



Thinner 41

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Date of issue: 30/10/2013

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Supersedes: 07/05/2008

Version: 3.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture
Trade name : Thinner 41
Product group : Thinner

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Main use category : Professional use
Use of the substance/mixture : Thinner

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

ZINGAMETALL B.V.B.A.
Rozenstraat 4, Industriepark 9810 Eke België
Tel. : +32 (0)9 385 68 81
Fax. : +32 (0)9 385 58 69
E-mail : zingametall@zinga.be

1.4. Emergency telephone number

Emergency number : +32(0)70/245.245 (B)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Flam. Liq. 3 H226
Skin Irrit. 2 H315
Eye Irrit. 2 H319
STOT SE 3 H336
STOT SE 3 H335
STOT RE 2 H373
Asp. Tox. 1 H304
Aquatic Chronic 3 H412

Full text of H-phrases: see section 16

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



Signal word (CLP) : Danger
Hazardous ingredients : Xylene, N-BUTYL ACETATE, ETHYLBENZENE

Hazard statements (CLP) : H226 - Flammable liquid and vapour
H304 - May be fatal if swallowed and enters airways
H315 - Causes skin irritation
H319 - Causes serious eye irritation
H335 - May cause respiratory irritation
H336 - May cause drowsiness or dizziness
H373 - May cause damage to organs through prolonged or repeated exposure
H412 - Harmful to aquatic life with long lasting effects

Precautionary statements (CLP) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
P233 - Keep container tightly closed

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P240 - Ground/bond container and receiving equipment
P241 - Use explosion-proof electrical/ventilating/lighting/... equipment
P260 - Do not breathe dust/fume/gas/mist/vapours/spray
P264 - Wash ... thoroughly after handling

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
2-METHOXY-1-METHYLETHYL ACETATE substance with a Community workplace exposure limit	(CAS No) 108-65-6 (EC no) 203-603-9 (EC index no) 607-195-00-7 (REACH-no) 01-2119475791-29	30 - 50	Flam. Liq. 3, H226
Xylene	(CAS No) 1330-20-7 (EC no) 215-535-7 (EC index no) 601-022-00-9 (REACH-no) 01-2119488216-32	30 - 50	Flam. Liq. 3, H226 Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Dermal), H312 Skin Irrit. 2, H315
N-BUTYL ACETATE	(CAS No) 123-86-4 (EC no) 204-658-1 (EC index no) 607-025-00-1 (REACH-no) 01-2119485493-29	30 - 50	Flam. Liq. 3, H226 STOT SE 3, H336
ETHYLBENZENE	(CAS No) 100-41-4 (EC index no) 601-023-00-4 (REACH-no) 01-2119489370-35	5 - 10	Flam. Liq. 2, H225 Acute Tox. 4 (Inhalation:vapour), H332

Full text of H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: If you feel unwell, seek medical advice (show the label where possible). Never give anything by mouth to an unconscious person.
First-aid measures after inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If you feel unwell, seek medical advice.
First-aid measures after skin contact	: Use fatty cream. Remove/Take off immediately all contaminated clothing. Wash with plenty of soap and water. Get medical advice/attention.
First-aid measures after eye contact	: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.
First-aid measures after ingestion	: Drink plenty of water. Rinse mouth. Do NOT induce vomiting. Get medical advice/attention.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries	: Not expected to present a significant hazard under anticipated conditions of normal use.
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4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Water spray. Carbon dioxide. Dry powder.
Unsuitable extinguishing media	: Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire	: Carbon dioxide. Carbon monoxide.
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5.3. Advice for firefighters

Firefighting instructions	: Wear a breathing apparatus in case of fire. Use water spray or fog for cooling exposed containers.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.
Other information	: Standard procedure for chemical fires. Combustion residues and contaminated firefighting water must be disposed of in accordance with local regulations. Use water spray to cool unopened containers.

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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

Protective equipment : The spill should be cleaned up by a trained cleaning personnel, wearing respiratory and eye protection.

Emergency procedures : Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, Earth, diatomaceous earth, vermiculite) and transfer in container for disposal according to local/national regulations. Contain spillage with non-combustible absorbent material and transfer in container for disposal according to local/national regulations.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Vapors are heavier than air and may spread over the floor. Vapours may form explosive mixtures with air. Prevent the formation of flammable or explosive concentrations of vapour in air and avoid higher exposure concentrations than are allowed? Keep away from sources of ignition-no smoking.

Precautions for safe handling : Avoid unnecessary exposure. Immediately remove product. No naked lights. No smoking.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep only in the original container in a well-ventilated place. When not in use, keep the container closed. Keep in fireproof place.

Incompatible materials : Heat sources. Direct sunlight.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

2-METHOXY-1-METHYLETHYL ACETATE (108-65-6)		
EU	IOELV TWA (mg/m ³)	275 mg/m ³
EU	IOELV TWA (ppm)	50 ppm
EU	IOELV STEL (mg/m ³)	550 mg/m ³
EU	IOELV STEL (ppm)	100 ppm
EU	Notes	Skin
Xylene (1330-20-7)		
EU	IOELV TWA (mg/m ³)	221 mg/m ³
EU	IOELV TWA (ppm)	50 ppm
EU	IOELV STEL (mg/m ³)	442 mg/m ³
EU	IOELV STEL (ppm)	100 ppm
EU	Notes	Skin
ETHYLBENZENE (100-41-4)		
EU	IOELV TWA (mg/m ³)	442 mg/m ³
EU	IOELV TWA (ppm)	100 ppm
EU	IOELV STEL (mg/m ³)	884 mg/m ³
EU	IOELV STEL (ppm)	200 ppm
EU	Notes	Skin

8.2. Exposure controls

Personal protective equipment : Protective clothing. Safety glasses. Gloves. Insufficient ventilation: wear respiratory protection.

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Hand protection	: Wear protective gloves. Contact your supplier to choose the most suitable protective gloves.
Eye protection	: Safety glasses
Skin and body protection	: Protective gloves against chemicals should include in their implementation depending on the quantity of the dangerous and concentrate specially for the workplace chosen. It is recommended the chemical resistance of the above protection gloves for special use with the glove manufacturer information. DIN-DIN/EN-normen DIN EN 420 and 374 Suited material NBR (nitrile rubber). PVA (polyvinyl alcohol). PVC (Polyvinyl chloride)
Respiratory protection	: Wear protective mask. In the event of insufficient ventilation : use a self-contained breathing apparatus. Wear appropriate mask



Environmental exposure controls	: Try to avoid the material runs off in drains or watercourse. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers, lakes or drains inform the respective authorities.
Other information	: Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Colourless.
Odour	: characteristic.
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: -30 °C
Freezing point	: No data available
Boiling point	: 125 - 150 °C
Flash point	: 25 °C
Self ignition temperature	: 315 °C
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: 0,9 kPa @ 20°C
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 0,9 - 0,91 @ 20°C
Solubility	: No data available
Log Pow	: No data available
Viscosity, kinematic	: > 7 mm²/s
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: 1,2 - 7,2 vol %

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Stable under recommended handling and storage conditions (see section 7). In use may form flammable/explosive vapour-air mixture.

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

Open flame. Overheating. Direct sunlight.

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10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Carbon monoxide. Carbon dioxide. May release flammable gases.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

2-METHOXY-1-METHYLETHYL ACETATE (108-65-6)

LD50 oral rat	> 5000 mg/kg
LD50 dermal rat	> 5000 mg/kg
LC50 inhalation rat (mg/l)	> 23,8 mg/l 6u

Xylene (1330-20-7)

LD50 oral rat	> 2000 mg/kg
LD50 dermal rat	> 2000 mg/kg
LC50 inhalation rat (mg/l)	> 20 mg/l/4h

N-BUTYL ACETATE (123-86-4)

LD50 oral rat	14 g/kg
LD50 oral	7,4 g/kg
LC50 inhalation rat (mg/l)	> 2000 mg/kg

ETHYLBENZENE (100-41-4)

LD50 oral rat	3500 mg/kg
LD50 dermal rabbit	5000 mg/kg
LC50 inhalation rat (mg/l)	17,2 mg/l/4h

Skin corrosion/irritation	: Causes skin irritation. Repeated exposure may cause skin dryness or cracking
Serious eye damage/irritation	: Causes serious eye irritation. Fluid splashed in the eyes may cause irritation and irreparable damage.
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: May cause drowsiness or dizziness. May cause respiratory irritation.
Specific target organ toxicity (repeated exposure)	: May cause damage to organs through prolonged or repeated exposure .
Aspiration hazard	: May be fatal if swallowed and enters airways.

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Viscosity, kinematic	> 7 mm²/s
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SECTION 12: Ecological information

12.1. Toxicity

2-METHOXY-1-METHYLETHYL ACETATE (108-65-6)

LC50 fishes 1	> 100 mg/l 96u
EC50 Daphnia 1	> 500 mg/l 48u
ErC50 (algae)	> 1000 mg/l 72u

Xylene (1330-20-7)

LC50 fishes 1	13,5 mg/l 96u
EC50 Daphnia 1	3,82 mg/l 48u

N-BUTYL ACETATE (123-86-4)

EC50 Daphnia 1	44 mg/l 48u
EC50 other aquatic organisms 1	647,7 mg/l 72u

ETHYLBENZENE (100-41-4)

LC50 fishes 1	4,2 mg/l 96u
EC50 Daphnia 1	1,8 mg/l 48u
EC50 other aquatic organisms 1	12 mg/l
ErC50 (algae)	4,6 mg/l 72u

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12.2. Persistence and degradability

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Persistence and degradability	Not established.
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N-BUTYL ACETATE (123-86-4)

Biodegradation	83 % 28d
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12.3. Bioaccumulative potential

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Bioaccumulative potential	Not established.
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Xylene (1330-20-7)

Log Pow	3,15
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ETHYLBENZENE (100-41-4)

Log Pow	3,118
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12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

Additional information : Avoid release to the environment

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations	: Dispose of contents/container to a special collecting point in accordance with local legislation.
Ecology - waste materials	: Avoid release to the environment.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN number

UN-No. (ADR)	: 1263
UN-No. (IMDG)	: 1263
UN-No.(IATA)	: 1263
UN-No.(ADN)	: Not applicable
UN-No. (RID)	: 1263

14.2. UN proper shipping name

Proper Shipping Name (ADR)	: PAINT RELATED MATERIAL
Proper Shipping Name (IMDG)	: Not applicable
Proper Shipping Name (IATA)	: Not applicable
Proper Shipping Name (ADN)	: Not applicable
Proper Shipping Name (RID)	: Not applicable
Transport document description (ADR)	: UN 1263 PAINT RELATED MATERIAL, 3, III, (D/E)
Transport document description (IMDG)	: UN 1263, 3, III

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR)	: 3
Danger labels (ADR)	: 3



IMDG

Transport hazard class(es) (IMDG)	: 3
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IATA

Transport hazard class(es) (IATA)	: 3
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ADN

Transport hazard class(es) (ADN) : Not applicable

RID

Transport hazard class(es) (RID) : 3

Danger labels (RID) : 3



14.4. Packing group

Packing group (ADR) : III

Packing group (IMDG) : III

Packing group (IATA) : Not applicable

Packing group (ADN) : Not applicable

Packing group (RID) : Not applicable

14.5. Environmental hazards

Dangerous for the environment : No

Marine pollutant : No

Other information : No supplementary information available

14.6. Special precautions for user

- Overland transport

Classification code (ADR) : F1

Special provision (ADR) : 163, 640E, 650

Limited quantities (ADR) : 5L

Excepted quantities (ADR) : E1

Vehicle for tank carriage : FL

Transport category (ADR) : 3

Hazard identification number (Kemler No.) : 30

Orange plates :



Tunnel restriction code (ADR) : D/E

- Transport by sea

No data available

- Air transport

No data available

- Inland waterway transport

Not subjected to ADN : No

- Rail transport

Carriage prohibited (RID) : No

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

Contains no substances with Annex XVII restrictions

Contains no REACH candidate substance

Contains no REACH Annex XIV substances.

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15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Other information : None.

Full text of H- and EUH-phrases:

Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Inhalation:vapour)	Acute toxicity (inhalation:vapour) Category 4
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT RE 2	Specific target organ toxicity — Repeated exposure, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H225	Highly flammable liquid and vapour
H226	Flammable liquid and vapour
H304	May be fatal if swallowed and enters airways
H312	Harmful in contact with skin
H315	Causes skin irritation
H319	Causes serious eye irritation
H332	Harmful if inhaled
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
H373	May cause damage to organs through prolonged or repeated exposure
H412	Harmful to aquatic life with long lasting effects

SDS EU (REACH Annex II)

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