



SAFETY DATA SHEET
LIME AWAY - LIMESCALE REMOVER SPRAY

Page: 1
Compilation date: 19/07/2017
Revision date: 03/12/2018
Revision No: 2

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: LIME AWAY - LIMESCALE REMOVER SPRAY
Product code: LA001

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

Use of substance / mixture: SU 21 - Consumer Uses. Household cleaning product.

1.3. Details of the supplier of the safety data sheet

Company name: 151 Products Ltd
The Old School House
39 Bengal Street
Manchester
M4 6AF
United Kingdom
Tel: +44 (0)161 839 5949
Fax: +44 (0)161 839 5493
Email: fereshteh@151.co.uk

1.4. Emergency telephone number

Emergency tel: +44 (0)161 839 5949
(office hours only)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Eye Irrit. 2: H319

Most important adverse effects: Causes serious eye irritation.

2.2. Label elements

Label elements:

Hazard statements: H319: Causes serious eye irritation.

Hazard pictograms: GHS07: Exclamation mark



Signal words: Warning

Precautionary statements: P101: If medical advice is needed, have product container or label at hand.
P102: Keep out of reach of children.

SAFETY DATA SHEET

LIME AWAY - LIMESCALE REMOVER SPRAY

Page: 2

P103: Read label before use.

P264: Wash hands thoroughly after handling.

P280: Wear protective gloves.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention.

P501: Dispose of contents/container to Local authority regulations.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

CITRC ACID MONOHYDRATE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
201-069-1	5949-29-1	-	Eye Irrit. 2: H319	1-3%

C9 - C11 FATTY ALCOHOL ETHOXYLATE

500-446-0	160901-09-7	-	Eye Dam. 1: H318	1-3%
-----------	-------------	---	------------------	------

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes. If irritation persists seek medical attention.

Ingestion: Wash out mouth with water.

Inhalation: Not applicable.

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

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: Not applicable.

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

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

[cont...]

SAFETY DATA SHEET

LIME AWAY - LIMESCALE REMOVER SPRAY

Page: 3

5.2. Special hazards arising from the substance or mixture

Exposure hazards: This product is not combustible, however, combustion of the packaging will generate toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

Environmental precautions: Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Wash the spillage site with large amounts of water.

6.4. Reference to other sections

Reference to other sections: Refer to section 13 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed. KEEP OUT OF THE REACH OF CHILDREN.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values

Hazardous ingredients:

[cont...]

SAFETY DATA SHEET
LIME AWAY - LIMESCALE REMOVER SPRAY

Page: 4

CITRC ACID MONOHYDRATE

Type	Exposure	Value	Population	Effect
PNEC	Fresh water	0.44mg/L	-	-
PNEC	Fresh water sediments	34.6mg/kg sediment	-	-
PNEC	Marine water	0.044mg/L	-	-
PNEC	Marine sediments	3.46mg/kg sediment	-	-
PNEC	Soil	33.1mg/kg soil	-	-

C9 - C11 FATTY ALCOHOL ETHOXYLATE

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	294mg/m ³	Workers	Systemic
DNEL	Dermal	2 080mg/kg	Workers	Systemic
DNEL	Inhalation	87mg/m ³	General Population	Systemic
DNEL	Dermal	1 250mg/kg bw	General Population	Systemic
DNEL	Oral	25mg/kg bw	General Population	Systemic
PNEC	Fresh water	0.104mg/L	-	-
PNEC	Fresh water sediments	13.7mg/kg sediment	-	-
PNEC	Marine water	0.104mg/L	-	-
PNEC	Marine sediments	13.7mg/kg sediment	-	-
PNEC	Microorganisms in sewage treatment	1.4mg/L	-	-
PNEC	Soil	1 mg/kg soil	-	-

8.2. Exposure controls

Engineering measures: Not applicable.

Respiratory protection: Not applicable.

Hand protection: Protective gloves.

Eye protection: No special requirements under normal conditions of use.

Skin protection: No special requirements under normal conditions of use.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Blue

Odour: Pleasant

Solubility in water: Soluble

Flash point°C: >93

pH: 3.2

[cont...]

SAFETY DATA SHEET
LIME AWAY - LIMESCALE REMOVER SPRAY

Page: 5

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

CITRC ACID MONOHYDRATE

DERMAL	RAT	LD50	>2000	mg/kg
Intraperitoneal	MUS (Male)	LD50	940	mg/kg
Intraperitoneal	RAT (Male)	LD50	725	mg/kg
ORAL	MUS	LD50	5.4	g/kg

C9 - C11 FATTY ALCOHOL ETHOXYLATE

DERMAL	RBT	LD50	>2000	mg/kg
ORAL	RAT (MALE)	LD50	4.6	g/kg
VAPOURS	RAT	6H LC50	>100	mg/m ³ air

Relevant hazards for product:

Hazard	Route	Basis
Serious eye damage/irritation	OPT	Hazardous: calculated

[cont...]

SAFETY DATA SHEET
LIME AWAY - LIMESCALE REMOVER SPRAY

Page: 6

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: Not applicable.

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

CITRC ACID MONOHYDRATE

Daphnia magna	24H EC50	1535	mg/l
---------------	----------	------	------

C9 - C11 FATTY ALCOHOL ETHOXYLATE

ALGAE	96H ErC50	1.4	mg/l
Daphnia magna	48H EC50	2.5	mg/l
RAINBOW TROUT (Oncorhynchus mykiss)	96H LC50	6	mg/l

12.2. Persistence and degradability

Persistence and degradability: No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil

Mobility: Soluble in water.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Disposal should be in accordance with local regulations.

Disposal of packaging: Disposal should be in accordance with local regulations.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Transport class: This product does not require a classification for transport.

[cont...]

SAFETY DATA SHEET

LIME AWAY - LIMESCALE REMOVER SPRAY

Page: 7

Section 15: Regulatory information

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

Specific regulations: Not applicable.

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: H318: Causes serious eye damage.

H319: Causes serious eye irritation.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.