

# Material Safety Data Sheet

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

## W47244 - Oil System Cleaner

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

#### IDENTIFICATION OF THE SUBSTANCE OR PREPARATION

W47244 - Oil System Cleaner

#### USE OF THE SUBSTANCE/PREPARATION

Treatment for the cleaning of oil circuits.

#### COMPANY IDENTIFICATION

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

Xn -  
harmful

#### HAZARDS FOR HUMANS AND THE ENVIRONMENT

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment - Harmful: may cause lung damage if swallowed - Repeated exposure may cause skin dryness or cracking

#### OTHER DANGERS

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### INFORMATION ON INGREDIENTS

NAME	CAS NO	EI N I C S / E L I N C S	MIN/MAX	SYMBOL	R-PHRASES
1,2,4-trimethylbenzene	95-63-6	202-436-9	0,5 <= C < 1 %	Xn,N	R10, R20, R36/37/38, R51/53
Distillates (petroleum), hydrotreated heavy naphthenic: Baseoil - unspecified	64742-52-5	265-155-0	10 < C < 20 %		
Kerosine (petroleum), hydrodesulfurized: Kerosine - unspecified	64742-81-0	265-184-9	50 < C < 75 %	Xn	R65, R66
Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts	68649-42-3	272-028-3	0,5 < C < 1 %	XI,N	R38, R41, R51/53
Solvent naphtha (petroleum), heavy arom.: Kerosine - unspecified	64742-94-5	265-198-5	10 < C < 20 %	Xn,N	R51/53, R65, R66, R67
naphthalene	91-20-3	202-049-5	< 0,5 %	Xn,N	R22, R40, R50/53

### 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

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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

wash immediately with plenty of water and soap  
Take victim to a doctor if irritation persists

## EYES

Rinse immediately with plenty of water  
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  
Ingestion of large quantities: immediately to hospital

## 5. FIRE-FIGHTING MEASURES

### EXTINGUISH. AGENTS-FIRE FIGHTING INSTR.

#### FIRE EXTINGUISHING MEDIA

Water spray  
AFFF foam  
BC powder  
Carbon dioxide

#### FIREFIGHTING INSTRUCTIONS:

Solid water jet ineffective as extinguishing medium  
Cool tanks/drums with water spray/remove them into safety  
Take account of environmentally hazardous firefighting water  
Use water moderately and if possible collect or contain it

### FIRE HAZARD

Material presenting a minor fire hazard  
Temperature above flashpoint: higher fire/explosion hazard  
May build up electrostatic charges: risk of ignition

### EXPLOSION HAZARD

No direct explosion hazard

### SPECIAL PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS

## 6. ACCIDENTAL RELEASE MEASURES

### PERSONAL PROTECTION

Gloves  
Face-shield  
Protective clothing  
Large spills/in enclosed spaces: compressed air apparatus  
Heat/fire exposure: compressed air/oxygen apparatus

### GENERAL MEASURES

Mark the danger area - Stop engines and no smoking - No naked flames or sparks - Prevent soil and water pollution - Prevent spreading in sewers - Exposure to fire/heat: keep upwind - Seal off low-lying areas - Wash contaminated clothes

### LEAK

Plug the leak, cut off the supply

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Dam up the liquid spill  
Contain released substance, pump over in suitable containers  
Provide equipment/receptacles with earthing  
Do not use compressed air for pumping over spills

## DISPOSAL

Do not use compressed air for pumping over spills  
Take up liquid spill into inert absorbent material, e.g.: sand  
Scoop absorbed substance into closing containers  
Carefully collect the spill/leftovers  
Wash clothing and equipment after handling  
Clean contaminated surfaces with an excess of water and soap solution

## 7. HANDLING AND STORAGE

### HANDLING THE PRODUCT

Comply with the legal requirements  
Carry operations in the open/under local exhaust/ventilation or with respiratory protection  
Observe normal hygiene standards  
Remove contaminated clothing immediately  
Clean contaminated clothing  
Keep away from naked flames/heat  
Keep away from ignition sources/sparks  
Do not discharge the waste into the drain  
Do not use compressed air for pumping over

### STORAGE

#### STORAGE AREA

Store at ambient temperature - Keep out of direct sunlight - Fireproof storeroom - Ventilation at floor level - Provide for a tub to collect spills - Meet the legal requirements

#### STORAGE TEMPERATURE

< 45°C

#### CONTAINERS

#### CONTAINERS : REQUIREMENTS

closing  
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> )
1,2,4-trimethylbenzene	20	100		
Naphtal?ne	10 ppm	50 mg/m <sup>3</sup>	-	-

### MAC

PRODUCT NAME	MAC (MG/M <sup>3</sup> )	MAC (PPM)	MAC SHORT TIME (MG/M <sup>3</sup> )	MAC SHORT TIME (PPM)
Naftaleen	50 mg/m <sup>3</sup>		80 mg/m <sup>3</sup>	

### MAK

PRODUCT NAME	MAK (MG/M <sup>3</sup> )	MAK (PPM)	MAK SKIN RESORPTION	MAK CARCINOGENICITY
Naphtalin	-	-	H	2

### OEL/TRK

PRODUCT NAME	TRK (MG/M <sup>3</sup> )	TRK (PPM)	TRK SKIN RESORPTION	TRK CARCINOGENICITY
Naphtalin	50 mg/m <sup>3</sup>	10 ppm		

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## TLV

PRODUCT NAME	TLV-TWA (MG/M <sup>3</sup> )	TLV-TWA (PPM)	TLV-STEL (MG/M <sup>3</sup> )	TLV-STEL (PPM)
Naphthalene		10 ppm		15 ppm

## PERSONAL PROTECTION

Gloves  
Face shield  
Protective clothing  
High gas/vapour concentration: gas mask

## ENVIRONMENTAL PROTECTION EQUIPMENT

### MATERIALS FOR PROTECTIVE CLOTHING

#### GIVE GOOD RESISTANCE:

nitrile rubber

neoprene

#### GIVE POOR RESISTANCE:

natural rubber

PVC

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### GENERAL INFORMATION

STATE OF AGGREGATION	Liquid
ODOUR	characteristic odour
COLOUR	Yellow
OTHER PROPERTIES	Insoluble in water, 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	853.6 kg/m <sup>3</sup> @ 15°C
VISCOSITY	2.90 mm <sup>2</sup> /s @ 40°C
CLASSIFICATION	DMSO (IP346) <3%

### HAZARDS FOR EXPLOSION AND FIRE

FLASHPOINT	75°C
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### EXPLOSION RISK

## 10. STABILITY AND REACTIVITY

### STABILITY

Stable under normal conditions

### CHEMICAL REACTIONS

Upon combustion CO and CO<sub>2</sub> are formed

### PROHIBITIONS ON MIXED STORAGE

KEEP SUBSTANCE AWAY FROM:

heat sources

ignition sources

(strong) acids

oxidizing agents

### HAZARDOUS DECOMPOSITION PRODUCTS

## 11. TOXICOLOGICAL INFORMATION

### VALUES OF CHRONIC TOXICITY

#### TOXICITY

ACUTE TOXICITY - Harmful: may cause lung damage if swallowed - Moderately irritant for eyes - Slightly irritant to respiratory organs - CHRONIC TOXICITY - Not listed in carcinogenicity class (IARC,EC,TLV,MAK) - Not listed in mutagenicity class (EC,MAK) - Not classified as toxic to reproduction (EC)

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## TOXICITY HAZARD

Literature reports harmful - Irritating

## EFFECTS/SYMPTOMS

### SYMPTOMS/INJURIES AFTER SKIN CONTACT

Red skin  
Dry skin  
Tingling/irritation of the skin

### SYMPTOMS/INJURIES AFTER INHALATION

Irritation of the respiratory tract  
Nausea  
Dizziness  
Disturbances of consciousness  
CNS depression

### SYMPTOMS/INJURIES AFTER EYE CONTACT

Redness of the eye tissue  
Irritation of the eye tissue

### SYMPTOMS/INJURIES AFTER INGESTION

Headache  
Abdominal pain  
Diarrhoea  
Risk of aspiration pneumonia

## 12. ECOLOGICAL PROPERTIES

### MOBILITY

#### ECOLOGY - GENERAL

Contains environmentally dangerous component(s)

#### ECOLOGY - WATER

Contains non readily biodegradable component(s)

### PERSISTENCE AND DEGRADABILITY

WGK

2

## 13. DISPOSAL CONSIDERATIONS

Hazardous waste (91/689/EEC)

Remove to an authorized plant for the destruction, neutralization and elimination of hazardous waste  
Use appropriate containment to avoid environmental contamination

### PACKAGING/CONTAINER

Waste material code packaging (91/689/EEC, Council Decision 2001/118/EC, O.J. L47 of 16/2/2001):

15 01 10\*

packaging containing residues of or contaminated by dangerous substances

### 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 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.

NAME OF THE COMPONENTS DETERMINING THE DANGER

NAME

Kerosine (petroleum), hydrodesulfurized; Kerosine - unspecified

Solvent naphtha (petroleum), heavy arom.; Kerosine - unspecified

CAS NO

64742-81-0

64742-94-5

SYMBOL



Xn -  
harmful

R-PHRASES

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

R65 - Harmful: may cause lung damage if swallowed

R66 - Repeated exposure may cause skin dryness or cracking

S-PHRASES

S(02) - (Keep out of reach of children)

S23 - Do not breathe vapour

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

S(62) - (If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label)

SURFACTANTS

SURFACTANTS: <5%

non-ionic surfactants

SURFACTANTS: 15 - 30%

aromatic hydrocarbons

SURFACTANTS: >30%

aliphatic hydrocarbons

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## 16. OTHER INFORMATION

### R-PHRASES

- R10 - Flammable
- R20 - Harmful by inhalation
- R22 - Harmful if swallowed
- R36/37/38 - Irritating to eyes, respiratory system and skin
- R38 - Irritating to skin
- R40 - Limited evidence of a carcinogenic effect
- R41 - Risk of serious damage to eyes
- R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
- R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
- R65 - Harmful: may cause lung damage if swallowed
- R66 - Repeated exposure may cause skin dryness or cracking
- 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.

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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