

## Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 10/09/2018

Reviewed on 10/09/2018

### 1 Identification

• **Product Identifier**

• **Trade Name: QED-T**

• **Relevant identified uses of the substance or mixture and uses advised against:**

Environmentally Preferred Solvent

• **Product Description:**

QED-T is an exceptional solvent degreaser formulated without chlorinated solvents or other hazardous ingredients. The base for QED-T is a unique high-grade hydrocarbon distillate that dries very quickly without leaving a residue. QED-T is safe for use on all types of electrical apparatus, ferrous and non-ferrous metals and many rubber and plastic surfaces.

Product Name	Part No.	Packaging
QED-T	0150-55	55 Gal Drum
QED-T	0150-5	5 Gal Pail
QED-T	0150-1	4 x 1 Gal Case

• **Application of the substance / the mixture:** Environmentally Preferred Solvent

• **Details of the Supplier of the Safety Data Sheet:**

• **Manufacturer/Supplier:**

Ecolink  
2177A Flintstone Drive  
Tucker, GA 30084  
www.ecolink.com  
800-886-8240 or 770-621-8240 (8-5 EST)

email: info@ecolink.com

• **Emergency telephone number:**

Inside the U.S.: 800-535-5053 (INFOTRAC, 24 HOURS)  
Outside the U.S.: 352-323-3500 (INFOTRAC, 24 HOURS)

### \* 2 Hazard(s) Identification

• **Classification of the substance or mixture:**



Flame

Flam. Liq. 3 H226 Flammable liquid and vapor.



Health hazard

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.



Skin Irrit. 2 H315 Causes skin irritation.

Skin Sens. 1 H317 May cause an allergic skin reaction.

• **Label elements:**

• **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

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**Trade Name: QED-T**

· **Hazard pictograms:**



GHS02 GHS07 GHS08

· **Signal word:** Danger

· **Hazard-determining components of labeling:**

Isoparaffinic Hydrocarbon  
d-limonene

· **Hazard statements:**

H226 Flammable liquid and vapor.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H304 May be fatal if swallowed and enters airways.

· **Precautionary statements:**

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
P233 Keep container tightly closed.  
P240 Ground/bond container and receiving equipment.  
P241 Use explosion-proof electrical/ventilating/lighting/equipment.  
P242 Use only non-sparking tools.  
P243 Take precautionary measures against static discharge.  
P261 Avoid breathing dust/fume/gas/mist/vapors/spray.  
P264 Wash thoroughly after handling.  
P272 Contaminated work clothing must not be allowed out of the workplace.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P301+P310 If swallowed: Immediately call a poison center/doctor.  
P321 Specific treatment (see supplementary first aid instructions on this Safety Data Sheet).  
P331 Do NOT induce vomiting.  
P302+P352 If on skin: Wash with plenty of water.  
P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P362+P364 Take off contaminated clothing and wash it before reuse.  
P332+P313 If skin irritation occurs: Get medical advice/attention.  
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
P363 Wash contaminated clothing before reuse.  
P370+P378 In case of fire: Use for extinction: CO2, powder or water spray.  
P403+P235 Store in a well-ventilated place. Keep cool.  
P405 Store locked up.  
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Unknown acute toxicity:**

This value refers to knowledge of known, established toxicological or ecotoxicological values.

· **Classification system:** NFPA/HMIS Definitions: 0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme

· **NFPA ratings (scale 0 - 4)**



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• **HMS-ratings (scale 0 - 4)**

HEALTH	1	Health = 1
FIRE	2	Fire = 2
REACTIVITY	0	Physical Hazard = 0

• **Hazard(s) not otherwise classified (HNOC):** None known

\* **3 Composition/Information on Ingredients**

- **Chemical characterization: Mixtures**
- **Description:** Mixture of substances listed below with non-hazardous additions.

• **Dangerous Components:**

CAS: 64742-48-9	Isoparaffinic Hydrocarbon ⚠ Asp. Tox. 1, H304; Flam. Liq. 4, H227	60-90%
CAS: 5989-27-5 RTECS: GW 6360000	d-limonene ⚠ Asp. Tox. 1, H304; ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410; ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317; Flam. Liq. 4, H227	25-50%

• **Additional information:**

The exact percentages of the ingredients of this mixture are considered to be proprietary and are withheld in accordance with the provisions of paragraph (i) of §1910.1200 of 29 CFR 1910.1200 Trade Secrets.

\* **4 First-Aid Measures**

- **Description of first aid measures**
- **General information:**  
Symptoms of poisoning may occur after exposure to dust, fumes or particulates; seek medical attention if feeling unwell.
- **After inhalation:**  
Supply fresh air. If required, provide artificial respiration. Consult doctor if symptoms persist.  
In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact:**  
Immediately wash with water and soap and rinse thoroughly.  
If skin irritation occurs, consult a doctor.
- **After eye contact:**  
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:**  
Rinse out mouth and then drink plenty of water.  
Do not induce vomiting.  
If vomiting does occur, repeat fluid administration  
If vomiting occurs, the head should be kept low so that the vomit does not enter the lungs (aspiration). Once the vomiting ceases, place the person in the recovery position with the legs slightly raised.  
If symptoms develop and/or persist, seek medical attention.
- **Information for doctor**
- **Most important symptoms and effects, both acute and delayed:** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed:**  
No further relevant information available.

\* **5 Fire-Fighting Measures**

- **Extinguishing media**
- **Suitable extinguishing agents:** Regular foam, water fog, carbon dioxide or dry chemical. Class B.  
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- **For safety reasons unsuitable extinguishing agents:**  
Water with full jet  
No further relevant information.
- **Special hazards arising from the substance or mixture:**  
Combustible liquid. Vapors can travel to a source of ignition and flash back.  
Explosive mixtures may occur at temperatures at or above flashpoint.  
If incinerated product will release the following toxic fumes: Carbon Oxides, unburnt hydrocarbon particulate and Sulfur Oxides.
- **Advice for firefighters** Use water spray to cool unopened containers.
- **Special protective equipment for firefighters:**  
As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent) and full protective gear to prevent contact with skin and eyes.

### \* 6 Accidental Release Measures

- **Personal precautions, protective equipment and emergency procedures:**  
Ensure adequate ventilation.  
Keep people at a distance and stay upwind.  
Avoid contact with skin, eyes and clothing.  
Keep away from ignition sources  
Wear protective equipment. Keep unprotected persons away.
- **Environmental precautions:** Do not allow to enter sewers/surface or ground water.
- **Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (i.e. sand, diatomite, acid binders, universal binders, sawdust).  
Dispose contaminated material as waste according to section 13.  
Ensure adequate ventilation.  
Do not flush with water or aqueous cleansing agents  
Dispose of the collected material according to regulations.
- **Reference to other sections:**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.
- **Protective Action Criteria for Chemicals**

• **PAC-1:**

64742-48-9	Isoparaffinic Hydrocarbon	350 mg/m <sup>3</sup>
5989-27-5	d-limonene	15 ppm

• **PAC-2:**

64742-48-9	Isoparaffinic Hydrocarbon	1,800 mg/m <sup>3</sup>
5989-27-5	d-limonene	67 ppm

• **PAC-3:**

64742-48-9	Isoparaffinic Hydrocarbon	40,000 mg/m <sup>3</sup>
5989-27-5	d-limonene	170 ppm

### 7 Handling and Storage

- **Handling**
- **Precautions for safe handling:**  
Avoid contact with skin, eyes and clothing  
Keep away from sources of ignition.  
Ensure good ventilation/exhaustion at the workplace.  
Prevent formation of aerosols.

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Keep receptacles tightly sealed.

• **Information about protection against explosions and fires:**

Do not spray on a naked flame or any incandescent material.

Keep ignition sources away - Do not smoke.

Protect from heat.

Protect against electrostatic charges.

• **Conditions for safe storage, including any incompatibilities**

Store away from strong acids, strong bases, strong oxidizing agents and strong reducing agents.

• **Storage**

• **Requirements to be met by storerooms and receptacles:**

Store in a well ventilated place.

Store in a cool, dry place away from sparks and flame.

Do not store in direct sunlight.

• **Information about storage in one common storage facility:** Not required.

• **Further information about storage conditions:**

Keep receptacle tightly sealed.

Protect from heat and direct sunlight.

• **Specific end use(s):** No further relevant information available.

**\* 8 Exposure Controls/Personal Protection**

• **Additional information about design of technical systems:** No further data; see section 7.

• **Control parameters:**

All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94). Use mechanical (general) ventilation for storage areas. Use appropriate ventilation as required to keep Exposure Limits in Air below TLV & PEL limits.

• **Components with occupational exposure limits:**

**64742-48-9 Isoparaffinic Hydrocarbon**

TWA Short-term value: 600 mg/m<sup>3</sup>, 100 ppm

Long-term value: 300 mg/m<sup>3</sup>, 50 ppm

**5989-27-5 d-limonene**

TWA Short-term value: 10 mg/m<sup>3</sup>

• **Additional information:** The lists that were valid during the creation of this SDS were used as basis.

• **Exposure controls:**

• **Personal protective equipment**

• **General protective and hygienic measures:**

The usual precautionary measures for handling chemicals should be followed.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing and wash before reuse.

Wash hands before breaks and at the end of work.

Avoid contact with the skin.

Avoid contact with the eyes and skin.

• **Breathing equipment:**

Not necessary if room is well-ventilated.

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure, use respiratory protective device that is independent of circulating air.

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· **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Select glove material based on penetration times, rates of diffusion and degradation.

· **Material of gloves:**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material:**

The exact break-through time has to be determined and observed by the manufacturer of the protective gloves.

· **Eye protection:**



Tightly sealed goggles

· **Body protection:**



Protective work clothing

### \* 9 Physical and Chemical Properties

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

**Form:**

Liquid

**Color:**

Clear, colorless

· **Odour:**

Very light citrus Terpene

· **Odor threshold:**

Not determined.

· **pH-value:**

Not determined.

· **Change in condition**

**Melting point/Melting range:**

Not determined.

**Boiling point/Boiling range:**

≥173 °C (≥343.4 °F)

· **Flash point:**

40 °C (104 °F)

· **Flammability (solid, gaseous):**

Not applicable.

· **Ignition temperature:**

≥240 °C (≥464 °F)

· **Decomposition temperature:**

Not determined.

· **Auto igniting:**

Product is not self-igniting.

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- **Danger of explosion:** Product is not explosive. However, formation of explosive air/vapor mixtures are possible.
- **Explosion limits:**
  - Lower:** 0.7 Vol %
  - Upper:** 5.6 Vol %
- **Vapor pressure @ 20 °C (68 °F):** ≤2.3 hPa (≤1.7 mm Hg)
- **Density @ 20 °C (68 °F):** 0.8071 g/cm<sup>3</sup> (6.7352 lbs/gal)
- **Relative density:** Not determined.
- **Vapor density @ 20 °C (68 °F):** 4.94 g/cm<sup>3</sup> (41.2243 lbs/gal) (air=1)
- **Evaporation rate @ 20 °C (68 °F):** 0.2 (nBuAc=1)
- **Solubility in / Miscibility with:**
  - Water:** Negligible
- **Partition coefficient (n-octanol/water):** Not determined.
- **Viscosity:**
  - Dynamic:** Not determined.
  - Kinematic:** Not determined.
- **Solvent content:**
  - Organic solvents:** 35.0 %
  - VOC content:** 35.00 %
- **Solids content:** 0.0 %
- **Other information:** No further relevant information available.

### \* 10 Stability and Reactivity

- **Reactivity:** No further relevant information available.
- **Chemical stability:** Stable under normal conditions.
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions:** No dangerous reactions known.
- **Conditions to avoid:** Elevated temperatures; decomposes with heat. Sources of ignition such as sparks, hot spots, welding, flames.
- **Incompatible materials:** Strong acids, strong bases, strong oxidizing agents and strong reducing agents.
- **Hazardous decomposition products:** Carbon Oxides and Sulfur Oxides.

### \* 11 Toxicological Information

- **Information on toxicological effects:**
- **Acute toxicity:**

· **LD/LC50 values that are relevant for classification:**

64742-48-9 Isoparaffinic Hydrocarbon		
Oral	LD50	>5,000 mg/kg (Rat)
Dermal	LD50	>3,000 mg/kg (rab)
Inhalative	LC50/4 h	>5,000 mg/l (Rat)
	LC50/96 hours	>100 mg/l (Trout)
5989-27-5 d-limonene		
Oral	LD50	4,400 mg/kg (Rat) Remarks: Behavioral: Change in motor activity (specific assay). Respiratory disorder Skin and Appendages: Other: Hair

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Dermal	LD50	>5,000 mg/kg (Rabbit)
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- **Primary irritant effect:**
- **On the skin:**  
Irritant to skin and mucous membranes.  
May cause an allergic skin reaction.
- **On the eye:** No irritating effect.
- **Sensitization:** Sensitization possible through skin contact.
- **Additional toxicological information:**  
The product shows the following dangers according to internally approved calculation methods for preparations:  
Irritant
- **Carcinogenic categories:**
- **IARC (International Agency for Research on Cancer):**  
Group 1 - Carcinogenic to humans  
Group 2A - Probably carcinogenic to humans  
Group 2B - Possibly carcinogenic to humans  
Group 3 - Not classifiable as to its carcinogenicity to humans  
Group 4 - Probably not carcinogenic to humans

5989-27-5	d-limonene	3
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- **NTP (National Toxicology Program):**  
None of the ingredients are listed.

- **OSHA-Ca (Occupational Safety & Health Administration):**  
None of the ingredients are listed.

**\* 12 Ecological Information**

- **Toxicity:**
  - **Aquatic toxicity:**
- |   |   |
|---|---|
| <b>64742-48-9 Isoparaffinic Hydrocarbon</b> |   |
| EC50  | >100 mg/l (Green algae)                       |
|   | >100 mg/l (Daphnia)                           |
| <b>5989-27-5 d-limonene</b>                 |   |
| EC50  | 0.36 mg/l (Daphnia) (OECD Test Guideline 202) |

- **Persistence and degradability:** No further relevant information available.
- **Behavior in environmental systems:**
- **Bioaccumulative potential:** No further relevant information available.
- **Mobility in soil:** No further relevant information available.
- **Additional ecological information:**
- **General notes:**  
Do not allow product to reach ground water, water course or sewage system.  
Danger to drinking water if even small quantities leak into the ground.
- **Results of PBT and vPvB assessment:**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects:** No further relevant information available.

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### \* 13 Disposal Considerations

• **Waste treatment methods**

• **Recommendation:**

Observe all federal, state and local environmental regulations when disposing of this material. QED-T liquid is to be disposed of according to local, state, and federal regulations. Please call us if you need additional disposal information.

• **Uncleaned packaging**

• **Recommendation:** Dispose of as unused product.

### \* 14 Transport Information

• **UN-Number:**

• **DOT**

Non-Regulated Material

• **ADR/ADN, IMDG, IATA**

UN1993

• **UN proper shipping name:**

• **DOT**

Non-Regulated Material

• **ADR/ADN**

UN1993 Flammable liquids, n.o.s. (d-limonene, Flammable liquids, n.o.s.)

• **IMDG**

FLAMMABLE LIQUID, N.O.S. (d-limonene, FLAMMABLE LIQUID, N.O.S.), MARINE POLLUTANT

• **IATA**

FLAMMABLE LIQUID, N.O.S. (d-limonene, FLAMMABLE LIQUID, N.O.S.)

• **Transport hazard class(es):**

• **DOT**

• **Class:**

Non-Regulated Material

• **ADR/ADN**



• **Class:**

3 (F1) Flammable liquids

• **Label:**

3

• **IMDG**



• **Class:**

3 Flammable liquids

• **Label:**

3

• **IATA**



• **Class:**

3 Flammable liquids

• **Label:**

3 (6.1)

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<ul style="list-style-type: none"> <li>· <b>Packing group:</b></li> <li>· <b>DOT</b></li> <li>· <b>ADR/ADN, IMDG, IATA</b></li> <li>· <b>Environmental hazards:</b></li> <li>· <b>Special precautions for user:</b></li> <li>· <b>Danger code (Kemler):</b></li> <li>· <b>EMS Number:</b></li> <li>· <b>Stowage Category</b></li> <li>· <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:</b></li> <li>· <b>Transport/Additional information:</b></li> </ul>	<p>Non-Regulated Material III Product contains environmentally hazardous substances: d-limonene Warning: Flammable liquids 30 F-E,S-E A Not applicable.</p>
<ul style="list-style-type: none"> <li>· <b>ADR/ADN</b></li> <li>· <b>Excepted quantities (EQ):</b></li> </ul>	<p>Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml</p>
<ul style="list-style-type: none"> <li>· <b>IMDG</b></li> <li>· <b>Limited quantities (LQ):</b></li> <li>· <b>Excepted quantities (EQ):</b></li> </ul>	<p>5L Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml</p>
<ul style="list-style-type: none"> <li>· <b>UN "Model Regulation":</b></li> </ul>	<p>UN 1993 FLAMMABLE LIQUIDS, N.O.S. (D-LIMONENE, FLAMMABLE LIQUIDS, N.O.S.), 3, III</p>

### 15 Regulatory Information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture:**
- **SARA (Superfund Amendments and Reauthorization):**

<ul style="list-style-type: none"> <li>· <b>Section 355 (extremely hazardous substances):</b></li> </ul>	None of the ingredients are listed.
<ul style="list-style-type: none"> <li>· <b>Section 313 (Specific toxic chemical listings):</b></li> </ul>	None of the ingredients are listed.
<ul style="list-style-type: none"> <li>· <b>TSCA (Toxic Substances Control Act):</b></li> </ul>	All ingredients are listed or exempt from listing.
<ul style="list-style-type: none"> <li>· <b>California Proposition 65:</b></li> </ul>	
<ul style="list-style-type: none"> <li>· <b>Chemicals known to cause cancer:</b></li> </ul>	None of the ingredients are listed.
<ul style="list-style-type: none"> <li>· <b>Chemicals known to cause reproductive toxicity for females:</b></li> </ul>	None of the ingredients are listed.
<ul style="list-style-type: none"> <li>· <b>Chemicals known to cause reproductive toxicity for males:</b></li> </ul>	None of the ingredients are listed.
<ul style="list-style-type: none"> <li>· <b>Chemicals known to cause developmental toxicity:</b></li> </ul>	None of the ingredients are listed.
<ul style="list-style-type: none"> <li>· <b>New Jersey Right-to-Know List:</b></li> </ul>	None of the ingredients are listed.

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<ul style="list-style-type: none"> <li>• <b>New Jersey Special Hazardous Substance List:</b></li> </ul>
None of the ingredients are listed.
<ul style="list-style-type: none"> <li>• <b>Pennsylvania Right-to-Know List:</b></li> </ul>
None of the ingredients are listed.
<ul style="list-style-type: none"> <li>• <b>Pennsylvania Special Hazardous Substance List:</b></li> </ul>
None of the ingredients are listed.
<ul style="list-style-type: none"> <li>• <b>Carcinogenic categories:</b></li> </ul>
<ul style="list-style-type: none"> <li>• <b>EPA (Environmental Protection Agency):</b></li> </ul>
None of the ingredients are listed.
<ul style="list-style-type: none"> <li>• <b>TLV (Threshold Limit Value established by ACGIH):</b></li> </ul>
None of the ingredients are listed.
<ul style="list-style-type: none"> <li>• <b>NIOSH-Ca (National Institute for Occupational Safety and Health):</b></li> </ul>
None of the ingredients are listed.

- **GHS label elements**  
The product is classified and labeled according to the Globally Harmonized System (GHS).

- **Hazard pictograms:**



GHS02   GHS07   GHS08

- **Signal word:** Danger

- **Hazard-determining components of labeling:**

Isoparaffinic Hydrocarbon  
d-limonene

- **Hazard statements:**

H226 Flammable liquid and vapor.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H304 May be fatal if swallowed and enters airways.

- **Precautionary statements:**

P210	Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P264	Wash thoroughly after handling.
P272	Contaminated work clothing must not be allowed out of the workplace.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310	If swallowed: Immediately call a poison center/doctor.
P321	Specific treatment (see supplementary first aid instructions on this Safety Data Sheet).
P331	Do NOT induce vomiting.
P302+P352	If on skin: Wash with plenty of water.
P303+P361+P353	If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

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P362+P364	Take off contaminated clothing and wash it before reuse.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P363	Wash contaminated clothing before reuse.
P370+P378	In case of fire: Use for extinction: CO2, powder or water spray.
P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

• **National regulations:**

None of the ingredients are listed.

• **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### 16 Other Information

Ecolink, Inc. believes the information contained herein is accurate. However, Ecolink makes no warranty, expressed or implied, regarding the accuracy of this data or the results to be obtained by the use thereof. Ecolink, Inc. assumes no responsibility for injury from the use of the product described herein.

• **Date of preparation / last revision:** 10/09/2018 / 1

• **Abbreviations and acronyms:**

- ADR: The European Agreement concerning the International Carriage of Dangerous Goods by Road
- ADN: The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
- IMDG: International Maritime Code for Dangerous Goods
- DOT: US Department of Transportation
- IATA: International Air Transport Association
- ACGIH: American Conference of Governmental Industrial Hygienists
- EINECS: European Inventory of Existing Commercial Chemical Substances
- ELINCS: European List of Notified Chemical Substances
- CAS: Chemical Abstracts Service (division of the American Chemical Society)
- NFPA: National Fire Protection Association (USA)
- HMIS: Hazardous Materials Identification System (USA)
- VOC: Volatile Organic Compounds (USA, EU)
- LC50: Lethal concentration, 50 percent
- LD50: Lethal dose, 50 percent
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative
- NIOSH: National Institute for Occupational Safety and Health
- OSHA: Occupational Safety & Health Administration
- TLV: Threshold Limit Value
- PEL: Permissible Exposure Limit
- REL: Recommended Exposure Limit
- Flam. Liq. 3: Flammable liquids – Category 3
- Flam. Liq. 4: Flammable liquids – Category 4
- Skin Irrit. 2: Skin corrosion/irritation – Category 2
- Skin Sens. 1: Skin sensitisation – Category 1
- Asp. Tox. 1: Aspiration hazard – Category 1
- Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
- Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

• **\* Data compared to the previous version altered.**

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