

# Material Safety Data Sheet

(In accordance with 2001.58.EC - L212/14)

## W41210 - Glass Cleaner

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

#### IDENTIFICATION OF THE SUBSTANCE OR PREPARATION

W41210 - Glass Cleaner

#### USE OF THE SUBSTANCE/PREPARATION

Cleaning and maintenance product.

#### COMPANY IDENTIFICATION

COMPANY Wynn's Belgium B.V.B.A.  
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EMERGENCY TELEPHONE NUMBER  
EMERGENCY TELEPHONE NUMBER BIG: +32(0)14/58.45.45

### 2. HAZARDS IDENTIFICATION

#### OTHER DANGERS

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### INFORMATION ON INGREDIENTS

NAME	CAS NO	EI NCS/ELI NCS	MIN/MAX	SYMBOL	R-PHRASES
2-butoxyethanol; ethylene glycol monobutyl ether; butyl cellosolve	111-76-2	203-905-0	<= 1 %	Xn	R20/21/22, R50/53
ethanol; ethyl alcohol	64-17-5	200-578-6	< 2.5 %	F	R11
propan-2-ol; isopropyl alcohol; isopropanol	67-63-0	200-661-7	< 2.5 %	F,XI	R11, R36, R67

### 4. FIRST AID MEASURES

#### IN GENERAL

Check the vital functions  
Unconscious: maintain adequate airway and respiration  
Respiratory arrest: artificial respiration or oxygen  
Cardiac arrest: perform resuscitation  
Victim conscious with laboured breathing: half-seated  
Victim in shock: on his back with legs slightly raised  
Vomiting: prevent asphyxia/aspiration pneumonia  
Prevent cooling by covering the victim (no warming up)  
Keep watching the victim  
Give psychological aid  
Keep the victim calm, avoid physical strain  
Depending on the victim's condition: doctor/hospital

#### INHALATION

Remove the victim into fresh air  
Respiratory problems: consult a doctor/medical service

#### SKIN

Remove clothing before washing  
Take victim to a doctor if irritation persists

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## EYES

Rinse immediately with plenty of water for 15 minutes  
Take victim to an ophthalmologist if irritation persists

## INGESTION

Do not induce vomiting  
Rinse mouth with water  
Immediately consult a doctor/medical service

## 5. FIRE-FIGHTING MEASURES

### EXTINGUISH. AGENTS-FIRE FIGHTING INSTR.

FIRE EXTINGUISHING MEDIA  
Water spray  
Dry chemical powder

### FIRE HAZARD

Material presenting a minor fire hazard  
Contains (highly) flammable component(s)  
Gas/vapour flammable with air within explosion limits

### SPECIAL PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS

## 6. ACCIDENTAL RELEASE MEASURES

### PERSONAL PROTECTION

Protective clothing  
Gloves  
Safety glasses  
Large spills/in enclosed spaces: compressed air apparatus  
Heat/fire exposure: compressed air/oxygen apparatus

### GENERAL MEASURES

Keep upwind - Mark the danger area - Stop engines and no smoking - No naked flames or sparks - Prevent spreading in sewers - Keep containers closed - Wash contaminated clothes

### LEAK

Dam up the liquid spill  
Contain released substance, pump over in suitable containers  
Plug the leak, cut off the supply

### DISPOSAL

Take up liquid spill into a non combustible material e.g.: dry sand/earth/vermiculite  
Scoop absorbed substance into closing containers  
Clean contaminated surfaces with an excess of water  
Wash clothing and equipment after handling

## 7. HANDLING AND STORAGE

### HANDLING THE PRODUCT

Comply with the legal requirements  
Observe normal hygiene standards  
Clean contaminated clothing  
Keep container tightly closed  
Keep away from naked flames/heat  
Keep away from ignition sources/sparks

### STORAGE

#### STORAGE AREA

Meet the legal requirements - Keep out of direct sunlight - container tightly closed - Store in a dry area - Store in a cool area - Keep container in a well-ventilated place

#### STORAGE TEMPERATURE

>0°C; <45°C

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## CONTAINERS

CONTAINERS : MATERIAL SELECTION SUITABLE MATERIAL:

polyethylene  
polypropylene  
stainless steel

CONTAINERS : REQUIREMENTS

closing  
clean  
correctly labelled  
meet the legal requirements

## SPECIFIC APPLICATIONS

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### VME/VLE

PRODUCT NAME	VME (PPM)	VME (MG/M <sup>3</sup> )	VLE (PPM)	VLE (MG/M <sup>3</sup> )
ethanol	1000	1900	5000	9500
isopropylalcohol			400	980

#### PERSONAL PROTECTION

Apron or other light protective clothing.  
Gloves  
Protective goggles

#### ENVIRONMENTAL PROTECTION EQUIPMENT

#### MATERIALS FOR PROTECTIVE CLOTHING

GIVE GOOD RESISTANCE:

nitrile rubber  
neoprene

GIVE POOR RESISTANCE:

PVA

### 9. PHYSICAL AND CHEMICAL PROPERTIES

#### GENERAL INFORMATION

STATE OF AGGREGATION

Liquid

ODOUR

mild odour  
alcohol odour

COLOUR

Colourless

OTHER PROPERTIES

Clear, Soluble in water

#### VALUES OF PHYSICAL PROPERTIES

SPECIFIC GRAVITY	996 kg/m <sup>3</sup> @ 15°C	PH	2.52
REFRACTIVE INDEX @ 20°C	1.3395		

#### HAZARDS FOR EXPLOSION AND FIRE

FLASHPOINT 57°C

#### DUST EXPLOSION

### 10. STABILITY AND REACTIVITY

#### STABILITY

Stable under normal conditions

#### CHEMICAL REACTIONS

Upon combustion CO and CO<sub>2</sub> are formed  
Reacts violently with (strong) oxidizers: (increased) risk of fire

#### PROHIBITIONS ON MIXED STORAGE

KEEP SUBSTANCE AWAY FROM:  
heat sources

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ignition sources  
oxidizing agents  
(strong) acids

HAZARDOUS DECOMPOSITION PRODUCTS

## 11. TOXICOLOGICAL INFORMATION

VALUES OF CHRONIC TOXICITY

TOXICITY

ACUTE TOXICITY - Contains harmful component(s)

TOXICITY HAZARD

DIRECT TOXICITY HAZARD - Anesthetic in high concentrations

EFFECTS/SYMPTOMS

SYMPTOMS/INJURIES

EXPOSURE TO HIGH CONCENTRATIONS: - Headache - Dizziness - Nausea -  
Dry skin - Red skin

SYMPTOMS/INJURIES AFTER SKIN CONTACT

ON CONTINUOUS/REPEATED EXPOSURE/CONTACT:

Degreasing

Dry skin

SYMPTOMS/INJURIES AFTER INHALATION

Dizziness

Irritation of the respiratory tract

Nausea

SYMPTOMS/INJURIES AFTER EYE CONTACT

Redness of the eye tissue

Slight irritation

SYMPTOMS/INJURIES AFTER INGESTION

Vomiting

Diarrhoea

Nausea

## 12. ECOLOGICAL PROPERTIES

MOBILITY

ECOLOGY - GENERAL

No data available

DEGRADABILITY

DEGRADABILITY

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer

## 13. DISPOSAL CONSIDERATIONS

Do not discharge into drains or the environment

Remove to an authorized waste treatment plant

DISPOSAL CODE

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Package	
Plastic	15.01.10*
Metal	15.01.11*
Product	
Oil additives	12.01.12*
Fuel additives	14.06.03*
Aqueous solutions	20.01.29*
Airco-cleaner	20.01.19

## 14. TRANSPORT INFORMATION

UN number 1993  
UN 1993 FLAMMABLE LIQUID, N.O.S. (ethanol), 3, III

### ROAD (ADR)

ADR CLASS 3 ADR CLASSIFICATION CODE F1  
ADR SYMBOL



3 black -  
Flammable liquids

ADR-PACKING GROUP III  
DANGER CODE 30

### RAIL (RID)

### SEA (IMDG)

IMDG CLASS 3 EMS NUMBER F-E, S-D  
MARINE POLLUTANT / IMDG PACKAGE GROUP III

### AIR (IATA/ICAO)

ICAO CLASS 3 ICAO PACKAGE GROUP III  
ICAO INSTRUCTION PASSENGER 309/Y309 ICAO INSTRUCTION CARGO 310

## 15. REGULATORY INFORMATION

Classification and labelling according to the directives 67/548/EEC, 1999/45/EC, 98/8/EC and Regulation (EC) 648/2004.

### SURFACTANTS

SURFACTANTS: <5% anionic surfactants

## 16. OTHER INFORMATION

### R-PHRASES

R11 - Highly flammable  
R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed  
R36 - Irritating to eyes  
R36/38 - Irritating to eyes and skin  
R67 - Vapours may cause drowsiness and dizziness

Sources of key data used: Raw material suppliers' data sheets were used as key data sources in the preparation of this safety data sheet.

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This safety data sheet has been made in accordance with the directives 91/155/EEG, 93/112/EEG, 2001/58/EG and Reach regulation 1907/2006.

It completes the technical directions for use, but does not replace it.

The data mentioned on these documents are to our knowledge correct on the date of publication and are provided on the assumption that the product will be used as indicated by the manufacturer/supplier. The indication of these safety data, without being considered as complete, helps the user to fulfil his obligations with regard to dangerous substances. The user is obliged to evaluate the product and use it in a safe way in compliance with the effective laws and stipulations. The user has to make sure that all regulations as to human and environmental protection during handling, storage and use of the products are observed.

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