

**SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**

Product name : Eco One ® Super Cleaner

Other means of identification : Not applicable

Recommended use : Degreaser

Restrictions on use : Reserved for industrial and professional use.

Product dilution information : 1.0% - 50.0%

Company : Solo Solutions, Inc.  
PO Box 2584  
Kernersville, NC 27285  
(336) 992-2585

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Emergency telephone : National Poison Control (800) 222-1222

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**SECTION 2: HAZARDS IDENTIFICATION**

**GHS Classification**

**Product AS SOLD**

Eye irritation : Category 2B

**Product AT Use DILUTION**

Eye irritation : Category 2B

**GHS Label element**

**Product AS SOLD**

Signal Word : Warning

Hazard Statements : Causes eye irritation.

Precautionary Statements : **Prevention:**  
Wash skin thoroughly after handling.  
**Response:**  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**Product AT Use DILUTION**

Signal Word	: Warning
Hazard Statements	: Causes eye irritation.
Precautionary Statements	: <b>Prevention:</b> Wash skin thoroughly after handling. <b>Response:</b> IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**Other hazards** : None known.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****Product AS SOLD**

Pure substance/mixture : Mixture

Chemical Name	CAS-No.	Concentration (%)
Sodium Xylenesulfonate	1300-72-7	5 - 10
ethylenediamine tetraacetate	64-02-8	5 - 10
surfactant blend	Trade secret	1 - 5
potassium hydrate (buffering agent)	1310-58-3	0.1 - 1

**Product AT USE DILUTION**

Chemical Name	CAS-No.	Concentration (%)
Sodium Xylenesulfonate	1300-72-7	1 - 5
ethylenediamine tetraacetate	64-02-8	1 - 5
surfactant blend	Trade secret	1 - 5

**SECTION 4: FIRST AID MEASURES****Product AS SOLD**

In case of eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
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.
Protection of first-aiders	: No special precautions are necessary for first aid responders.
Notes to physician	: Treat symptomatically.
Most important symptoms and effects, both acute and delayed	: See Section 11 for more detailed information on health effects and symptoms.

**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.

**SECTION 5: FIRE-FIGHTING MEASURES**

**Product AS SOLD**

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local 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:  
 Carbon oxides  
 Nitrogen oxides (NOx)  
 Sulfur oxides  
 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 : 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 : 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.

**SECTION 7: Handling and storage**

**Product AS SOLD**

- Advice on safe handling : Wash hands thoroughly after handling.
- Conditions for safe storage : Do not store near acids. Keep out of reach of children. Store in suitable labeled containers.
- Storage temperature : 0°C to 50°C

**Product AT Use DILUTION**

- Advice on safe handling : Wash hands thoroughly after handling.
- Conditions for safe storage : Do not store near acids. 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**

**Contains no substances with occupational exposure limit values.**

- 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.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.

**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**

	<b>Product AS SOLD</b>	<b>Product AT USE DILUTION</b>
Appearance	: liquid	liquid
Color	: clear	clear
Odor	: N/A	N/A
pH	: 9 - 10.5	9 - 10.5
Flash point	: Not applicable, does not sustain combustion.	
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	: 1.12 - 1.15
Water solubility	: Soluble
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	: The substance or mixture is not classified as oxidizing.
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	: Acids Strong acids
Hazardous decomposition products	: Decomposition products may include the following materials: Carbon oxides Nitrogen oxides (NOx) Sulfur oxides Oxides of phosphorus

**SECTION 11: TOXICOLOGICAL INFORMATION**

**Potential Health Effects**

**Product AS SOLD**

**Product AT Use DILUTION**

Eyes	: Causes eye irritation.
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	: No symptoms known or expected.
Ingestion	: No symptoms known or expected.
Inhalation	: No symptoms known or expected.

**Product AT Use DILUTION**

Eyes	: Redness, irritation
Skin	: 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	: Mild skin irritation
Serious eye damage/eye irritation	: Mild skin irritation
Respiratory or skin sensitization	: No data available
Carcinogenicity	: No data available

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

**Ingredients**

Acute dermal toxicity : No data available

**SECTION 12: ECOLOGICAL INFORMATION**

**Product AS SOLD**

**Ecotoxicity**

**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 : ethylenediamine tetraacetate  
96 h LC50 Fish: 121 mg/l  
Toxicity to daphnia and other aquatic invertebrates : Potassium hydrate  
96 h EC50: 86 mg/l  
Toxicity to algae : Sodium Xylenesulfonate  
96 h EC50: 230 mg/l

**Persistence and degradability**

No data available

**Bioaccumulative potential**

No data available

**Mobility in soil**

No data available



**Other adverse effects**

No data available

**SECTION 13: DISPOSAL CONSIDERATIONS**

**Product AS SOLD**

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

Disposal considerations : Dispose of any 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 practical, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility.

Disposal considerations : Dispose of any 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)
Potassium hydrate	1310-58-3	1000	119048

**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:**

**1907/2006 (EU):**

Not determined

**Switzerland. New notified substances and declared preparations:**

On the inventory, or in compliance with the inventory.

**United States TSCA Inventory:**

On TSCA Inventory

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

All components of this product are on the Canadian DSL.

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

On the inventory, or in compliance with the inventory.

**New Zealand Inventory of Chemical Substances:**

On the inventory, or in compliance with the inventory.

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

On the inventory, or in compliance with the inventory.

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

Not determined.

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

On the inventory, or in compliance with the inventory.

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

On the inventory, or in compliance with the inventory.

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**SECTION 16: Other information**

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**Product AS SOLD**

**HMIS III:**

<b>HEALTH</b>	1
<b>FLAMMABILITY</b>	0
<b>PHYSICAL HAZARD</b>	0

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

**Product AT USE DILUTION**

**HMIS III:**

<b>HEALTH</b>	0
<b>FLAMMABILITY</b>	0
<b>PHYSICAL HAZARD</b>	0

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

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The information provided in the 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.