materials:<br>Carbon oxides<br>Nitrogen oxides (NOx)<br>Sulfur oxides<br>Oxides of phosphorus                                |
| Special protective equipment for fire-fighters | : Use personal protective equipment.  |
| Specific extinguishing methods                 | : Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion do not breathe fumes. |

### SECTION 6. ACCIDENTAL RELEASE MEASURES

#### Product AS SOLD

|   |   |
|---|---|
| Personal precautions, protective equipment and emergency procedures | : Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in sections 7 and 8.  |
| Environmental precautions   | : Do not allow contact with soil, surface or ground water.  |
| Methods and materials for containment and cleaning up               | : Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Flush away traces with water. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. |

#### Product AT USE DILUTION

|   |   |
|---|---|
| Personal precautions, protective equipment and emergency procedures | : Refer to protective measures listed in sections 7 and 8.  |
| Environmental precautions   | : No special environmental precautions required.  |
| Methods and materials for containment and cleaning up               | : Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Flush away traces with water. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. |

### SECTION 7. HANDLING AND STORAGE

#### Product AS SOLD

|                             |  |
|-----------------------------|--|
| Advice on safe handling     | : Do not get in eyes, on skin, or on clothing. Wash hands thoroughly after handling. |
| Conditions for safe storage | : Keep out of reach of children. Store in suitable labeled containers.               |

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Storage temperature : 0 °C to 50 °C

#### Product AT USE DILUTION

Advice on safe handling : Wash hands after handling. For personal protection see section 8.

Conditions for safe storage : Keep out of reach of children. Store in suitable labeled containers.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Product AS SOLD

##### Ingredients with workplace control parameters

| Ingredients | CAS-No. | Form of exposure | Permissible concentration            | Basis     |
|-------------|---------|------------------|--------------------------------------|-----------|
| ethanol     | 64-17-5 | TWA              | 1,000 ppm<br>1,900 mg/m <sup>3</sup> | NIOSH REL |
|             |         | TWA              | 1,000 ppm<br>1,900 mg/m <sup>3</sup> | OSHA Z1   |
|             |         | STEL             | 1,000 ppm                            | ACGIH     |

Engineering measures : Effective exhaust ventilation system. Maintain air concentrations below occupational exposure standards.

#### Personal protective equipment

Eye protection : No special protective equipment required.

Hand protection : Wear the following personal protective equipment:  
Standard glove type.  
Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.

Skin protection : No special protective equipment required.

Respiratory protection : No personal respiratory protective equipment normally required.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Wash face, hands and any exposed skin thoroughly after handling.

#### Product AT USE DILUTION

Engineering measures : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

#### Personal protective equipment

Eye protection : No special protective equipment required.

Hand protection : No special protective equipment required.

Skin protection : No special protective equipment required.

Respiratory protection : No personal respiratory protective equipment normally required.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

#### Product AS SOLD

#### Product AT USE DILUTION

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### CLEAN FORCE EZ MULTI-PURPOSE DEGREASER

|   |   |                   |            |
|---|---|-------------------|------------|
| Appearance                              | : | liquid            | liquid     |
| Color                                   | : | purple            | purple     |
| Odor                                    | : | citrus            | citrus     |
| pH                                      | : | 8.4, 100 %        | 6.5 - 6.79 |
| Flash point                             | : | Not applicable    |            |
| Odor Threshold                          | : | No data available |            |
| Melting point/freezing point            | : | No data available |            |
| Initial boiling point and boiling range | : | No data available |            |
| Evaporation rate                        | : | No data available |            |
| Flammability (solid, gas)               | : | No data available |            |
| Upper explosion limit                   | : | No data available |            |
| Lower explosion limit                   | : | No data available |            |
| Vapor pressure                          | : | No data available |            |
| Relative vapor density                  | : | No data available |            |
| Relative density                        | : | 1.021             |            |
| Water solubility                        | : | No data available |            |
| Solubility in other solvents            | : | No data available |            |
| Partition coefficient: n-octanol/water  | : | No data available |            |
| Autoignition temperature                | : | No data available |            |
| Thermal decomposition                   | : | No data available |            |
| Viscosity, kinematic                    | : | No data available |            |
| Explosive properties                    | : | No data available |            |
| Oxidizing properties                    | : | No data available |            |
| Molecular weight                        | : | No data available |            |
| VOC                                     | : | No data available |            |

### SECTION 10. STABILITY AND REACTIVITY

#### Product AS SOLD

|                                    |   |  |
|------------------------------------|---|--|
| Chemical stability                 | : | Stable under normal conditions.  |
| Possibility of hazardous reactions | : | No dangerous reaction known under conditions of normal use.  |
| Conditions to avoid                | : | None known.  |
| Incompatible materials             | : | None known.  |
| Hazardous decomposition products   | : | Decomposition products may include the following materials:<br>Carbon oxides<br>Nitrogen oxides (NOx)<br>Sulfur oxides<br>Oxides of phosphorus |

### SECTION 11. TOXICOLOGICAL INFORMATION

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### CLEAN FORCE EZ MULTI-PURPOSE DEGREASER

Information on likely routes of exposure : Inhalation, Eye contact, Skin contact

#### Potential Health Effects

##### Product AS SOLD

Eyes : Causes eye irritation.  
Skin : May cause allergic skin reaction.  
Ingestion : Health injuries are not known or expected under normal use.  
Inhalation : Health injuries are not known or expected under normal use.  
Chronic Exposure : Health injuries are not known or expected under normal use.

##### Product AT USE DILUTION

Eyes : Health injuries are not known or expected under normal use.  
Skin : Health injuries are not known or expected under normal use.  
Ingestion : Health injuries are not known or expected under normal use.  
Inhalation : Health injuries are not known or expected under normal use.  
Chronic Exposure : Health injuries are not known or expected under normal use.

#### Experience with human exposure

##### Product AS SOLD

Eye contact : Redness, Irritation  
Skin contact : Redness, Irritation, Allergic reactions  
Ingestion : No symptoms known or expected.  
Inhalation : No symptoms known or expected.

##### Product AT USE DILUTION

Eye contact : No symptoms known or expected.  
Skin contact : No symptoms known or expected.  
Ingestion : No symptoms known or expected.  
Inhalation : No symptoms known or expected.

#### Toxicity

##### Product AS SOLD

Acute oral toxicity : Acute toxicity estimate : > 5,000 mg/kg  
Acute inhalation toxicity : No data available  
Acute dermal toxicity : No data available  
Skin corrosion/irritation : No data available

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### CLEAN FORCE EZ MULTI-PURPOSE DEGREASER

|                                   |   |
|-----------------------------------|---|
| Serious eye damage/eye irritation | : Mild eye irritation   |
| Respiratory or skin sensitization | : No data available   |
| Carcinogenicity                   |   |
| IARC                              | No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. |
| OSHA                              | No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.            |
| NTP                               | No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.                |
| Reproductive effects              | : No data available   |
| Germ cell mutagenicity            | : No data available   |
| Teratogenicity                    | : No data available   |
| STOT-single exposure              | : No data available   |
| STOT-repeated exposure            | : No data available   |
| Aspiration toxicity               | : No data available   |
| <b>Ingredients</b>                |   |
| Acute dermal toxicity             | : Ethoxylated alkyl sulfate<br>LD50 Rat: > 2,000 mg/kg  |
|                                   | d-Limonene<br>LD50 Rabbit: > 5,000 mg/kg  |

### SECTION 12. ECOLOGICAL INFORMATION

#### Product AS SOLD

##### Ecotoxicity

Environmental Effects : Harmful to aquatic life with long lasting effects.

#### Product

Toxicity to fish : No data available

Toxicity to daphnia and other aquatic invertebrates : No data available

Toxicity to algae : No data available

#### Ingredients

Toxicity to fish : sodium dodecylbenzene sulfonate  
96 h LC50: 3.2 mg/l

Ethoxylated alkyl sulfate  
96 h LC50 Fish: 28 mg/l

#### Persistence and degradability

No data available

#### Bioaccumulative potential

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### CLEAN FORCE EZ MULTI-PURPOSE DEGREASER

No data available

#### Mobility in soil

No data available

#### Other adverse effects

No data available

## SECTION 13. DISPOSAL CONSIDERATIONS

#### Product AS SOLD

Disposal methods

: The product should not be allowed to enter drains, water courses or the soil. Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility.

Disposal considerations

: Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

#### Product AT USE DILUTION

Disposal methods

: Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility.

Disposal considerations

: Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

## SECTION 14. TRANSPORT INFORMATION

#### Product AS SOLD

The shipper/consignor/sender is responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.

#### Land transport (DOT)

Not dangerous goods

#### Sea transport (IMDG/IMO)

Not dangerous goods

#### Product AT USE DILUTION

Not intended for transport.

## SECTION 15. REGULATORY INFORMATION

#### Product AS SOLD

#### EPCRA - Emergency Planning and Community Right-to-Know

#### CERCLA Reportable Quantity

| Ingredients                     | CAS-No.    | Component RQ (lbs) | Calculated product RQ (lbs) |
|---------------------------------|------------|--------------------|-----------------------------|
| sodium dodecylbenzene sulfonate | 25155-30-0 | 1000               | 15595                       |

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### CLEAN FORCE EZ MULTI-PURPOSE DEGREASER

#### SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

**SARA 311/312 Hazards** : Acute Health Hazard

**SARA 302** : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313** : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

#### California Prop 65

This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

**The ingredients of this product are reported in the following inventories:**

**United States TSCA Inventory :**

On TSCA Inventory

**Canadian Domestic Substances List (DSL) :**

All components of this product are on the Canadian DSL.

**Australia Inventory of Chemical Substances (AICS) :**

not determined

**New Zealand. Inventory of Chemical Substances :**

not determined

**Japan. ENCS - Existing and New Chemical Substances Inventory :**

not determined

**Japan. ISHL - Inventory of Chemical Substances (METI) :**

not determined

**Korea. Korean Existing Chemicals Inventory (KECI) :**

not determined

**Philippines Inventory of Chemicals and Chemical Substances (PICCS) :**

not determined

**China. Inventory of Existing Chemical Substances in China (IECSC) :**

On the inventory, or in compliance with the inventory

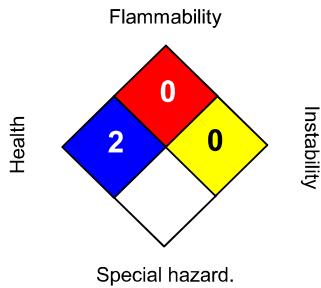
### SECTION 16. OTHER INFORMATION

**Product AS SOLD**

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## CLEAN FORCE EZ MULTI-PURPOSE DEGREASER

### NFPA:



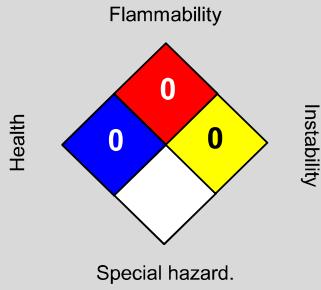
### HMIS III:

|                 |    |
|-----------------|----|
| HEALTH          | 2* |
| FLAMMABILITY    | 0  |
| PHYSICAL HAZARD | 0  |

0 = not significant, 1 =Slight,  
2 = Moderate, 3 = High  
4 = Extreme, \* = Chronic

### Product AT USE DILUTION

### NFPA:



### HMIS III:

|                 |   |
|-----------------|---|
| HEALTH          | 0 |
| FLAMMABILITY    | 0 |
| PHYSICAL HAZARD | 0 |

0 = not significant, 1 =Slight,  
2 = Moderate, 3 = High  
4 = Extreme, \* = Chronic

Issuing date : 10/14/2014  
Version : 1.1  
Prepared by : Regulatory Affairs

REVISED INFORMATION: Significant changes to regulatory or health information for this revision is indicated by a bar in the left-hand margin of the SDS.

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.