

# Safety Data Sheet



Revision Date 04-Jun-2015  
Version 1

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

### 1.1 Product identifier

**Product name** One Earth General Purpose Cleaner

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

**Recommended Use** Professional Carpet Cleaning

### 1.3 Details of the supplier of the safety data sheet

**Supplier** Legend Brands Europe  
Chemspec  
22 Plover Close Interchange Park  
Newport Pagnell MK16 9PS, UK  
+44 (0) 1908 611211

**Manufacturer** Legend Brands  
Chemspec  
15180 Josh Wilson Road  
Burlington, WA 98233  
800-932-3030

For further information, please contact: [msds@chemspecworld.com](mailto:msds@chemspecworld.com)

### 1.4 Emergency telephone number

**Emergency telephone number** Chemtrec: +1 703-527-3887 ex-USA  
Chemtrec: 1-800-424-9300 USA

**Europe** 112  
**Austria** +43 1 406 43 43  
**Belgium** Poison center (BE): +32 70 245 245  
**Denmark** Poison Control Hotline (DK): +45 82 12 12 12  
**Finland** Poison Information Centre (FI): +358 9 471 977  
**France** ORFILA (FR): + 01 45 42 59 59  
**Germany** Poison Center Berlin (DE): +49 030 30686 790  
Poison Center Nord: +49 551 19240 (24h available English / German)  
**Ireland** National Poisons Information Centre (IE): +353 1 8379964  
**Iceland** +354 543 2222  
**Italy** Poison Center, Milan (IT): +39 02 6610 1029  
**Luxembourg** 112  
**Netherlands** National Poisons Information Center (NL): +31 30 274 88 88 (NB: this service is only available to health professionals)  
**Norway** Poisons Information (NO): + 47 22 591300  
**Portugal** Poison Information Center (PT): +351 21 330 3284  
**Spain** Poison Information Service (ES): +34 91 562 04 20  
**Sweden** Poisons Information Center (SV): +46 8 33 12 31  
**Switzerland** Poison Center: Tel 145; +41 44 251 51 51  
**United Kingdom** 111

## 2. Hazards identification

## 2.1 Classification of the substance or mixture

REGULATION (EC) No 1272/2008

Skin corrosion/irritation	Category 2 - (H315)
Serious eye damage/eye irritation	Category 2 - (H319)

## 2.2 Label elements



### Signal Word

Warning

### Hazard Statements

H315 - Causes skin irritation

H319 - Causes serious eye irritation

### Special labeling of certain preparations

Restricted to professional users

## 2.3. Other Hazards

No information available

## 3. Composition/information on ingredients

### 3.1 Substances

This product is a mixture. Health hazard information is based on its components.

### 3.2 Mixtures

Chemical Name	EC-No	CAS-No	Weight %	Classification (1272/2008/EC)	REACH Registration Number
Ethoxylated Lauryl Alcohol	-	9002-92-0	2.5 - 10	Acute Tox. 4 (H302)	no data available
Sodium hydroxide	215-185-5	1310-73-2	1 - 2.5	Skin Corr. 1A (H314)	01-2119457892-27-XX XX
5-Chloro-2-methyl-4-isothiazolin-3-one	247-500-7	26172-55-4	< 0.1	STOT SE 3 (H335) Skin Corr. 1B (H314) Skin Sens. 1 (H317) Acute Tox. 3 (H301) Acute Tox. 3 (H311) Eye Dam. 1 (H318) \par Aquatic Acute 1 (H400)	no data available
2-Methyl-2H-isothiazol-3-one	220-239-6	2682-20-4	< 0.1	STOT SE 3 (H335) Skin Corr. 1B (H314) Skin Sens. 1 (H317) Acute Tox. 3 (H301) Acute Tox. 3 (H311) Eye Dam. 1 (H318) \par Aquatic Acute 1	no data available

				(H400)	
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**For the full text of the H-Statements mentioned in this Section, see Section 16**

## 4. First Aid Measures

### 4.1 Description of first-aid measures

<b>General advice</b>	Show this material safety data sheet to the doctor in attendance. If symptoms persist, call a physician.
<b>Inhalation</b>	Move to fresh air. If symptoms persist, call a physician. Immediate medical attention is not required. Move to fresh air in case of accidental inhalation of vapors.
<b>Skin contact</b>	Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a physician. Remove and wash contaminated clothing before re-use. Wash off immediately with plenty of water. Immediate medical attention is not required. Wash off immediately with soap and plenty of water. Remove all contaminated clothes and shoes.
<b>Eye contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician. Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing.
<b>Ingestion</b>	Immediate medical attention is not required. Rinse mouth. Drink plenty of water. Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Consult a physician.
<b>Protection of First-aiders</b>	Use personal protective equipment.

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

**Symptoms** No information available.

### 4.3 Indication of any immediate medical attention and special treatment needed

**Notes to physician** Treat symptomatically.

## 5. Fire-Fighting Measures

### 5.1 Extinguishing media

**Suitable extinguishing media**  
Water spray, Foam, Dry powder.

**Extinguishing media which shall not be used for safety reasons**  
No information available.

### 5.2 Special hazards arising from the substance or mixture

Thermal decomposition can lead to release of irritating gases and vapors.

### 5.3 Advice for firefighters

In the event of fire, wear self-contained breathing apparatus.

## 6. Accidental Release Measures

### 6.1 Personal precautions, protective equipment and emergency procedures

### Personal precautions

Use personal protective equipment. Avoid contact with the skin and the eyes. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

### Advice for emergency responders

For personal protection see section 8.

## 6.2 Environmental precautions

Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. See Section 12 for additional Ecological information.

## 6.3 Methods and materials for containment and cleaning up

### Methods for Containment

Prevent further leakage or spillage if safe to do so.

### Methods for cleaning up

Contain and collect spillage 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). Prevent further leakage or spillage if safe to do so.

## 6.4 Reference to other sections

See section 8 for more information.

# 7. Handling and storage

## 7.1 Precautions for safe handling

### Advice on safe handling

Wear personal protective equipment. Ensure adequate ventilation. Use only in area provided with appropriate exhaust ventilation. Do not breathe vapors or spray mist.

### Hygiene measures

When using, do not eat, drink or smoke. Remove and wash contaminated clothing before re-use. Provide regular cleaning of equipment, work area and clothing.

## 7.2 Conditions for safe storage, including any incompatibilities

### Storage Conditions

Keep container tightly closed. Keep out of the reach of children. Keep containers tightly closed in a cool, well-ventilated place. Keep in properly labeled containers.

## 7.3 Specific end uses

### Specific use(s)

No information available

### Exposure scenario

No information available.

# 8. Exposure controls/personal protection

## 8.1 Control parameters

### Exposure Limit Values

Chemical Name	European Union	Austria	Belgium	Denmark	Finland	France
Sodium hydroxide 1310-73-2		STEL 4 mg/m <sup>3</sup> TWA: 2 mg/m <sup>3</sup>	Maximum Limit Value: 2 mg/m <sup>3</sup>	Ceiling: 2 mg/m <sup>3</sup>	STEL: 2 mg/m <sup>3</sup> Ceiling: 2 mg/m <sup>3</sup>	TWA: 2 mg/m <sup>3</sup>
5-Chloro-2-methyl-4-is othiazolin-3-one		Skin TWA: 0.05 mg/m <sup>3</sup>				

One Earth General Purpose Cleaner

26172-55-4						
2-Methyl-2H-isothiazol-3-one 2682-20-4		Skin TWA: 0.05 mg/m <sup>3</sup>				
<b>Chemical Name</b>	<b>Germany</b>	<b>Iceland</b>	<b>Ireland</b>	<b>Italy</b>	<b>Luxembourg</b>	<b>The Netherlands</b>
Sodium hydroxide 1310-73-2		STEL: 2 mg/m <sup>3</sup>	STEL: 2 mg/m <sup>3</sup>			
5-Chloro-2-methyl-4-isothiazolin-3-one 26172-55-4	TWA: 0.2 mg/m <sup>3</sup>					
2-Methyl-2H-isothiazol-3-one 2682-20-4	TWA: 0.2 mg/m <sup>3</sup>					
<b>Chemical Name</b>	<b>Norway</b>	<b>Portugal</b>	<b>Spain</b>	<b>Sweden</b>	<b>Switzerland</b>	<b>The United Kingdom</b>
Sodium hydroxide 1310-73-2	Ceiling: 2 mg/m <sup>3</sup>	Ceiling: 2 mg/m <sup>3</sup>	STEL: 2 mg/m <sup>3</sup>	LLV: 1 mg/m <sup>3</sup> CLV: 2 mg/m <sup>3</sup>	STEL: 2 mg/m <sup>3</sup> TWA: 2 mg/m <sup>3</sup>	STEL: 2 mg/m <sup>3</sup>
5-Chloro-2-methyl-4-isothiazolin-3-one 26172-55-4					TWA: 0.2 mg/m <sup>3</sup>	
2-Methyl-2H-isothiazol-3-one 2682-20-4					TWA: 0.2 mg/m <sup>3</sup>	

TWA: Time weighted average  
 STEL: Short term exposure limit  
 LLV: Level Limit Value  
 STV: Short Term Value

**Derived No Effect Level (DNEL)** No information available

**Predicted No Effect Concentration (PNEC)** No information available

**8.2 Exposure controls**

**Engineering Measures** Ensure adequate ventilation, especially in confined areas.

**Personal protective equipment**

**Eye/Face Protection**

Safety glasses with side-shields.

**Hand Protection**

Rubber/latex/neoprene or other suitable chemical resistant gloves.

**Skin and body protection**

Long sleeved clothing. Apron. Impervious gloves.

**Respiratory protection**

No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**Hygiene measures**

When using, do not eat, drink or smoke. Remove and wash contaminated clothing before re-use. Provide regular cleaning of equipment, work area and clothing.

**Environmental Exposure Controls** Do not allow material to contaminate ground water system.

**9. Physical and chemical properties**

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

<b>Physical state</b>	Liquid
<b>Appearance</b>	Clear liquid
<b>Color</b>	Colorless
<b>Odor</b>	No Fragrance Added
<b>Odor Threshold</b>	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Methods</u>
<b>pH</b>	5.0	
<b>Melting/freezing point</b>		No information available
<b>Boiling point/boiling range</b>		No information available
<b>Flash Point</b>	Not Applicable	
<b>Evaporation rate</b>		No information available
<b>Flammability (solid, gas)</b>		No information available
<b>Flammability Limits in Air</b>		
<b>upper flammability limit</b>		No information available
<b>lower flammability limit</b>		No information available
No information available		<b>Vapor pressure</b>
No information available		<b>Vapor density</b>
		<b>Specific Gravity</b> 1.032 g/cc
		<b>Water solubility</b> Soluble in water
		<b>Solubility in other solvents</b>
No information available		<b>Partition coefficient</b>
No information available		<b>Autoignition temperature</b>
No information available		<b>Decomposition temperature</b>
No information available		<b>Viscosity, kinematic</b>
No information available		<b>Viscosity, dynamic</b>
No information available		<b>Explosive properties</b>
No information available		<b>Oxidizing Properties</b>

**9.2 Other information**

**Volatile organic compounds (VOC) content** <1%

## 10. Stability and Reactivity

### 10.1 Reactivity

No information available.

### 10.2 Chemical stability

Stable under normal conditions

### 10.3 Possibility of hazardous reactions

No information available.

### 10.4 Conditions to Avoid

Direct sources of heat.

### 10.5 Incompatible Materials

Strong oxidizing agents

### 10.6 Hazardous Decomposition Products

Carbon dioxide (CO<sub>2</sub>), carbon monoxide (CO), oxides of nitrogen (NO<sub>x</sub>), dense black smoke.

## 11. Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

#### Product Information

<b>Inhalation</b>	There are no data available for this product.
<b>Eye contact</b>	May cause slight irritation.
<b>Skin contact</b>	There are no data available for this product.
<b>Ingestion</b>	Ingestion may cause stomach discomfort.

The following values are calculated based on chapter 3.1 of the GHS document

<b>ATEmix (oral)</b>	5,439.00 mg/kg
<b>ATEmix (dermal)</b>	36,663.00 mg/kg

#### Unknown Acute Toxicity

- 14.61426% of the mixture consists of ingredient(s) of unknown toxicity
- 2.5965 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
- 10.25194 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
- 14.61426 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
- 14.61426 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
- 14.61414 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

#### Component Information

<b>Skin corrosion/irritation</b>	No information available.
<b>Eye damage/irritation</b>	No information available.
<b>Respiratory or skin sensitization</b>	No information available.

<b>Germ Cell Mutagenicity</b>	No information available.
<b>Carcinogenicity</b>	No information available.
<b>Reproductive toxicity</b>	No information available.
<b>Specific target organ systemic toxicity (single exposure)</b>	No information available.
<b>Specific target organ systemic toxicity (repeated exposure)</b>	No information available.
<b>Chronic toxicity</b>	Avoid repeated exposure.
<b>Target Organs</b>	Eyes. Respiratory system. Skin.
<b>Aspiration hazard</b>	No information available.

## 12. Ecological information

### 12.1 Toxicity

10.24072% of the mixture consists of component(s) of unknown hazards to the aquatic environment

#### **Ecotoxicity effects**

Meets CCD-146 requirements for "not toxic to aquatic life" (IC50.500 mg/L for Institutional Cleaners or IC50>200mg/L for Industrial Cleaners) Based on whole formulation testing

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia and other aquatic invertebrates
Sodium hydroxide		LC50: 96 h Oncorhynchus mykiss 45.4 mg/L static	
5-Chloro-2-methyl-4-isothiazolin-3-one	EC50: 72 h Pseudokirchneriella subcapitata 0.11 - 0.16 mg/L static EC50: 96 h Pseudokirchneriella subcapitata 0.03 - 0.13 mg/L static	LC50: 96 h Oncorhynchus mykiss 1.6 mg/L semi-static	EC50: 48 h Daphnia magna 4.71 mg/L EC50: 48 h Daphnia magna 0.12 - 0.3 mg/L Flow through EC50: 48 h Daphnia magna 0.71 - 0.99 mg/L Static

### 12.2 Persistence and degradability

No information available.

### 12.3 Bioaccumulative potential

No information available.

Chemical Name	log Pow
5-Chloro-2-methyl-4-isothiazolin-3-one	0.75

### 12.4 Mobility in soil

#### **Mobility in soil**

No information available.

#### **Mobility**

No information available.

### 12.5 Results of PBT and vPvB assessment

No information available.



**12.6 Other adverse effects.**

No information available.

**13. Disposal Considerations**

**13.1 Waste treatment methods**

<b>Waste from residues / unused products</b>	If recycling is not practicable, dispose of in compliance with local regulations.
<b>Contaminated packaging</b>	Empty containers should be taken to an approved waste handling site for recycling or disposal.
<b>Other information</b>	According to the European Waste Catalog, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used.

**14. Transport Information**

**ADR**

<b>14.1 UN Number</b>	Not regulated
<b>14.2 Proper shipping name</b>	Not regulated
<b>14.3 Hazard class</b>	Not regulated
<b>14.4 Packing Group</b>	Not regulated
<b>14.5 Environmental hazard</b>	Not applicable
<b>14.6 Special Provisions</b>	None

**IMDG**

<b>14.1 UN Number</b>	Not regulated
<b>14.2 Proper shipping name</b>	Not regulated
<b>14.3 Hazard class</b>	Not regulated
<b>14.4 Packing Group</b>	Not regulated
<b>14.5 Marine pollutant</b>	Not applicable
<b>14.6 Special Provisions</b>	None
<b>14.7 Transport in bulk according to MARPOL 73/78 and the IBC Code</b>	No information available

**IATA**

<b>14.1 UN Number</b>	Not regulated
<b>14.2 Proper shipping name</b>	Not regulated
<b>14.3 Hazard class</b>	Not regulated
<b>14.4 Packing Group</b>	Not regulated
<b>14.5 Environmental hazard</b>	Not applicable
<b>14.6 Special Provisions</b>	None

**15. Regulatory information**

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

**National regulatory information**  
Germany

**European Union**

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

**Authorizations and/or restrictions on use:**

This product does not contain substances subject to authorization (Regulation (EC) No. 1907/2006 (REACH), Annex XIV) This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

**Persistent Organic Pollutants**

Not applicable

**International Inventories**

<b>TSCA</b>	Complies
<b>EINECS/ELINCS</b>	Complies
<b>DSL</b>	Complies
<b>PICCS</b>	Complies
<b>ENCS</b>	Complies
<b>IECSC</b>	Complies
<b>AICS</b>	Complies
<b>KECL</b>	Complies
<b>NZIoC</b>	-

**Legend**

**EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

**DSL/NDL** - Canadian Domestic Substances List/Non-Domestic Substances List

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**NZIoC** - New Zealand Inventory of Chemicals

**15.2 Chemical Safety Assessment**

No information available

**16. Other information**

**Key or legend to abbreviations and acronyms used in the safety data sheet**

**Full text of H-Statements referred to under section 3**

H302 - Harmful if swallowed

H335 - May cause respiratory irritation

H314 - Causes severe skin burns and eye damage

H317 - May cause an allergic skin reaction

H301 - Toxic if swallowed

H311 - Toxic in contact with skin

H318 - Causes serious eye damage

H400 - Very toxic to aquatic life

**Prepared By** Chemspec Regulatory Affairs/Product Safety

**Revision Date** 04-Jun-2015

**Revision Note** Not Applicable.

This safety data sheet complies with the requirements of Regulation (EC) No. 1272/2008/EC.

**Disclaimer**

The information provided on this SDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

**End of Safety Data Sheet**