

# Material Safety Data Sheet

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

## W45644 - Cooling System Stop Leak

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

#### IDENTIFICATION OF THE SUBSTANCE OR PREPARATION

W45644 - Cooling System Stop Leak

#### USE OF THE SUBSTANCE/PREPARATION

Repairs small leaks in cooling system

#### COMPANY IDENTIFICATION

COMPANY Wynn's Belgium B.V.B.A.  
 ADDRESS Industriepark-West 46  
 9100 SINT-NIKLAAS  
 TEL +32 (0)3 766.60.20  
 FAX +32 (0)3 778 16 56  
 WEBSITE www.wynns.eu  
 E-MAIL msds@wynns.eu  
 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 NICS/ELINCS	MIN/MAX	SYMBOL	R-PHRASES
2,2',2''-nitrioltriethanol: triethanolamine	102-71-6	203-049-8	0 <= C < 0.5 %		
2,2'-iminodiethanol: diethanolamine	111-42-2	203-868-0	0 <= C < 0.5 %	Xn	R22, R38, R41, R48/22
Borax decahydraat	1303-96-4	215-540-4	1 <= C < 2.5 %		
Oxazolidine, 3,3'-methylenebis[5-methyl-	66204-44-2	266-235-8	0 <= C < 0.5 %	C	R21/22, R34, R52
Sodium 4(or 5)-methyl-1H-benzotriazolide	64665-57-2	265-004-9	1 <= C < 2.5 %	C	R22, R34
Sugar Beet Pulp			1 <= C < 2.5 %		
chalk	1317-65-3	215-279-6	0 <= C < 0.5 %	O98	R098
direct blue 86: disodium [29H,31H-phtalocyaninedisulphonato(4-)-N29,N30,N31,N32]cuprate(2-)	1330-38-7	215-523-1	0 <= C < 0.5 %		
emulsion of organo modified polysiloxanes			0 <= C < 0.5 %	O99	R099
morpholine	110-91-8	203-815-1	0 <= C < 0.5 %	C	R10, R20/21/22, R34
silicon dioxide, amorphous	7631-86-9	231-545-4	0 <= C < 0.5 %	O98	R098
sodium hydroxide: caustic soda	1310-73-2	215-185-5	0 <= C < 0.5 %	C	R35
xanthan gum	11138-66-2	234-394-2	0 <= C < 0.5 %		

### 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

---

# W45644 - Cooling System Stop Leak

---

Keep the victim calm, avoid physical strain  
Depending on the victim's condition: doctor/hospital

## INHALATION

Remove the victim into fresh air

## SKIN

Wash immediately with lots of water (15 minutes)/shower  
Soap may be used  
Take victim to a doctor if irritation persists

## EYES

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

## INGESTION

Rinse mouth with water  
Do not induce vomiting  
Ingestion of large quantities: immediately to hospital

## 5. FIRE-FIGHTING MEASURES

### EXTINGUISH. AGENTS-FIRE FIGHTING INSTR.

FIRE EXTINGUISHING MEDIA  
All extinguishing media allowed

### FIRE HAZARD

No fire hazard

### EXPLOSION HAZARD

no explosion hazard

### SPECIAL PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS

## 6. ACCIDENTAL RELEASE MEASURES

### PERSONAL PROTECTION

Safety glasses

### GENERAL MEASURES

Mark the danger area - No naked flames - Wash contaminated clothes -  
Prevent soil and water pollution

### LEAK

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.: 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  
Measure the concentration in the air regularly  
Carry operations in the open/under local  
exhaust/ventilation or with respiratory protection  
Observe normal hygiene standards  
Clean contaminated clothing  
Keep container tightly closed  
Keep away from naked flames/heat

# W45644 - Cooling System Stop Leak

## STORAGE

STORAGE AREA Ventilation at floor level - Meet the legal requirements - Protect against frost

CONTAINERS

CONTAINERS : REQUIREMENTS closing  
correctly labelled  
meet the legal requirements  
Secure fragile packagings in solid containers

## 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> )
Calcium (carbonate de)	-	10 mg/m <sup>3</sup>	-	-

### MAK

PRODUCT NAME	MAK (MG/M <sup>3</sup> )	MAK (PPM)	MAK SKIN RESORPTION	MAK CARCINOGENICITY
--------------	--------------------------	-----------	---------------------	---------------------

\*\*\* Kiezelsaeure amorf 0.3 A/4 E mg/m<sup>3</sup>

### TLV

PRODUCT NAME	TLV-TWA (MG/M <sup>3</sup> )	TLV-TWA (PPM)	TLV-STEL (MG/M <sup>3</sup> )	TLV-STEL (PPM)
Calcium carbonate	(10) mg/m <sup>3</sup>		-	
*** Silica, amorf	(0.1 R/10 I) mg/m <sup>3</sup>		(-)	

## PERSONAL PROTECTION

Gloves  
Safety glasses  
Protective clothing

## ENVIRONMENTAL PROTECTION EQUIPMENT

### MATERIALS FOR PROTECTIVE CLOTHING

GIVE GOOD RESISTANCE:

neoprene  
nitrile rubber

GIVE POOR RESISTANCE:

PVA

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### GENERAL INFORMATION

STATE OF AGGREGATION Liquid

ODOUR almost odourless

COLOUR Green

SOLUBILITY IN WATER 100%

### VALUES OF PHYSICAL PROPERTIES

SPECIFIC GRAVITY	1016 kg/m <sup>3</sup> (15°C)	BOILING POINT	100°C
VISCOSITY	26 mPa.s (25°C)	PH	9.80
		SOLIDIFICATION POINT	0°C

DENSITY AT 20°C 1.011 kg/L

### HAZARDS FOR EXPLOSION AND FIRE

### DUST EXPLOSION

## 10. STABILITY AND REACTIVITY

### STABILITY

Stable under normal conditions

---

# W45644 - Cooling System Stop Leak

---

## PROHIBITIONS ON MIXED STORAGE

KEEP SUBSTANCE AWAY FROM:  
heat sources  
oxidizing agents

## HAZARDOUS DECOMPOSITION PRODUCTS

## 11. TOXICOLOGICAL INFORMATION

### VALUES OF CHRONIC TOXICITY

#### TOXICITY

ACUTE TOXICITY - Moderately irritant to skin - Moderately irritant for eyes -  
CHRONIC TOXICITY - Not classifiable as a human carcinogen - Not listed in  
mutagenicity class (EC,MAK) - Not listed in teratogenicity class (EC,MAK)

#### TOXICITY HAZARD

DIRECT TOXICITY HAZARD - Slightly irritating

#### EFFECTS/SYMPTOMS

##### SYMPTOMS/INJURIES AFTER SKIN CONTACT

ON CONTINUOUS EXPOSURE/CONTACT:  
No data available

##### SYMPTOMS/INJURIES AFTER EYE CONTACT

Slight irritation

## 12. ECOLOGICAL PROPERTIES

### MOBILITY

#### ECOLOGY - GENERAL

According to literature: no environmental hazard

#### ECOLOGY - WATER

Slightly or not bioaccumulative

#### ECOLOGY - SOIL

Biodegradability in soil: no data available

#### ECOLOGY - AIR

Classification concerning the environment: not applicable

### PERSISTENCE AND DEGRADABILITY

#### WGK

1

## 13. DISPOSAL CONSIDERATIONS

### DISPOSAL CONSIDERATIONS

Remove to an authorized waste treatment plant

## 14. TRANSPORT INFORMATION

### ROAD (ADR)

### RAIL (RID)

### SEA (IMDG)

### AIR (IATA/ICAO)

## 15. REGULATORY INFORMATION

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

---

# W45644 - Cooling System Stop Leak

---

## 16. OTHER INFORMATION

### R-PHRASES

R098 - -  
R099 - No available data  
R10 - Flammable  
R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed  
R21/22 - Harmful in contact with skin and if swallowed  
R22 - Harmful if swallowed  
R34 - Causes burns  
R35 - Causes severe burns  
R38 - Irritating to skin  
R41 - Risk of serious damage to eyes  
R48/22 - Harmful: danger of serious damage to health by prolonged exposure if swallowed  
R52 - Harmful to aquatic organisms.

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

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.

---