

SAFETY DATA SHEET

Window cleaner

Last changed: 11/02/2010

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

TRADE NAME Window cleaner
APPLICATION AREA Cleaning agent
Window cleaning agent

Vendor art. number

2500

NATIONAL MANUFACTURER/IMPORTER

Enterprise Trion Tensid AB
Address Svederusgatan 1-3
Postal code SE-754 50 Uppsala
Country Sweden
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Internet www.trion.se
Telephone +46 18 156190
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CONTACT PERSONS

Name	E-mail	Telephone	Country
William Stomilovic	william.stomilovic@trion.se		

Emergency Phone	Type of assistance	Opening Hours
+46 70 60 462 94	William Stomilovic	

2. HAZARDS IDENTIFICATION

HEALTH

May have a drying effect.

FIRE AND EXPLOSION

This material is not combustible.

ENVIRONMENT

Readily biodegradable.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient name	Reg.No	EC No.	CAS No.	Conc. (wt%)	Classification
etanol		200-578-6	64-17-5	< 5 %	F,R11
2-propanol		200-661-7	67-63-0	< 5 %	Xi,F,R11 - R36 - R67
Na-laurylethersulphate			68585-34-2	< 1 %	Xi,R38 - R41

Explanation of symbols: T+=highly toxic, T=toxic, C=corrosive, Xn=harmful, Xi=irritant E=Explosive, O=Oxidising, F+=Extremely flammable, F=Highly flammable, N=Dangerous for the environment, Cancer=Carcinogenic, Mut=Mutagenic, Rep=Toxic for reproduction, Conc.=Concentration

4. FIRST AID MEASURES

INHALATION

Treatment is not usually necessary.

SKIN CONTACT

Rinse with water.

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EYE CONTACT

Promptly wash eyes with plenty of water while lifting the eye lids. Consult an eye specialist if the irritation persists.

INGESTION

Drink a few glasses of water. Get medical attention if any discomfort continues.

5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Extinguishing agent: carbon dioxide, powder or a wide water jet.

EXTINGUISHING METHODS

No information available

FIRE AND EXPLOSION HAZARDS

Combustible at high temperature.

PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS

Avoid breathing fire vapours.

OTHER INFORMATION

Containers close to fire should be removed or cooled with water.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear necessary protective equipment.

SAFETY ACTIONS TO PROTECT EXTERNAL ENVIRONMENT

Prevent discharge of larger quantity to drain. Collect in a suitable container approved for the purpose. Bank in and collect.

METHODS FOR CLEANING UP

Flush with plenty of water to clean spillage area.

OTHER INFORMATION

Only major emissions may represent a risk.

7. HANDLING AND STORAGE

HANDLING ADVICE

Avoid contact with the skin and eyes, and also contact with clothes. Store in original container to avoid contamination.

STORAGE

Keep container tightly closed in a cool place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION

No respirator is normally needed.

EYE PROTECTION

Use approved safety goggles or face shield.

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HAND PROTECTION

Use protective gloves that are resistant to chemicals. Protective gloves (butyl rubber, natural rubber, nitrile rubber).

PROTECTIVE CLOTHING

Use suitable protective clothing, as necessary.

OEL value

Ingredient name	CAS no.	Range	ppm	mg/m ³	Year	Notification
etanol	64-17-5	15 min.	1000	1900	1993	
etanol	64-17-5	8 h	500	1000	1993	
2-propanol	67-63-0	15 min.	250	600	1989	
2-propanol	67-63-0	8 h	150	350	1989	

R=Toxic for reproduction, H=Skin absorption, K=Carcinogenic, A=Sensitising, T=Upper limit, M=Mutagenic

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	Liquid.
COLOUR	Bluish.
ODOUR	Odour of alcohol.
SOLUBILITY	Miscible with water.
WATER SOLUBILITY	100%
FAT SOLUBILITY	Not applicable.

Physical and chemical parameters

Parameter	Value/unit	Method/reference	Observation
pH in solution	~ 7.00		
Density	970.00 kg/m ³		

10. STABILITY AND REACTIVITY

STABILITY

Stable.

HAZARDOUS DECOMPOSITION PRODUCTS

No hazardous decomposition products.

11. TOXICOLOGICAL INFORMATION

GENERAL

Preparation has low toxicity, therefore risk of damage is limited in normal handling. Used product must be handled with care, and skin contact avoided as far as possible.

INHALATION

Inhalation of high contents may cause headache, nausea and dizziness.

SKIN CONTACT

May be slightly irritating on protracted or repeated exposure.

EYE CONTACT

May cause irritation/smartering.

INGESTION

Consumption of larger quantities can result in nausea, vomiting and stomach pains.

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12. ECOLOGICAL INFORMATION

AQUATIC ECOTOXICITY

2-propanol				
Test	Exposure time	Value/unit	Species	Source
EC50(Acute Daphnia)	48h	13299.00 mg/l	Daphnia magna	

ECOTOXICITY

Low toxicity to aquatic organisms.

DEGRADABILITY

Readily biodegradable.

ACCUMULATION

Bioaccumulation improbable.

OTHER INFORMATION

The assessment is based on the properties of the components.

13. DISPOSAL CONSIDERATIONS

GENERAL REGULATIONS

Do not try to refill or clean the packaging. Emptied and cleaned packaging can be recycled or burnt. Unemptied packaging is classed as product.

CATEGORY OF WASTE

Suitable classification of waste is the responsibility of the user. Empty packages must be handled in an environmentally-correct manner as per the applicable laws and regulations.

14. TRANSPORT INFORMATION

Classified as Dangerous Goods: No

15. REGULATORY INFORMATION

EC-Label: No

COMPOSITION

etanol (< 5 %), 2-propanol (< 5 %), Na-laurylethersulphate (< 1 %)

S-PHRASES

S24/25 Avoid contact with skin and eyes.

S23 Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer).

16. OTHER INFORMATION

VENDOR NOTES

Assessed on the basis of available data.

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LIST OF RELEVANT R-PHRASES

R11	Highly flammable.
R36	Irritating to eyes.
R38	Irritating to skin.
R41	Risk of serious damage to eyes.
R67	Vapours may cause drowsiness and dizziness.

REVISION HISTORY

Version	Rev. date	Responsible	Changes
1.0.1	11/02/2010	WS	New database