

SDS Revision Date: 05/21/2015

1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product Identity OW 7900
Alternate Names OW 7900

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use Contact ChemStation representative.
Application Method Contact ChemStation representative.

1.3. Details of the supplier of the safety data sheet

Company Name One Way Products, Inc.
514 East Ransom
Kalamazoo MI 49007

Emergency

CHEMTREC (USA) (800) 424-9300
Customer Service: One Way Products, Inc. (269) 343-3772

2. Hazard identification of the product

2.1. Classification of the substance or mixture

Skin Irrit. 2;H315 Causes skin irritation.
Eye Dam. 1;H318 Causes serious eye damage.
Skin Sens. 1;H317 May cause an allergic skin reaction.
Aquatic Chronic 2;H411 Toxic to aquatic life with long lasting effects.

2.2. Label elements

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.



Danger

H315 Causes skin irritation.
 H317 May cause an allergic skin reaction.
 H318 Causes serious eye damage.
 H411 Toxic to aquatic life with long lasting effects.

[Prevention]:

P261 Avoid breathing dust / fume / gas / mist / vapors / spray.
 P264 Wash thoroughly after handling.
 P272 Contaminated work clothing should not be allowed out of the workplace.
 P273 Avoid release to the environment.
 P280 Wear protective gloves / eye protection / face protection.

[Response]:

P302+352 IF ON SKIN: Wash with plenty of soap and water.
 P305+351+338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.
 P310 Immediately call a POISON CENTER or doctor / physician.
 P313 Get medical advice / attention.
 P321 Specific treatment (see information on this label).
 P333+313 If skin irritation or a rash occurs: Get medical advice / attention.
 P362 Take off contaminated clothing and wash before reuse.
 P363 Wash contaminated clothing before reuse.
 P391 Collect spillage.

[Storage]:

No GHS storage statements

[Disposal]:

P501 Dispose of contents / container in accordance with local / national regulations.

3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

| Ingredient/Chemical Designations | Weight % | GHS Classification | Notes |
|---|----------|--|-------|
| D-Limonene CAS Number: 0005989-27-5 | 10 - 25 | Flam. Liq. 3;H226 Skin Irrit. 2;H315 Skin Sens. 1;H317 Aquatic Acute 1;H400 Aquatic Chronic 1;H410 | [1] |
| longchain alcohol alkoxyated CAS Number: 0166736-08-9 | 1.0 - 10 | Acute Tox. 4;H302 Eye Dam. 1;H318 | [1] |
| Dodecylbenzenesulfonic acid. CAS Number: 0027176-87-0 | 1.0 - 10 | Acute Tox. 4;H302 Skin Corr. 1B;H314 Acute Tox. 3;H311 Eye Dam. 1;H318 | [1] |

| | | | |
|--|-----------------|---|---------------|
| Ethanolamine CAS Number: 0000141-43-5 | 1.0 - 10 | Acute Tox. 4;H332 Acute Tox. 4;H312 Acute Tox. 4;H302 Skin Corr. 1B;H314 | [1][2] |
|--|-----------------|---|---------------|

[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

*The full texts of the phrases are shown in Section 16.

4. First aid measures

4.1. Description of first aid measures

General In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

Inhalation Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.

Eyes Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.

Skin Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.

Ingestion If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

4.2. Most important symptoms and effects, both acute and delayed

Overview No specific symptom data available. See section 2 for further details.

Eyes Causes serious eye damage.

Skin May cause an allergic skin reaction. Causes skin irritation.

5. Fire-fighting measures

5.1. Extinguishing media

Recommended extinguishing media; alcohol resistant foam, CO₂, powder, water spray. Do not use; water jet.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: No hazardous decomposition data available. Avoid breathing dust / fume / gas / mist / vapors / spray.

5.3. Advice for fire-fighters

Cool closed containers exposed to fire by spraying them with water. Do not allow run off water and contaminants from fire fighting to enter drains or water ways.

ERG Guide No. 128

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures Put on appropriate personal protective equipment (see section 8).

6.2. Environmental precautions

Do not allow spills to enter drains or waterways.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

6.3. Methods and material for containment and cleaning up

Ventilate the area and avoid breathing vapors. Take the personal protective measures listed in section 8.

Contain and absorb spillage with non-combustible materials e.g. sand, earth, vermiculite. Place in closed containers outside buildings and dispose of according to the Waste Regulations. (See section 13).

Clean, preferably with a detergent. Do not use solvents.

Do not allow spills to enter drains or watercourses.

If drains, sewers, streams or lakes are contaminated, inform the local water company immediately. In the case of contamination of rivers, streams or lakes the Environmental Protection Agency should also be informed.

7. Handling and storage

7.1. Precautions for safe handling

The requirements of the Highly Flammable Liquids and Liquefied Petroleum Gases Regulations apply if the flashpoint is between 21°C and 32°C.

See section 2 for further details. - [Prevention]:

7.2. Conditions for safe storage, including any incompatibilities Handle containers carefully to prevent damage and spillage.

Naked flames and smoking should not be permitted in storage areas. It is recommended that fork lift trucks and electrical equipment are protected to the appropriate standard.

Incompatible materials: Strong acids, alkalis, oxidizers, amines, and aluminum in base forming metals. See section 2 for further details. - [Storage]:

7.3. Specific end use(s) No data available.

8. Exposure controls and personal protection

8.1. Control parameters

| Exposure | | | |
|-----------------|------------------------------|---------------|---|
| CAS No. | Ingredient | Source | Value |
| 0000141-43-5 | Ethanolamine | OSHA | TWA 3 ppm (6 mg/m3) |
| | | ACGIH | TWA: 3 ppm STEL: 6 ppm |
| | | NIOSH | TWA 3 ppm (8 mg/m3) ST 6 ppm (15 mg/m3) |
| | | Supplier | No Established Limit |
| 0005989-27-5 | D-Limonene | OSHA | No Established Limit |
| | | ACGIH | No Established Limit |
| | | NIOSH | No Established Limit |
| | | Supplier | No Established Limit |
| 0027176-87-0 | Dodecylbenzenesulfonic acid. | OSHA | No Established Limit |
| | | ACGIH | No Established Limit |
| | | NIOSH | No Established Limit |
| | | Supplier | No Established Limit |
| 0166736-08-9 | longchain alcohol alkoxyated | OSHA | No Established Limit |
| | | ACGIH | No Established Limit |
| | | NIOSH | No Established Limit |
| | | Supplier | No Established Limit |

Carcinogen Data

| CAS No. | Ingredient | Source | Value |
|----------------|------------------------------|---------------|---|
| 0000141-43-5 | Ethanolamine | OSHA | Select Carcinogen: No |
| | | NTP | Known: No; Suspected: No |
| | | IARC | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |
| 0005989-27-5 | D-Limonene | OSHA | Select Carcinogen: No |
| | | NTP | Known: No; Suspected: No |
| | | IARC | Group 1: No; Group 2a: No; Group 2b: No; Group 3: Yes; Group 4: No; |
| 0027176-87-0 | Dodecylbenzenesulfonic acid. | OSHA | Select Carcinogen: No |
| | | NTP | Known: No; Suspected: No |
| | | IARC | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |
| 0166736-08-9 | longchain alcohol alkoxyated | OSHA | Select Carcinogen: No |
| | | NTP | Known: No; Suspected: No |
| | | IARC | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |

8.2. Exposure controls

Respiratory If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.

Eyes Protective safety glasses recommended.

Skin Wear overalls to keep skin contact to a minimum.

Engineering Controls Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.

Other Work Practices Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details. - [Prevention]:

9. Physical and chemical properties

| | |
|--|--|
| Appearance | White Liquid |
| Odor | Citrus orange |
| Odor threshold | Not Measured |
| pH | 9.7 - 10.4 |
| Melting point / freezing point | Not Measured |
| Initial boiling point and boiling range | >212 deg F |
| Flash Point | 115 degrees F PMCC (combustible) |
| Evaporation rate (Ether = 1) | 0.33 |
| Flammability (solid, gas) | Not Applicable |
| Upper/lower flammability or explosive limits | Lower Explosive Limit: Not Measured Upper Explosive Limit: Not Measured |
| Vapor pressure (Pa) | Not Determined |
| Vapor Density | Not Determined |
| Specific Gravity | 0.963 - 0.973 |
| Solubility in Water | Not Measured |
| Partition coefficient n-octanol/water (Log Kow) | Not Measured |
| Auto-ignition temperature | Not Measured |
| Decomposition temperature | Not Measured |
| Viscosity (cSt) | Not Measured |
| Foaming | Low |

9.2. Other information
No other relevant information.

10. Stability and reactivity

10.1. Reactivity

Hazardous Polymerization will not occur.

10.2. Chemical stability

Stable under normal circumstances.

10.3. Possibility of hazardous reactions No data available.

10.4. Conditions to avoid No data available.

10.5. Incompatible materials

Strong acids, alkalis, oxidizers, amines, and aluminum in base forming metals. **10.6. Hazardous decomposition products** No hazardous decomposition data available.

11. Toxicological information

Acute toxicity

| Ingredient | Oral LD50, mg/kg | Skin LD50, mg/kg | Inhalation Vapor LD50, mg/L/4hr | Inhalation Dust/Mist LD50, mg/L/4hr | Inhalation Gas LD50, ppm |
|--|------------------------------|---------------------------------|---------------------------------|-------------------------------------|--------------------------|
| D-Limonene - (5989-27-5) | 4,400.00, Rat Category: 5 | 5,000.00, Rabbit Category: 5 | No data available | No data available | No data available |
| longchain alcohol alkoxyated - (166736-08-9) | No data available | No data available | No data available | No data available | No data available |
| Dodecylbenzenesulfonic acid. - (27176-87-0) | No data available | No data available | No data available | No data available | No data available |
| Ethanolamine - (141-43-5) | 1,720.00, Rat Category: 4 | 1,015.00, Rabbit Category: 4 | No data available | No data available | No data available |

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

| Classification | Category | Hazard Description |
|-------------------------------|----------|----------------------------|
| Acute toxicity (oral) | --- | Not Applicable |
| Acute toxicity (dermal) | --- | Not Applicable |
| Acute toxicity (inhalation) | --- | Not Applicable |
| Skin corrosion/irritation | 2 | Causes skin irritation. |
| Serious eye damage/irritation | 1 | Causes serious eye damage. |
| Respiratory sensitization | --- | Not Applicable |

| | | |
|------------------------|-----|--------------------------------------|
| Skin sensitization | 1 | May cause an allergic skin reaction. |
| Germ cell mutagenicity | --- | Not Applicable |
| Carcinogenicity | --- | Not Applicable |
| Reproductive toxicity | --- | Not Applicable |
| STOT-single exposure | --- | Not Applicable |
| STOT-repeated exposure | --- | Not Applicable |
| Aspiration hazard | --- | Not Applicable |

12. Ecological information

12.1. Toxicity

No additional information provided for this product. See Section 3 for chemical specific data. Toxic to aquatic life with long lasting effects. **Aquatic**

Ecotoxicity

| Ingredient | 96 hr LC50 fish, mg/l | 48 hr EC50 crustacea, mg/l | ErC50 algae, mg/l |
|--|-----------------------------|----------------------------|--|
| D-Limonene - (5989-27-5) | 0.702, Pimephales promelas | 0.577, Daphnia magna | Not Available |
| longchain alcohol alkoxyated - (166736-08-9) | Not Available | Not Available | Not Available |
| Dodecylbenzenesulfonic acid. - (27176-87-0) | Not Available | Not Available | Not Available |
| Ethanolamine - (141-43-5) | 150.00, Oncorhynchus mykiss | 65.00, Daphnia magna | 15.00 (72 hr), Desmodesmus subspicatus |

12.2. Persistence and degradability This product is fully biodegradable.

12.3. Bioaccumulative potential

Not Measured

12.4. Mobility in soil No data available.

12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals. **12.6. Other adverse effects** No data available.

13. Disposal considerations

13.1. Waste treatment methods

Observe all federal, state and local regulations when disposing of this substance.

14. Transport information

| | |
|----------------------------------|--|
| 14.1. UN number | NA1993 |
| 14.2. UN proper shipping name | Compound, cleaning, liquid, (d-Limonene) |
| 14.3. Transport hazard class(es) | 3 |
| 14.4. Packing group | III |

15. Regulatory information

| | |
|--|---|
| Regulatory Overview | The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented. |
| Toxic Substance Control Act (TSCA) | All components of this material are either listed or exempt from listing on the TSCA Inventory. |
| WHMIS Classification | D2B E |
| US EPA Tier II Hazards | Fire: No |

Sudden Release of Pressure: No
Reactive: No
Immediate (Acute): Yes
Delayed (Chronic): No

EPCRA 311/312 Chemicals and RQs (lbs):

Dodecylbenzenesulfonic acid. (1,000.00)

EPCRA 302 Extremely

Hazardous : (No Product

Ingredients Listed)

EPCRA 313 Toxic Chemicals:

(No Product Ingredients Listed)

Proposition 65 - Carcinogens

(>0.0%): (No Product

Ingredients Listed)

Proposition 65 - Developmental Toxins

(>0.0%): (No Product Ingredients Listed)

Proposition 65 - Female Repro Toxins

(>0.0%): (No Product Ingredients

Listed)

Proposition 65 - Male Repro Toxins

(>0.0%): (No Product Ingredients

Listed) **N.J. RTK Substances (>1%):**

Dodecylbenzenesulfonic acid.

Ethanolamine

Penn RTK Substances (>1%):

Dodecylbenzenesulfonic acid.

Ethanolamine

| |
|------------------------------|
| 16. Other information |
|------------------------------|

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H226 Flammable liquid and vapor.

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H332 Harmful if inhaled.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

This is the first version in the GHS SDS format. Listings of changes from previous versions in other formats are not applicable.

End of Document