

Material Safety Data Sheet

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

W76695 - Injection System Purge

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

IDENTIFICATION OF THE SUBSTANCE OR PREPARATION

W76695 - Injection System Purge

USE OF THE SUBSTANCE/PREPARATION

COMPANY IDENTIFICATION

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



F - highly flammable



Xn - harmful



N - dangerous for the environment

HAZARDS FOR HUMANS AND THE ENVIRONMENT

Highly flammable - Irritating to eyes and skin - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment - Harmful: may cause lung damage if swallowed - Vapours may cause drowsiness and dizziness

OTHER DANGERS

3. COMPOSITION/INFORMATION ON INGREDIENTS

INFORMATION ON INGREDIENTS

NAME	CAS NO	EI NICS/ELINCS	MIN/MAX	SYMBOL	R-PHRASES
1,2,4-trimethylbenzene	95-63-6	202-436-9	0 <= C < 0.5 %	Xn,N	R10, R20, R36/37/38, R51/53
2,2'-Iminodiethanol; diethanolamine	111-42-2	203-868-0	0 <= C < 0.5 %	Xn	R22, R38, R41, R48/22
2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether	112-34-5	203-961-6	1 <= C < 2.5 %	XI	R36
2-butoxyethanol; ethylene glycol monobutyl ether; butyl cellosolve	111-76-2	203-905-0	2.5 <= C < 5 %	Xn	R20/21/22, R36/38
2-methylpentane-2,4-diol	107-41-5	203-489-0	0 <= C < 0.5 %	XI	R36/38
Amides, vegetable-oil, N,N-bis(hydroxyethyl)	68155-26-0	268-952-1	2.5 <= C < 5 %	XI	R38, R41
Distillates (petroleum), hydrotreated light; Kerosine - unspecified	64742-47-8	265-149-8	0 <= C < 0.5 %	Xn	R65, R66
N-methyl-2-pyrrolidone	872-50-4	212-828-1	10 <= C < 20 %	XI	R36/38
Naphtha (petroleum), hydrotreated light; Low boiling point hydrogen treated naphtha	64742-49-0	265-151-9	0.5 <= C < 1 %	F,Xn,N	R11, R38, R51/53, R65, R67
Solvent naphtha (petroleum), light arom.; Low boiling point naphtha - unspecified	64742-95-6	265-199-0	0 <= C < 0.5 %	Xn,N	R10, R37, R51/53, R65, R66, R67
ammonia ...%	1336-21-6	215-647-6	0 <= C < 0.5 %	C,N	R34, R50
cumene	98-82-8	202-704-5	0 <= C < 0.5 %	Xn,N	R10, R37, R51/53, R65
cyclohexane	110-82-7	203-806-2	0 <= C < 0.5 %	F,Xn,N	R11, R38, R50/53, R65, R67
cyclopentane	287-92-3	206-016-6	2.5 <= C < 5 %	F	R11, R52/53
fatty acids, C14-18 and C16-18-unsaturated	67701-06-8	266-930-6	5 <= C < 10 %	O98	R098
formaldehyde ...%	50-00-0	200-001-8	0 <= C < 0.5 %	T	R23/24/25, R34, R40, R43
heptane [and isomers]	142-82-5	205-563-8	0 <= C < 0.5 %	F,Xn,N	R11, R38, R50/53, R65, R67
isomeric mixture: 2,2'-[[4or5-methyl-1H-benzotriazol-1-yl)-methyl]imino]bisethanol	88488-37-6	279-501-3 & 279-502-3	0 <= C < 0.5 %	Xn	R22, R41, R43, R52/53
mesitylene: 1,3,5-trimethylbenzene	108-67-8	203-604-4	0 <= C < 0.5 %	XI,N	R10, R37, R51/53
methylcyclohexane	108-87-2	203-624-3	0 <= C < 0.5 %	F,Xn,N	R11, R38, R51/53, R65, R67
octane [and isomers]	111-65-9	203-892-1	0.5 <= C < 1 %	F,Xn,N	R11, R38, R50/53, R65, R67
pentane	109-66-0	203-692-4	25 <= C < 50 %	F+,Xn,N	R12, R51/53, R65, R66, R67
propylbenzene	103-65-1	203-132-9	0 <= C < 0.5 %	Xn,N	R10, R37, R51/53, R65

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tricarbonyl(methylcyclopentadienyl)manganese
xylene

12108-13-3 235-166-5
1330-20-7 215-535-7

0.5 <= C < 1 % T+,N
0 <= C < 0.5 % Xn

R24/25, R26, R50
R10, R20/21, R38

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
Respiratory problems: consult a doctor/medical service

SKIN

In case of burns
Rinse immediately with plenty of water for 15 minutes
Remove clothing before washing
Take victim to a doctor if irritation persists

EYES

Rinse immediately with plenty of water for 15 minutes
Consult a doctor/medical service
Take victim to an ophthalmologist if irritation persists

INGESTION

Do not induce vomiting
Immediately consult a doctor/medical service
Ingestion of large quantities: immediately to hospital

5. FIRE-FIGHTING MEASURES

EXTINGUISH. AGENTS-FIRE FIGHTING INSTR.

FIRE EXTINGUISHING MEDIA

Carbon dioxide
Dry chemical powder
AFFF foam
Solid water jet ineffective as extinguishing medium

FIREFIGHTING INSTRUCTIONS:

If no hazard for/from the surroundings: controlled burning
If hazardous substances are nearby: consider extinguishment
Cool tanks/drums with water spray/remove them into safety
Extinguish/cool from behind cover/unmanned monitors

FIRE HAZARD

DIRECT FIRE HAZARD

Highly flammable
Gas/vapour flammable with air within explosion limits

INDIRECT FIRE HAZARD

May build up electrostatic charges: risk of ignition

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EXPLOSION HAZARD	May be ignited by sparks
	Gas/vapour spreads at floor level: ignition hazard
SPECIAL PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS	DIRECT EXPLOSION HAZARD
	Gas/vapour explosive with air within explosion limits
	INDIRECT EXPLOSION HAZARD
	May be ignited by sparks

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTION

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

GENERAL MEASURES

Keep upwind - Mark the danger area - Consider evacuation - Seal off low-lying areas - Close doors and windows of adjacent premises - 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 - Keep containers closed - Wash contaminated clothes

LEAK

Dam up the liquid spill
Contain released substance, pump over in suitable containers
Plug the leak, cut off the supply
Try to reduce evaporation
Dilute/disperse combustible gas/vapour with water curtain
Provide equipment/receptacles with earthing
Do not use compressed air for pumping over spills

DISPOSAL

Take up liquid spill into a non combustible material e.g.: dry 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
Work under local exhaust/ventilation
Observe normal hygiene standards
Remove contaminated clothing immediately
Clean contaminated clothing
Keep container tightly closed
Use spark-/explosionproof appliances and lighting system
Take precautions against electrostatic charges
Keep away from naked flames/heat
Keep away from ignition sources/sparks
Handle uncleaned empty containers as full ones
Do not discharge the waste into the drain
Do not use compressed air for pumping over

STORAGE

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STORAGE AREA	Meet the legal requirements - Keep out of direct sunlight - container tightly closed - Store in a dry area - Store in a cool area - Keep container in a well-ventilated place
STORAGE TEMPERATURE	<45°C
CONTAINERS	
CONTAINERS : MATERIAL SELECTION	SUITABLE MATERIAL: carbon steel polyethylene polypropylene stainless steel
CONTAINERS : REQUIREMENTS	closing clean correctly labelled meet the legal requirements Secure fragile packagings in solid containers
SPECIFIC APPLICATIONS	

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

VME/VLE

PRODUCT NAME	VME (PPM)	VME (MG/M ³)	VLE (PPM)	VLE (MG/M ³)
1,2,4-trimethylbenzene	20	100		
xyleen	50	221	100	442

PERSONAL PROTECTION

Protective clothing
Gloves
Protective goggles
Head/neck protection
Gas mask with filter type A
High gas/vapour concentration: compressed air/oxygen
BA

ENVIRONMENTAL PROTECTION EQUIPMENT

MATERIALS FOR PROTECTIVE CLOTHING

GIVE GOOD RESISTANCE:
nitrile rubber
neoprene
GIVE POOR RESISTANCE:
PVA

9. PHYSICAL AND CHEMICAL PROPERTIES

GENERAL INFORMATION

STATE OF AGGREGATION	Liquid
ODOUR	naphtha odour
COLOUR	Colourless to light yellow

VALUES OF PHYSICAL PROPERTIES

SPECIFIC GRAVITY	740 kg/m ³ (15°C)	BOILING POINT	>35°C
DENSITY AT 20°C	0.734 kg/L		
HAZARDS FOR EXPLOSION AND FIRE			
FLASHPOINT	<0°C		

DUST EXPLOSION

10. STABILITY AND REACTIVITY

STABILITY

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Stable under normal conditions

CHEMICAL REACTIONS

Upon combustion CO and CO₂ are formed
Reacts violently with (strong) oxidizers: (increased) risk of fire
(strong) acids

PROHIBITIONS ON MIXED STORAGE

KEEP SUBSTANCE AWAY FROM:
heat sources
ignition sources
oxidizing agents
(strong) acids

HAZARDOUS DECOMPOSITION PRODUCTS

11. TOXICOLOGICAL INFORMATION

VALUES OF CHRONIC TOXICITY

TOXICITY

ACUTE TOXICITY - Vapours may cause drowsiness and dizziness - Irritant to the eyes - Repeated exposure may cause skin dryness or - cracking

TOXICITY HAZARD

DIRECT TOXICITY HAZARD - Literature reports harmful - Irritating - Anesthetic in high concentrations

EFFECTS/SYMPTOMS

SYMPTOMS/INJURIES

ON CONTINUOUS/REPEATED EXPOSURE/CONTACT: - Headache - Dizziness - Nausea - Dry skin - Red skin - Swelling of the skin - Skin rash/inflammation

SYMPTOMS/INJURIES AFTER SKIN CONTACT

ON CONTINUOUS/REPEATED EXPOSURE/CONTACT:
Degreasing
Dry skin

SYMPTOMS/INJURIES AFTER INHALATION

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

SYMPTOMS/INJURIES AFTER EYE CONTACT

Irritation of the eye tissue

SYMPTOMS/INJURIES AFTER INGESTION

Risk of aspiration pneumonia
Risk of lung oedema

12. ECOLOGICAL PROPERTIES

MOBILITY

ECOLOGY - GENERAL

Contains environmentally dangerous component(s)

ECOLOGY - WATER

Harmful to aquatic organisms
May cause long-term adverse effects in the aquatic environment
Water pollutant (surface water)
Ground water pollutant
Contains non readily biodegradable component(s)

PERSISTENCE AND DEGRADABILITY

WGK

1

13. DISPOSAL CONSIDERATIONS

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DISPOSAL CONSIDERATIONS

Do not discharge into drains or the environment

Remove to an authorized waste treatment plant

14. TRANSPORT INFORMATION

UN number 1993

UN 1993 FLAMMABLE LIQUID, N.O.S. (pentane, hexane, mixture of isomers (containing < 5 % n-hexane (203-777-6))), 3, II

ROAD (ADR)

ADR CLASS 3

ADR CLASSIFICATION CODE F1

ADR SYMBOL



3 black -
Flammable liquids

ADR-PACKING GROUP II

DANGER CODE 33

RAIL (RID)

RID CLASS 3

RID PACKAGE GROUP

II

SEA (IMDG)

IMDG CLASS 3

EMS NUMBER

F-E, S-E

MARINE POLLUTANT /

IMDG PACKAGE GROUP

II

AIR (IATA/ICAO)

ICAO CLASS 3

ICAO PACKAGE GROUP II

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
hexane, mixture of isomers (containing < 5 % n-hexane (203-777-6))	73513-42-5
pentane	109-66-0

SYMBOL



F - highly
flammable



Xn -
harmful



N -
dangerous
for the
environment

R-PHRASES

R11 - Highly flammable

R36/38 - Irritating to eyes and skin

R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

R65 - Harmful: may cause lung damage if swallowed

R67 - Vapours may cause drowsiness and dizziness

S-PHRASES

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

S25 - Avoid contact with eyes

S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

S51 - Use only in well ventilated area

S62 - If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

S2 - Keep out of reach of children

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S46 - If swallowed, seek medical advice immediately and show this container or label

S13 - Keep away from food, drink and animal feeding stuffs

S56 - Dispose of this material and its container to hazardous or special waste collection point

S64 - If swallowed, rinse mouth with water (only if the person is conscious)

S29/35 - "Do not empty into drains; dispose of this material and its container in a safe way."

ADDITIONAL RISK PHRASES

99.3 - Contains isomeric mixture; 2,2'-[[[4or5-methyl-1H-benzotriazol-1-yl)-methyl]imino]bisethanol. May produce an allergic reaction

NAME OF THE COMPONENTS 648/2004

CHEMICAL NAME	PERFUME/AROMA	ALLERGENIC	FUNCTION
Formaldehyde			preservatives

16. OTHER INFORMATION

R-PHRASES

R098 - -

R10 - Flammable

R11 - Highly flammable

R12 - Extremely flammable

R20 - Harmful by inhalation

R20/21 - Harmful by inhalation and in contact with skin

R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed

R22 - Harmful if swallowed

R23/24/25 - Toxic by inhalation, in contact with skin and if swallowed

R24/25 - Toxic in contact with skin and if swallowed

R26 - Very toxic by inhalation

R34 - Causes burns

R36 - Irritating to eyes

R36/37/38 - Irritating to eyes, respiratory system and skin

R36/38 - Irritating to eyes and skin

R37 - Irritating to respiratory system

R38 - Irritating to skin

R40 - Limited evidence of a carcinogenic effect

R41 - Risk of serious damage to eyes

R43 - May cause sensitisation by skin contact

R48/22 - Harmful: danger of serious damage to health by prolonged exposure if swallowed

R50 - Very toxic to aquatic organisms

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

R52/53 - 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.

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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.
