

# Material Safety Data Sheet

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

## W77101 - High Performance Engine Treatment

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

#### IDENTIFICATION OF THE SUBSTANCE OR PREPARATION

W77101 - High Performance Engine Treatment

#### USE OF THE SUBSTANCE/PREPARATION

Synthetic lubricant.

#### COMPANY IDENTIFICATION

COMPANY Wynn's Belgium B.V.B.A.  
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### 2. HAZARDS IDENTIFICATION

#### HAZARDS FOR HUMANS AND THE ENVIRONMENT

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

#### OTHER DANGERS

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### INFORMATION ON INGREDIENTS

NAME	CAS NO	EINECS/ELINCS	MIN/MAX	SYMBOL	R-PHRASES
Olefinesulfide	Confidential	Confidential	1 < C < 2,5 %		R53
Phosphorodithiolic acid, O,O-di-C1-14-alkyl esters, zinc salts	68649-42-3	272-028-3	2,5 < C < 5 %	XI,N	R38, R41, R51/53
strongly refined mineral oil (C15-50)			1 < C < 2,5 %		
strongly refined paraffinic base oil			25 < C < 50 %		

### 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

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Remove clothing before washing  
wash immediately with plenty of water and soap

## 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  
Consult a doctor/medical service if you feel unwell

## 5. FIRE-FIGHTING MEASURES

### EXTINGUISH. AGENTS-FIRE FIGHTING INSTR.

#### FIRE EXTINGUISHING MEDIA

Polyvalent foam  
BC powder  
Carbon dioxide

#### FIREFIGHTING INSTRUCTIONS:

Use extinguishing media appropriate for the surrounding materials.  
Cool tanks/drums with water spray/remove them into safety  
Solid water jet ineffective as extinguishing medium

### FIRE HAZARD

Combustible  
Heating increases the fire hazard

### EXPLOSION HAZARD

No direct explosion hazard

### SPECIAL PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS

## 6. ACCIDENTAL RELEASE MEASURES

### PERSONAL PROTECTION

Gloves  
Safety glasses  
Heat/fire exposure: compressed air/oxygen apparatus  
Protective clothing

### GENERAL MEASURES

Mark the danger area - No naked flames - Wash contaminated clothes -  
Exposure to fire/heat: keep upwind - Prevent soil and water pollution -  
Prevent spreading in sewers

### LEAK

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

### DISPOSAL

Warning! Product may cause floors to be slippery  
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 and soap solution  
Wash clothing and equipment after handling

## 7. HANDLING AND STORAGE

### HANDLING THE PRODUCT

Comply with the legal requirements  
Observe normal hygiene standards

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Clean contaminated clothing  
Keep away from naked flames/heat

## STORAGE

### STORAGE AREA

Meet the legal requirements - Keep out of direct sunlight

### STORAGE TEMPERATURE

<45°C

## CONTAINERS

### CONTAINERS : REQUIREMENTS

closing  
correctly labelled  
meet the legal requirements

## SPECIFIC APPLICATIONS

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### PERSONAL PROTECTION

Gloves  
safety glasses or face shield  
Protective clothing  
Insufficient ventilation: wear respiratory protection

### ENVIRONMENTAL PROTECTION EQUIPMENT

### MATERIALS FOR PROTECTIVE CLOTHING

nitrile rubber  
neoprene

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### GENERAL INFORMATION

#### STATE OF AGGREGATION

Liquid

#### ODOUR

oil-like odour

#### COLOUR

Amber

#### SOLUBILITY IN WATER

0%

#### OTHER PROPERTIES

Clear, Viscous, 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

869 kg/m<sup>3</sup> @ 15°C

#### VISCOSITY

909.2 mm<sup>2</sup>/s @ 40°C // 101.5 mm<sup>2</sup>/s @  
100°C // VI: 208

#### CLASSIFICATION

DMSO (IP346) <3%

#### REFRACTIVE INDEX @ 20°C

1.4747

### HAZARDS FOR EXPLOSION AND FIRE

#### FLASHPOINT

>190°C

#### FIRE HAZARD:

Combustible

### EXPLOSION RISK

## 10. STABILITY AND REACTIVITY

### STABILITY

Stable under normal conditions

### CHEMICAL REACTIONS

On burning: release of e.g. carbon monoxide - carbon dioxide

### PROHIBITIONS ON MIXED STORAGE

KEEP SUBSTANCE AWAY FROM:  
heat sources  
oxidizing agents

### HAZARDOUS DECOMPOSITION PRODUCTS

## 11. TOXICOLOGICAL INFORMATION

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## VALUES OF CHRONIC TOXICITY

### TOXICITY

Literature reports: practically non-toxic if swallowed - Slightly irritant to skin - Slightly irritant to eyes

### TOXICITY HAZARD

Slightly irritating

### EFFECTS/SYMPTOMS

#### SYMPTOMS/INJURIES

ON CONTINUOUS/REPEATED EXPOSURE/CONTACT: - Skin rash/inflammation

#### SYMPTOMS/INJURIES AFTER SKIN CONTACT

ON CONTINUOUS/REPEATED EXPOSURE/CONTACT:

Red skin

Tingling/irritation of the skin

#### SYMPTOMS/INJURIES AFTER INHALATION

ON HEATING:

Irritation of the nasal mucous membranes

Irritation of the respiratory tract

#### SYMPTOMS/INJURIES AFTER EYE CONTACT

Irritation of the eye tissue

#### SYMPTOMS/INJURIES AFTER INGESTION

Abdominal pain

Diarrhoea

Nausea

Vomiting

## 12. ECOLOGICAL PROPERTIES

### MOBILITY

#### ECOLOGY - GENERAL

Contains environmentally dangerous component(s)

#### ECOLOGY - WATER

Contains non readily biodegradable component(s)

### PERSISTENCE AND DEGRADABILITY

#### WGK

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## 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

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## 14. TRANSPORT INFORMATION

UN NO Not applicable

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.

R-PHRASES R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

S-PHRASES S61 - Avoid release to the environment. Refer to special instructions/safety data sheets.

## 16. OTHER INFORMATION

R-PHRASES R38 - Irritating to skin  
R41 - Risk of serious damage to eyes  
R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment  
R53 - May cause long-term adverse effects in the aquatic environment

REVISION §9

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.

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