

Window & glass cleaner

3000213

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

1.1. Product identifier

Trade name : Window & glass cleaner

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

Use : Domestic.

1.3. Details of the supplier of the safety data sheet

Company identification : Lyreco
 Rue du 19 Mars 1962
 59770 Marly France

Responsible for placing on the market : See address above.

1.4. Emergency telephone number

Emergency phone nr : + 33(0)3 27 23 64 00

SECTION 2. Hazards identification

2.1. Classification of the substance or mixture

Classification EC 67/548 or EC 1999/45

: Not classified as dangerous product.

2.2. Label elements

Labelling EC 67/548 or EC 1999/45

• S Phrase(s) : S2 : Keep out of the reach of children.

EEC Composition of detergents : < 5% : - Nonionic surfactants
 Perfumes

2.3. Other hazards

None under normal conditions.

SECTION 3. Composition/information on ingredients

Substance / Preparation : Preparation.

Substance name	Contents	CAS No	EC No	Index No	REACH	Classification
Ethanol	: Between 1 and 10 %	64-17-5	200-578-6	603-002-00-5	01-2119457610-43	F; R11 Flam. Liq. 2
Alkyl Poly Glycoside C8-10	: Between 0.1 and 1 %	68515-73-1	POLYMER	----	01-2119488530-36	Xi; R41 Eye Dam 1
Fatty Alcohol Sulfate C10-16	: > 0.01 < 0.1 %	85586-07-8	287-809-4	----	01-2119489463-28-0007	Xn; R22 Xi; R38-41 Eye Dam 1 Skin Irrit. 2

SECTION 4. First aid measures

4.1. Description of first aid measures

- Inhalation : Rest.
 Assure fresh air breathing.

Window & glass cleaner**3000213****SECTION 4. First aid measures (continued)**

- **Skin contact** : Flush with plenty of water.
- **Eye contact** : Rinse immediately with plenty of water.
- **Ingestion** : In case of ingestion of large quantities, let the victim drink plenty of water and seek medical attention. Do not induce vomiting!

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

- **Inhalation** : None under normal conditions.
- **Skin contact** : Not expected to present a significant skin hazard under anticipated conditions of normal use.
- **Eye contact** : Not expected to present a significant eye contact hazard under anticipated conditions of normal use.
- **Ingestion** : Headache. Dizziness.
Drowsiness.

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

- Note to physician** : No specific recommendations.
- Workplace equipment** : No specific recommendations.

SECTION 5. Fire-fighting measures**5.1. Extinguishing media**

- **Suitable extinguishing media** : Alcoholresistant foam.
Water.
Carbon dioxide (CO2).
Powder.
- **Unsuitable extinguishing media** : None.

5.2. Special hazards arising from the substance or mixture

No data available.

5.3. Advice for fire-fighters

- Protection against fire** : Exercise caution when fighting any chemical fire.
See Heading 8.
- Special procedures** : Cool heat-exposed product with water spray.

SECTION 6. Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Ensure adequate air ventilation.
Ensure a sparkless environment.
Wear proper protective equipment.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Collect leakage in non-lockable container. Absorb spillage with sand or inert material and transfer to a safe area and dispose of as chemical waste. If desired rinse remainder with water.

Window & glass cleaner**3000213****SECTION 6. Accidental release measures (continued)****6.4. Reference to other sections**

See Heading 8.

SECTION 7. Handling and storage**7.1. Precautions for safe handling**

- Handling** : Wear suitable gloves in case of frequent contact with undiluted product.
No smoking.
- Protection against fire** : Keep away from sparks, open fire and oxidising agents. Above 45°C closed equipment, ventilation, explosion safe electrical equipment.

7.2. Conditions for safe storage, including any incompatibilities

Store in a cool, well ventilated and fireproof area, in tightly closed original packaging. Do not store in direct sunlight. Keep out of the reach of children.

7.3. Specific end use(s)

No data available.

SECTION 8. Exposure controls/personal protection**8.1. Control parameters****Personal protection**

- **Respiratory protection** : Ensure sufficient ventilation when taking up intensively material which is accidentally released.
- **Skin protection** : Wear waterproof gloves (preferably neoprene or nitrile rubber) in case of intensive use or contact with undiluted product.
- **Eye protection** : No specific recommendations.

Environment protection see § 6**8.2. Occupational Exposure Limits**

- Occupational Exposure Limits** : Ethanol : MAC [mg/m³] : 1900
Ethanol : MAC [ppm] : 1000

SECTION 9. Physical and chemical properties**9.1. Information on basic physical and chemical properties**

- **Appearance** : Liquid.
Colourless.
- **Odour** : Lemon.
- **Odour threshold** : No data available.
- **pH** : 8.25
- **Melting point / Freezing point** : No data available.
- **Initial boiling point - boiling range** : No data available.
- **Flash point** : 55-100
- **Evaporation rate** : No data available.

Window & glass cleaner**3000213****SECTION 9. Physical and chemical properties (continued)**

- **Flammability** : No data available.
- **Explosion limits (lower - upper)** : When heated above the flash point, releases flammable vapours.
- **Vapour pressure** : No data available.
- **Vapour density** : No data available.
- **Relative density** : 0.98 kg/l
- **Solubility** : Complete.
- **Partition coefficient : n-octanol / water** : No data available.
- **Auto-ignition temperature** : No data available.
- **Thermal decomposition** : No data available.
- **Viscosity** : No data available.
- **Explosive Properties** : No data available.
- **Oxidising properties** : None.

9.2. Other information

- Volatile Organic Compounds (%)** : 7.21

SECTION 10. Stability and reactivity**10.1. Reactivity**

No decomposition under normal conditions of storage and use.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

Do not store <0°C and >40°C.

10.5. Incompatible materials

Do not mix with other product.

10.6. Hazardous decomposition products

None under normal conditions.

SECTION 11. Toxicological information**11.1. Information on toxicological effects****Evaluation of the security for the human health**

- **Dermal** : Not or only slightly irritant due to the composition.
- **Ocular** : Not or only slightly irritant due to the composition.
- **Ingestion** : Hardly toxic (LD 50 rat-oral-theoretic >14000 ppm).
- Sensitization** : To the best of our knowledge, this product contains no sensitizing raw materials.



SAFETY DATA SHEET
According to Regulation (EC) 1907/
2006

Page : 5 / 6

Revised edition no : 1

Date : 28 / 8 / 2012

Supersedes : 0 / 0 / 0

Window & glass cleaner

3000213

SECTION 11. Toxicological information (continued)

Note : Contains only ELINCS or EINECS registered raw materials and does not contain any ingredients known to be mutagenic, carcinogenic, teratogenic or reproduction toxic (R45,46,47,49,60,61,63,64, EU 97/C234, 67/548/EEC, 88/379/EEC, OSHA, NTP, IARC/ARAB (cat 1-3)).

SECTION 12. Ecological information

12.1. Toxicity

48 Hour EC50 Daphnia magna [ppm] (OECD 202) : No data available.

EC50 72h Algae (Selenastrum capricornutum) [ppm] (OECD 201) : No data available.

12.2. Persistence - degradability

This product doesn't contain any persistent substances.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

Remarks : Lyreco products do not contain any bioaccumulating raw materials and no PCM or nitromusk perfume components. The surface active components used in this product fulfill all of the biodegradability requirements of EC regulation 648/2004.

SECTION 13. Disposal considerations

13.1. Waste treatment methods

General : Dispose of this material and its container at hazardous or special waste collection point.

Product : Waste of this product is considered chemical waste. The legislation concerning disposal of waste can differ from one country/state to another. The disposal should therefore be done according to national or local waste legislation. If in doubt, ask the local waste management authority for advice (also see § 6 and § 8 when disposing of).

Packaging : The empty packaging of this product is not subject to ADR. Cleaned empty packaging (including labels and caps) is fully recyclable (HDPE + PP); they may be collected selectively for recycling according to national or local waste legislation. Uncleaned packaging should be disposed of as chemical waste.

SECTION 14. Transport information

GENERAL INFORMATION : Not classified.

Window & glass cleaner

3000213

SECTION 15. Regulatory information

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

Ensure all national/local regulations are observed.

- : -

15.2. Chemical Safety Assessment

No data available.

SECTION 16. Other information

List of relevant R phrases (heading 3) : R11 : Highly flammable.
R22 : Harmful if swallowed.
R38 : Irritating to skin.
R41 : Risk of serious damage to eyes.

Training advice : For correct use of this product: see Technical Data Sheet.

Sources of key data used : MSDS and additional literature data of the respective suppliers.
Chemical cards, 12th edition, 1997, ed. MIA, VMCI, Samson
Comprehensive guide to chemical resistant best gloves for various amounts of
exposure, 1999, ver.3.5 www

Further information : None.

Revision : First version of this MSDS in this new format.

Print date : 9 / 10 / 2012

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