

Material Safety Data Sheet

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

B31383 - ValveCare L2

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

IDENTIFICATION OF THE SUBSTANCE OR PREPARATION

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USE OF THE SUBSTANCE/PREPARATION

Fuel Additive.

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

Flammable - Harmful in contact with skin - Irritating to eyes and skin - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment - Harmful: may cause lung damage if swallowed

OTHER DANGERS

3. COMPOSITION/INFORMATION ON INGREDIENTS

INFORMATION ON INGREDIENTS

NAME	CAS NO	EINECS/ELINCS	MIN/MAX	SYMBOL	R-PHRASES
6-tert-butyl-2,4-xyleneol	1879-09-0	217-533-1	0,5 < C < 1 %	T+,N	R22, R27, R36/38, R50/53
Distillates (petroleum), hydrotreated light; Kerosine - unspecified	64742-47-8	265-149-8	10 <= C < 25 %	Xn	R65, R66
Kerosine (petroleum), hydrodesulfurized; Kerosine - unspecified	64742-81-0	265-184-9	1 < C < 2,5 %	Xn	R65, R66
Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha	64742-48-9	265-150-3	25 < C < 50 %	Xn	R10, R65, R66
Polyalkylene amine	Polymer	Polymer	10 <= C < 25 %	XI	R38, R52/53
Polyether	173140-85-7	Polymer	5 <= C < 10 %	XI	R38
Potassium Carboxylate	confidential		20 < C < 30 %	XI	R36/38, R52
Solvent naphtha (petroleum), heavy arom.; Kerosine - unspecified	64742-94-5	265-198-5	1 < C < 2,5 %	Xn,N	R51/53, R65, R66, R67
octane [and isomers]	111-65-9	203-892-1	0,25 < C < 0,5 %	F,Xn,N	R11, R38, R50/53, R65, R67

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

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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
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

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

Flammable
Gas/vapour flammable with air within explosion limits
May build up electrostatic charges: risk of ignition
May be ignited by sparks

EXPLOSION HAZARD

Gas/vapour explosive with air within explosion limits
May be ignited by sparks

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

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Mark the danger area - Stop engines and no smoking - No naked flames or sparks - Spark- and explosionproof appliances and lighting equipment - Prevent soil and water pollution - Prevent spreading in sewers - Wash contaminated clothes

LEAK

Plug the leak, cut off the supply
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

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
Observe normal hygiene standards
Remove contaminated clothing immediately
Clean contaminated clothing
Keep away from naked flames/heat
Keep away from ignition sources/sparks
Take precautions against electrostatic charges
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 - Provide the tank with earthing - 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

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

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PVC

9. PHYSICAL AND CHEMICAL PROPERTIES

GENERAL INFORMATION

STATE OF AGGREGATION Liquid
ODOUR naphtha odour
COLOUR Light yellow
OTHER PROPERTIES Clear, 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 865.6 kg/m³ @ 15°C
REFRACTIVE INDEX @ 20°C 1.4456

HAZARDS FOR EXPLOSION AND FIRE

FLASHPOINT 47°C

EXPLOSION RISK

10. STABILITY AND REACTIVITY

STABILITY

Stable under normal conditions

CHEMICAL REACTIONS

Upon combustion CO and CO₂ 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

Harmful: may cause lung damage if swallowed - Harmful in contact with skin - Irritant to the skin - Moderately irritant for eyes - Slightly irritant to respiratory organs

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

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Diarrhoea
Risk of aspiration pneumonia

12. ECOLOGICAL PROPERTIES

MOBILITY

ECOLOGY - GENERAL

According to literature: environmental hazard

ECOLOGY - WATER

Contains ground water contaminating component(s)

Water pollutant (surface water)

Literature reports may cause long-term adverse effects in the aquatic environment

Harmful to aquatic organisms

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

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 number 1993

UN 1993 FLAMMABLE LIQUID, N.O.S. (Naphtha), 3, III

ROAD (ADR)

ADR CLASS 3 ADR CLASSIFICATION CODE F1
ADR SYMBOL



3 black -
Flammable liquids

ADR-PACKING GROUP III
DANGER CODE 30

STATE DURING TRANSPORT (ADR-RID) Tunnel restrictions code (8.6): (D/E)

SEA (IMDG)

IMDG CLASS 3 EMS NUMBER F-E, S-E
MARINE POLLUTANT / IMDG PACKAGE GROUP III

AIR (IATA/ICAO)

ICAO CLASS 3 ICAO PACKAGE GROUP III
ICAO INSTRUCTION PASSENGER 309/Y309 ICAO INSTRUCTION CARGO 310

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	CAS NO
6-tert-butyl-2,4-xyleneol	1879-09-0
Distillates (petroleum), hydrotreated light; Kerosine - unspecified	64742-47-8
Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha	64742-48-9

SYMBOL



Xn -
harmful

R-PHRASES

R10 - Flammable
R21 - Harmful in contact with skin
R36/38 - Irritating to eyes and skin
R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

S-PHRASES

R65 - Harmful: may cause lung damage if swallowed
S(02) - (Keep out of reach of children)
S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S36/37 - Wear suitable protective clothing and gloves
S60 - This material and/or its container must be disposed of as hazardous waste
S62 - If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

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16. OTHER INFORMATION

R-PHRASES

- R10 - Flammable
- R11 - Highly flammable
- R22 - Harmful if swallowed
- R27 - Very toxic in contact with skin
- R36/38 - Irritating to eyes and skin
- R38 - Irritating to skin
- 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
- R52 - Harmful to aquatic organisms.
- 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
- 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.
