

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.
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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
3,3'-methylenebis[5-methyl-oxazolidine]	66204-44-2	266-235-8	0,05 < C < 0,1 %	C	R21/22, R34, R52

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

EYES

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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

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

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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 completely soluble

VALUES OF PHYSICAL PROPERTIES

SPECIFIC GRAVITY	1007 kg/m ³ @ 15°C	PH	7.75
VISCOSITY	255 mPa.s @ 25°C	SOLIDIFICATION POINT	± 0°C

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

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

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ECOLOGY - SOIL

Biodegradability in soil: no data available

ECOLOGY - AIR

Classification concerning the environment: not applicable

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

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.

16. OTHER INFORMATION

R-PHRASES

R21/22 - Harmful in contact with skin and if swallowed

R34 - Causes burns

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.