

# Material Safety Data Sheet

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

## W45944 - Cooling System Flush

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

#### IDENTIFICATION OF THE SUBSTANCE OR PREPARATION

W45944 - Cooling System Flush

#### USE OF THE SUBSTANCE/PREPARATION

Cleaning and maintenance product.

#### 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/ELI NCS	MIN/MAX	SYMBOL	R-PHRASES
Isotridecanol, ethoxylated	69011-36-5	Polymer	1 < C < 2,5 %	Xn	R22, R41
Sodium 4(or 5)-methyl-1H-benzotriazolide	64665-57-2	265-004-9	1 < C < 2,5 %	C	R22, R34
sodiumnitrotriacetate monohydrate	18662-53-8	225-768-6	2,5 < C < 5 %	Xn	R22, R36, R40

### 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

#### SKIN

Wash immediately with lots of water (15 minutes)/shower  
Soap may be used  
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

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

## 5. FIRE-FIGHTING MEASURES

### EXTINGUISH. AGENTS-FIRE FIGHTING INSTR.

All extinguishing media allowed

### FIRE HAZARD

No fire hazard

### EXPLOSION HAZARD

No data available

### SPECIAL PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS

## 6. ACCIDENTAL RELEASE MEASURES

### PERSONAL PROTECTION

Safety glasses  
Gloves

### GENERAL MEASURES

Mark the danger area - No naked flames - Wash contaminated clothes

### LEAK

Prevent soil and water pollution  
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  
Observe normal hygiene standards  
Clean contaminated clothing  
Keep container tightly closed

### STORAGE

### STORAGE AREA

Meet the legal requirements - Protect against frost

### CONTAINERS

### CONTAINERS : REQUIREMENTS

closing  
correctly labelled  
meet the legal requirements

### SPECIFIC APPLICATIONS

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### PERSONAL PROTECTION

Gloves

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Safety glasses

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

Light green to green

SOLUBILITY IN WATER

completely soluble

OTHER PROPERTIES

Translucent, The physical and chemical data in this section are typical values for this product and are not intended as product specifications.

VALUES OF PHYSICAL PROPERTIES

SPECIFIC GRAVITY

1071 kg/m<sup>3</sup> @ 15°C

BOILING POINT

>100

PH

11.5 - 12.5

REFRACTIVE INDEX @ 20°C

1.3562

HAZARDS FOR EXPLOSION AND FIRE

FLASHPOINT

Not applicable

EXPLOSION RISK

## 10. STABILITY AND REACTIVITY

STABILITY

Stable under normal conditions

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

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 - WATER

The surfactants are biodegradable

PERSISTENCE AND DEGRADABILITY

WGK

1

DEGRADABILITY

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## 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

Remove to an authorized waste treatment plant

### DISPOSAL CODE

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 Not applicable

UN Niet van toepassing

ROAD (ADR)

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.

ADDITIONAL RISK PHRASES

101 - Safety data sheet available for professional user on request

EC LIST

The preparation is classified as non corrosive based on the evaluation of the components (attachment to the directive 2004/73/EC)

SURFACTANTS

SURFACTANTS: <5%

non-ionic surfactants

NTA (nitrilotriacetic acid) and salts thereof

## 16. OTHER INFORMATION

R-PHRASES

R22 - Harmful if swallowed

R34 - Causes burns

R36 - Irritating to eyes

R40 - Limited evidence of a carcinogenic effect

R41 - Risk of serious damage to eyes

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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