



COMERCIAL QUÍMICA MASSÓ, S.A.
ODŠTĚPNÝ ZÁVOD
Předvoje 449/32
162 00 Praha 6 - CZECH REPUBLIC
Tel.: +420 241 481 798
Mail: masso@cqm.cz

TRS 4004

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment
Regulation (EU) 2020/878
Issue date: 07/01/2021 Revision date: 07/01/2021 Supersedes version of:
14/07/2020 Version: 3.0

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

1.1. Product identifier

Product form : Mixture
Product name : TRS 4004
UFI : 5AV1-KVFA-200J-MN83
Product code : 302900_302905_302910

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, Industrial use
Industrial/Professional use spec : Industrial
For professional use only
Use of the substance/mixture : adhesives
Function or use category : Adhesives, binding agents

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Comercial Química Massó, S.A.-odštěpný závod
Předvoje 449/32
162 00 Praha 6 - CZECH REPUBLIC
T +420 241 481 798
msds.support@cqmasso.com

1.4. Emergency telephone number

Emergency number : 704 100 087 (España)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Flammable liquids Category 2	H225
Skin corrosion/irritation Category 2	H315
Serious eye damage/eye irritation, Category 2	H319
Skin sensitization, Category 1	H317
Specific target organ toxicity — Single exposure, Category 3, Narcosis	H336
Hazardous to the aquatic environment - Chronic Hazard Category 2	H411
Full text of H statements : see section 16	

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

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

Hazard pictograms (CLP) :



GHS02

GHS07

GHS09

Signal word (CLP) :

Danger

Contains :

ethyl acetate; Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics; rosin; colophony



COMERCIAL QUÍMICA MASSÓ, S.A.
ODŠTĚPNÝ ZÁVOD
Předvoje 449/32
162 00 Praha 6 - CZECH REPUBLIC
Tel.: +420 241 481 798
Mail: masso@cqcm.cz

TRS 4004

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment
Regulation (EU) 2020/878
Issue date: 07/01/2021 Revision date: 07/01/2021 Supersedes version
of: 14/07/2020 Version: 3.0

Hazard statements (CLP)	: H225 - Highly flammable liquid and vapor. H315 - Causes skin irritation. H317 - May cause an allergic skin reaction. H319 - Causes serious eye irritation. H336 - May cause drowsiness or dizziness.
Precautionary statements (CLP)	: H411 - Toxic to aquatic life with long lasting effects. P271 - Use only outdoors or in a well-ventilated area. P241 - Use explosion-proof electrical/ventilating/lighting equipment. P272 - Contaminated work clothing should not be allowed out of the workplace. P273 - Avoid release to the environment. P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P264 - Wash hands, forearms and face thoroughly after handling. P233 - Keep container tightly closed. P240 - Ground and bond container and receiving equipment. P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.

2.3. Other hazards

No additional information available

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
ethyl acetate substance with national workplace exposure limit(s) (DE, ES, FR, GB, PT); substance with a Community workplace exposure limit	(CAS-No.) 141-78-6 (EC-No.) 205-500-4 (EC Index-No.) 607-022-00-5 (REACH-no) 01-2119475103-46	20 – 45	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics	(CAS-No.) 64742-49-0 (EC-No.) 927-510-4	20 – 45	Flam. Liq. 2, H225 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
zinc oxide substance with national workplace exposure limit(s) (ES, FR, PT)	(CAS-No.) 1314-13-2 (EC-No.) 215-222-5 (EC Index-No.) 030-013-00-7 (REACH-no) 01-2119463881-32	10 – 20	Aquatic Acute 1, H400 Aquatic Chronic 1, H410
SILICA substance with national workplace exposure limit(s) (AT, BE, DE, GB)	(CAS-No.) 7631-86-9 (EC-No.) 231-545-4 (REACH-no) 01-2119379499-16	5 – 10	Not classified
rosin; colophony substance with national workplace exposure limit(s) (GB)	(CAS-No.) 8050-09-7 (EC-No.) 232-475-7 (EC Index-No.) 650-015-00-7 (REACH-no) 01-2119480418-32	1 – 3	Skin Sens. 1, H317
Magnesium oxide substance with national workplace exposure limit(s) (ES, FR, GB, PT)	(CAS-No.) 1309-48-4 (EC-No.) 215-171-9	1 – 3	Not classified



COMERCIAL QUÍMICA MASSÓ, S.A.
ODŠTĚPNÝ ZÁVOD
Předvoje 449/32
162 00 Praha 6 - CZECH REPUBLIC
Tel.: +420 241 481 798
Mail: masso@cqm.cz

TRS 4004

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment
Regulation (EU) 2020/878
Issue date: 07/01/2021 Revision date: 07/01/2021 Supersedes version
of: 14/07/2020 Version: 3.0

Butylated hydroxytoluene substance with national workplace exposure limit(s) (DE, ES, FR, GB, PT)	(CAS-No.) 128-37-0 (EC-No.) 204-881-4 (REACH-no) 01-2119565113-46	1 – 3	Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Hydrocarbons, C6, isoalkanes, <5% n-hexane	(CAS-No.) 64742-49-0 (EC-No.) 931-254-9 (REACH-no) 01-2119484651-34	1 – 3	Flam. Liq. 2, H225 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Talc substance with national workplace exposure limit(s) (ES, GB)	(CAS-No.) 14807-96-6 (EC-No.) 238-877-9	< 0,2	Not classified
Toluene substance with national workplace exposure limit(s) (DE, ES, FR, GB, IT, PT); substance with a Community workplace exposure limit	(CAS-No.) 108-88-3 (EC-No.) 203-625-9 (EC Index-No.) 601-021-00-3 (REACH-no) 01-2119471310-51	< 0,1	Flam. Liq. 2, H225 Repr. 2, H361d Asp. Tox. 1, H304 STOT RE 2, H373 Skin Irrit. 2, H315 STOT SE 3, H336

Full text of H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell. Allow affected person to breathe fresh air. Allow the victim to rest.
First-aid measures after skin contact	: Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Specific treatment (see supplemental first aid instruction on this label). Wash contaminated clothing before reuse. Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

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

Symptoms/effects	: Not expected to present a significant hazard under anticipated conditions of normal use.
Symptoms/effects after inhalation	: May cause an allergic skin reaction. May cause drowsiness or dizziness.
Symptoms/effects after eye contact	: Causes serious eye irritation.

4.3. Indication of any immediate medical attention and special treatment needed

Symptomatic and supportive treatment.

SECTION 5: Firefighting measures

5.1. Extinguishing media

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



COMERCIAL QUÍMICA MASSÓ, S.A.
ODŠTĚPNÝ ZÁVOD
Předvoje 449/32
162 00 Praha 6 - CZECH REPUBLIC
Tel.: +420 241 481 798
Mail: masso@cqm.cz

TRS 4004

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment
Regulation (EU) 2020/878
Issue date: 07/01/2021 Revision date: 07/01/2021 Supersedes version
of: 14/07/2020 Version: 3.0

5.2. Special hazards arising from the substance or mixture

- Fire hazard : Highly flammable liquid and vapor.
Explosion hazard : May form flammable/explosive vapor-air mixture.

5.3. Advice for firefighters

- Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Remove ignition sources. Use special care to avoid static electric charges. No open flames. No smoking.
6.1.1. For non-emergency personnel
Emergency procedures : Evacuate unnecessary personnel.
6.1.2. For emergency responders
Protective equipment : Avoid breathing dust/fume/gas/mist/vapors/spray. Equip cleanup crew with proper protection.
Emergency procedures : Ventilate area.

6.2. Environmental precautions

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

6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Additional hazards when processed : Handle empty containers with care because residual vapors are flammable.
Precautions for safe handling : No open flames. No smoking. Use only non-sparking tools. Use only outdoors or in a well-ventilated area. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor.
Hygiene measures : Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment.
Storage conditions : Keep in fireproof place. Keep container tightly closed. Keep only in the original container in a cool, well ventilated place away from : Keep container closed when not in use.
Incompatible products : Strong bases. Strong acids.
Incompatible materials : Heat sources. Sources of ignition. Direct sunlight.
Storage temperature : 10 – 25 °C



COMERCIAL QUÍMICA MASSÓ, S.A.
ODŠTĚPNÝ ZÁVOD
Předvoje 449/32
162 00 Praha 6 - CZECH REPUBLIC
Tel.: + 420 241 481 798
Mail: masso@cqm.cz

TRS 4004

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment
Regulation (EU) 2020/878
Issue date: 07/01/2021 Revision date: 07/01/2021 Supersedes version
of: 14/07/2020 Version: 3.0

7.3. Specific end use(s)

See Heading 1.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

ethyl acetate (141-78-6)

EU - Indicative Occupational Exposure Limit (IOEL)	
Local name	Ethyl acetate
IOEL TWA	734 mg/m ³
IOEL TWA [ppm]	200 ppm
IOEL STEL	1468 mg/m ³
IOEL STEL [ppm]	400 ppm
Regulatory reference	COMMISSION DIRECTIVE (EU) 2017/164
France - Occupational Exposure Limits	
Local name	Acétate d'éthyle
VME (OEL TWA)	1400 mg/m ³
VME (OEL TWA) [ppm]	400 ppm
VLE (OEL C/STEL)	1468 mg/m ³
VLE (OEL C/STEL) [ppm]	400 ppm
Note (FR)	Valeurs réglementaires contraignantes. Les valeurs entrent en vigueur le 1er juillet 2020.
Regulatory reference	Article R4412-149 du Code du travail (réf.: INRS ED 984, 2016; Décret n° 2019-1487)
Germany - Occupational Exposure Limits (TRGS 900)	
Local name	Ethylacetat
AGW (OEL TWA) [1]	1500 mg/m ³
AGW (OEL TWA) [2]	400 ppm
Peak exposure limitation factor	2(l)
Remark	DFG,Y
Regulatory reference	TRGS900
Portugal - Occupational Exposure Limits	
Local name	Acetato de etilo
OEL TWA [ppm]	400 ppm
Regulatory reference	Norma Portuguesa NP 1796:2014
Spain - Occupational Exposure Limits	
Local name	Acetato de etilo
VLA-ED (OEL TWA) [1]	1460 mg/m ³
VLA-ED (OEL TWA) [2]	400 ppm
VLA-EC (OEL STEL)	1468 mg/m ³
VLA-EC (OEL STEL) [ppm]	400 ppm



COMERCIAL QUÍMICA MASSÓ, S.A.
ODŠTĚPNÝ ZÁVOD
Předvoje 449/32
162 00 Praha 6 - CZECH REPUBLIC
Tel.: + 420 241 481 798
Mail: masso@cqm.cz

TRS 4004

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment
Regulation (EU) 2020/878
Issue date: 07/01/2021 Revision date: 07/01/2021 Supersedes version
of: 14/07/2020 Version: 3.0

Notes	VLI (Agente químico para el que la U.E. estableció en su día un valor límite indicativo).
Regulatory reference	Límites de Exposición Profesional para Agentes Químicos en España 2019. INSHT
United Kingdom - Occupational Exposure Limits	
Local name	Ethyl acetate
WEL TWA (OEL TWA) [1]	734 mg/m ³
WEL TWA (OEL TWA) [2]	200 ppm
WEL STEL (OEL STEL)	1468 mg/m ³
WEL STEL (OEL STEL) [ppm]	400 ppm
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE
Switzerland - Occupational Exposure Limits	
Local name	Acétate d'éthyle
MAK (OEL TWA) [1]	1400 mg/m ³
MAK (OEL TWA) [2]	400 ppm
KZGW (OEL STEL)	2800 mg/m ³
KZGW (OEL STEL) [ppm]	800 ppm
Critical toxicity	VRS, Yeux / OAW, Auge
Notation	SS _C / SS _C
Remark	4x15
Regulatory reference	www.suva.ch , 01.01.2020

Talc (14807-96-6)

Spain - Occupational Exposure Limits	
Local name	Talco
VLA-ED (OEL TWA) [1]	2 mg/m ³ (sin fibras de amianto) Fracción respirable
Notes	d (Véase UNE EN 481: Atmósferas en los puestos de trabajo. Definición de las fracciones por el tamaño de las partículas para la medición de aerosoles.), e (Este valor es para la materia particulada que no contenga amianto y menos de un 1% de sílice cristalina.)
United Kingdom - Occupational Exposure Limits	
Local name	Talc
WEL TWA (OEL TWA) [1]	1 mg/m ³ respirable dust
Switzerland - Occupational Exposure Limits	
Local name	Talc
MAK (OEL TWA) [1]	2 mg/m ³

rosin; colophony (8050-09-7)

Spain - Occupational Exposure Limits	
Local name	Resina núcleo de soldadura (Colofonia)
Notes	m (Los productos de descomposición térmica en el ambiente de la resina núcleo de soldadura, colo-fonia, tienen un marcado carácter sensibilizante, lo que aconseja reducir la exposición laboral a los mismos lo máximo posible.), Sen (Sensibilizante. Véase Apartado 6.)



COMERCIAL QUÍMICA MASSÓ, S.A.
ODŠTĚPNÝ ZÁVOD
Předvoje 449/32
162 00 Praha 6 - CZECH REPUBLIC
Tel.: + 420 241 481 798
Mail: masso@cqm.cz

TRS 4004

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment
Regulation (EU) 2020/878
Issue date: 07/01/2021 Revision date: 07/01/2021 Supersedes version
of: 14/07/2020 Version: 3.0

United Kingdom - Occupational Exposure Limits	
Local name	Rosin-based solder flux fume
WEL TWA (OEL TWA) [1]	0,05 mg/m ³
WEL STEL (OEL STEL)	0,15 mg/m ³
Remark (WEL)	Sen (Capable of causing occupational asthma. See paragraphs 53–56)

Butylated hydroxytoluene (128-37-0)	
France - Occupational Exposure Limits	
Local name	2,6-Di-tert-butyl-p-crésol
VME (OEL TWA)	10 mg/m ³
Germany - Occupational Exposure Limits (TRGS 900)	
Local name	2,6-Di-tert-butyl-p-kresol
AGW (OEL TWA) [1]	10 mg/m ³
Portugal - Occupational Exposure Limits	
Local name	Hidroxitoluenobutilado (2,6-Di-terc-butyl-p-cresol) (BHT)
OEL TWA	2 mg/m ³
Spain - Occupational Exposure Limits	
Local name	2,6-Diterc-butyl-p-cresol
VLA-ED (OEL TWA) [1]	10 mg/m ³
Notes	2014
United Kingdom - Occupational Exposure Limits	
Local name	2,6-Di-tert-butyl-p-cresol
WEL TWA (OEL TWA) [1]	10 mg/m ³
Switzerland - Occupational Exposure Limits	
Local name	2,6-Di-tert-butyl-4-crésol
MAK (OEL TWA) [1]	10 mg/m ³

Toluene (108-88-3)	
EU - Indicative Occupational Exposure Limit (IOEL)	
Local name	Toluene
IOEL TWA	192 mg/m ³
IOEL TWA [ppm]	50 ppm
IOEL STEL	384 mg/m ³
IOEL STEL [ppm]	100 ppm
Notes	Skin
Regulatory reference	COMMISSION DIRECTIVE 2006/15/EC
France - Occupational Exposure Limits	
Local name	Toluène
VME (OEL TWA)	76,8 mg/m ³
VME (OEL TWA) [ppm]	20 ppm



COMERCIAL QUÍMICA MASSÓ, S.A.
ODŠTĚPNÝ ZÁVOD
Předvoje 449/32
162 00 Praha 6 - CZECH REPUBLIC
Tel.: + 420 241 481 798
Mail: masso@cqm.cz

TRS 4004

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment
Regulation (EU) 2020/878
Issue date: 07/01/2021 Revision date: 07/01/2021 Supersedes version
of: 14/07/2020 Version: 3.0

VLE (OEL C/STEL)	384 mg/m ³
VLE (OEL C/STEL) [ppm]	100 ppm
Note (FR)	Valeurs réglementaires contraignantes; risque de pénétration percutanée
Regulatory reference	Article R4412-149 du Code du travail (réf.: INRS ED 984, 2016; Décret n° 2019-1487)
Germany - Occupational Exposure Limits (TRGS 900)	
Local name	Toluol
AGW (OEL TWA) [1]	190 mg/m ³
AGW (OEL TWA) [2]	50 ppm
Peak exposure limitation factor	4(II)
Remark	DFG;EU;H;Y
Regulatory reference	TRGS900
Germany - Biological limit values (TRGS 903)	
Local name	Toluol
BLV	600 µg/l Parameter: Toluol - Untersuchungsmaterial: B = Vollblut - Probenahmezeitpunkt: g) unmittelbar nach Exposition - Festlegung/Begründung: 11/2017 DFG 75 µg/l Parameter: Toluol - Untersuchungsmaterial: U = Urin - Probenahmezeitpunkt: b) Expositionsende, bzw. Schichtende - Festlegung/Begründung: 11/2018 DFG 1,5 mg/l Parameter: o-Kresol (nach Hydrolyse) - Untersuchungsmaterial: U = Urin - Probenahmezeitpunkt: b) Expositionsende, bzw. Schichtende, c) bei Langzeitexposition: am Schichtende nach mehreren vorangegangenen Schichten - Festlegung/Begründung: 11/2018 DFG
Regulatory reference	TRGS 903
Italy - Occupational Exposure Limits	
Local name	Toluene
OEL TWA	192 mg/m ³
OEL TWA [ppm]	50 ppm
Notes	pelle
Regulatory reference	Allegato XXXVIII del D.Lgs. 9 aprile 2008, n. 81 e s.m.i.
Portugal - Occupational Exposure Limits	
Local name	Tolueno
OEL TWA [ppm]	20 ppm
Regulatory reference	Norma Portuguesa NP 1796:2014
Portugal - Biological limit values	
Local name	Tolueno
BEI (BLV)	0,02 mg/l Parâmetro: Tolueno - Meio: sangue - Momento da amostragem: Antes do último turno da semana de trabalho 0,03 mg/l Parâmetro: Tolueno - Meio: urina - Momento da amostragem: Fim do turno 0,3 mg/g Kreatinin Parâmetro: o-Cresol - Meio: urina - Momento da amostragem: Fim do turno - Notação: Vb (Valor basal), Com hidrólise
Regulatory reference	Norma Portuguesa NP 1796:2014
Spain - Occupational Exposure Limits	
Local name	Tolueno
VLA-ED (OEL TWA) [1]	192 mg/m ³



COMERCIAL QUÍMICA MASSÓ, S.A.
ODŠTĚPNÝ ZÁVOD
Předvoje 449/32
162 00 Praha 6 - CZECH REPUBLIC
Tel.: +420 241 481 798
Mail: masso@cqm.cz

TRS 4004

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment
Regulation (EU) 2020/878
Issue date: 07/01/2021 Revision date: 07/01/2021 Supersedes version
of: 14/07/2020 Version: 3.0

VLA-ED (OEL TWA) [2]	50 ppm
VLA-EC (OEL STEL)	384 mg/m ³
VLA-EC (OEL STEL) [ppm]	100 ppm
Notes	Vía dérmica (Indica que, en las exposiciones a esta sustancia, la aportación por la vía cutánea puede resultar significativa para el contenido corporal total si no se adoptan medidas para prevenir la absorción. En estas situaciones, es aconsejable la utilización del control biológico para poder cuantificar la cantidad global absorbida del contaminante), VLB® (Agente químico que tiene Valor Límite Biológico), VLI (Agente químico para el que la U.E. estableció en su día un valor límite indicativo), r (Esta sustancia tiene establecidas restricciones a la fabricación, la comercialización o el uso en los términos especificados en el "Reglamento (CE) nº 1907/2006 sobre Registro, Evaluación, Autorización y Restricción de sustancias y preparados químicos" (REACH) de 18 de diciembre de 2006 (DOUE L 369 de 30 de diciembre de 2006). Las restricciones de una sustancia pueden aplicarse a todos los usos o sólo a usos concretos. El anexo XVII del Reglamento REACH contiene la lista de todas las sustancias restringidas y especifica los usos que se han restringido).
Regulatory reference	Límites de Exposición Profesional para Agentes Químicos en España 2019. INSHT
Spain - Biological limit values	
Local name	Tolueno
BLV	0,6 mg/l Parámetro: o-Cresol - Medio: Orina - Momento de muestreo: Final de la jornada laboral - Notas: F (Fondo. El indicador está generalmente presente en cantidades detectables en personas no expuestas laboralmente. Estos niveles de fondo están considerados en el valor VLB) 0,05 mg/l Parámetro: Tolueno - Medio: Sangre - Momento de muestreo: Principio de la última jornada de la semana laboral 0,08 mg/l Parámetro: Tolueno - Medio: orina - Momento de muestreo: Final de la jornada laboral
Regulatory reference	Límites de Exposición Profesional para Agentes Químicos en España 2019. INSHT
United Kingdom - Occupational Exposure Limits	
Local name	Toluene
WEL TWA (OEL TWA) [1]	191 mg/m ³
WEL TWA (OEL TWA) [2]	50 ppm
WEL STEL (OEL STEL)	384 mg/m ³
WEL STEL (OEL STEL) [ppm]	100 ppm
Remark (WEL)	Sk (Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity)
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE
Switzerland - Occupational Exposure Limits	
Local name	Toluène / Toluol
MAK (OEL TWA) [1]	190 mg/m ³
MAK (OEL TWA) [2]	50 ppm
KZGW (OEL STEL)	760 mg/m ³
KZGW (OEL STEL) [ppm]	200 ppm
Critical toxicity	Vue, SNC / Sehen, ZNS
Notation	R, R _{2D} , R _{2F} , SS _C , O ^B , B / H, R _{2D} , R _{2F} , SS _C , O ^L , B
Remark	INRS, HSE, NIOSH, DFG



COMERCIAL QUÍMICA MASSÓ, S.A.
ODŠTĚPNÝ ZÁVOD
Předvoje 449/32
162 00 Praha 6 - CZECH REPUBLIC
Tel.: + 420 241 481 798
Mail: masso@cqm.cz

TRS 4004

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment
Regulation (EU) 2020/878
Issue date: 07/01/2021 Revision date: 07/01/2021 Supersedes version
of: 14/07/2020 Version: 3.0

Regulatory reference	www.suva.ch, 01.01.2020
----------------------	-------------------------

Magnesium oxide (1309-48-4)

France - Occupational Exposure Limits

Local name	Magnésium (oxyde de),fumées
VME (OEL TWA)	10 mg/m ³
Note (FR)	Valeurs recommandées/admises
Regulatory reference	Circulaire du Ministère du travail (réf.: INRS ED 984, 2016)

Portugal - Occupational Exposure Limits

Local name	Óxido de magnésio
OEL TWA	10 mg/m ³
Regulatory reference	Norma Portuguesa NP 1796:2014

Spain - Occupational Exposure Limits

Local name	Óxido de Magnesio
VLA-ED (OEL TWA) [1]	10 mg/m ³ (humos y polvo)
Regulatory reference	Límites de Exposición Profesional para Agentes Químicos en España 2019. INSHT

United Kingdom - Occupational Exposure Limits

Local name	Magnesium oxide
WEL TWA (OEL TWA) [1]	4 mg/m ³ (as Mg) fume and respirable dust 10 mg/m ³ (as Mg) inhalable dust
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

zinc oxide (1314-13-2)

France - Occupational Exposure Limits

Local name	Zinc (oxyde de)
VME (OEL TWA)	5 mg/m ³ (fumées) 10 mg/m ³ (poussières)
Note (FR)	Valeurs recommandées/admises
Regulatory reference	Circulaire du Ministère du travail (réf.: INRS ED 984, 2016)

Portugal - Occupational Exposure Limits

Local name	Óxido de zinco
OEL TWA	2 mg/m ³
OEL STEL	10 mg/m ³
Regulatory reference	Norma Portuguesa NP 1796:2014

Spain - Occupational Exposure Limits

Local name	Óxido de cinc
VLA-ED (OEL TWA) [1]	2 mg/m ³ Fracción respirable (2011)
VLA-EC (OEL STEL)	10 mg/m ³ Fracción respirable (2011)
Notes	d (Véase UNE EN 481: Atmósferas en los puestos de trabajo. Definición de las fracciones por el tamaño de las partículas para la medición de aerosoles.)
Regulatory reference	Límites de Exposición Profesional para Agentes Químicos en España 2019. INSHT



COMERCIAL QUÍMICA MASSÓ, S.A.
ODŠTĚPNÝ ZÁVOD
Předvoje 449/32
162 00 Praha 6 - CZECH REPUBLIC
Tel.: + 420 241 481 798
Mail: masso@cqm.cz

TRS 4004

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment
Regulation (EU) 2020/878
Issue date: 07/01/2021 Revision date: 07/01/2021 Supersedes version
of: 14/07/2020 Version: 3.0

Switzerland - Occupational Exposure Limits	
Local name	Oxyde de zinc (fumée)
MAK (OEL TWA) [1]	3 mg/m ³
KZGW (OEL STEL)	3 mg/m ³
Critical toxicity	Fimétal / Metallrauch
Remark	15 min
Regulatory reference	www.suva.ch , 01.01.2020

SILICA (7631-86-9)	
Austria - Occupational Exposure Limits	
MAK (OEL TWA)	2 (8h)
Belgium - Occupational Exposure Limits	
OEL TWA	10 (8 h)
Germany - Occupational Exposure Limits (TRGS 900)	
Local name	Kieselsäuren, amorphe
AGW (OEL TWA) [1]	4 mg/m ³
Remark	DFG;2;Y
Regulatory reference	TRGS900
United Kingdom - Occupational Exposure Limits	
WEL TWA (OEL TWA) [1]	6 mg/m ³ (8 h)
Switzerland - Occupational Exposure Limits	
Local name	Silices amorphes [Dioxyde de silicium non cristallisé] / Kieselsäuren, amorphe [Diatomeenerde, Siliciumdioxid nichtkristallin]
Critical toxicity	Fibpulm / Lungenfibrose
Notation	SS _C / SS _C
Regulatory reference	www.suva.ch , 01.01.2020
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL TWA	80 mg/m ³ (% SiO ₂)(8 h)

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

Butylated hydroxytoluene (128-37-0)	
DNEL/DMEL (Workers)	
Long-term - local effects, dermal	≈ 0,5 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	≈ 3,5 mg/m ³
PNEC (Water)	
PNEC aqua (freshwater)	≈ 0,199 mg/l
PNEC aqua (marine water)	≈ 0,0199 mg/l



COMERCIAL QUÍMICA MASSÓ, S.A.
ODŠTĚPNÝ ZÁVOD
Předvoje 449/32
162 00 Praha 6 - CZECH REPUBLIC
Tel.: +420 241 481 798
Mail: masso@cqm.cz

TRS 4004

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment
Regulation (EU) 2020/878
Issue date: 07/01/2021 Revision date: 07/01/2021 Supersedes version
of: 14/07/2020 Version: 3.0

PNEC (Sediment)	
PNEC sediment (freshwater)	≈ 99,6 mg/kg dwt
PNEC sediment (marine water)	≈ 9,96 mg/kg dwt
PNEC (Soil)	
PNEC soil	≈ 47,69 mg/kg dwt

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

No additional information available

8.2.2. Personal protection equipment

Personal protective equipment:

Avoid all unnecessary exposure.

8.2.2.1. Eye and face protection

Eye protection:

Integral goggles mounting (EN 166). Chemical goggles or safety glasses

8.2.2.2. Skin protection

Hand protection:

The selection of a specific glove for a particular application and duration of use in a workplace should also take into account all relevant workplace factors such as, but not limited to :Other chemical wich may be handled, physical requierements (cut/puncture protection,desterity, thermal protection), as well as the instructions/specifications provided by the gloves supplier. Wear protective gloves.

8.2.2.3. Respiratory protection

Respiratory protection:

Where exposure through inhalation may occur from use, respiratory protection equipment is recommended. Combined filter for organic, inorganic gases, inorganic acids and alkaline / steam type ABEK (according to EN 14387). Wear appropriate mask

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

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
Color	: dark gray.
Odor	: characteristic.
Odor threshold	: Not available
Melting point	: Not available
Freezing point	: Not available
Boiling point	: Not available
Flammability	: Highly flammable liquid and vapor,Non flammable.
Explosion limits	: Not available



COMERCIAL QUÍMICA MASSÓ, S.A.
ODŠTĚPNÝ ZÁVOD
Předvoje 449/32
162 00 Praha 6 - CZECH REPUBLIC
Tel.: +420 241 481 798
Mail: masso@cqm.cz

TRS 4004

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment
Regulation (EU) 2020/878
Issue date: 07/01/2021 Revision date: 07/01/2021 Supersedes version
of: 14/07/2020 Version: 3.0

Lower explosive limit (LEL)	: Not available
Upper explosive limit (UEL)	: Not available
Flash point	: < -18 °C
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
pH	: Not available
Viscosity, kinematic	: ≈ 2947,368 mm ² /s
Viscosity, dynamic	: ≈ 2800 mPa·s
Solubility	: immiscible and insoluble.
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapor pressure	: Not available
Vapor pressure at 50 °C	: Not available
Density	: ≈ 0,95 kg/l
Relative density	: Not available
Relative vapor density at 20 °C	: Not available
Particle size	: Not applicable
Particle size distribution	: Not applicable
Particle shape	: Not applicable
Particle aspect ratio	: Not applicable
Particle aggregation state	: Not applicable
Particle agglomeration state	: Not applicable
Particle specific surface area	: Not applicable
Particle dustiness	: Not applicable

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Highly flammable liquid and vapor. May form flammable/explosive vapor-air mixture. Not established.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Open flame. Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

May release flammable gases. fume. Carbon monoxide. Carbon dioxide.



COMERCIAL QUÍMICA MASSÓ, S.A.
ODŠTĚPNÝ ZÁVOD
Předvoje 449/32
162 00 Praha 6 - CZECH REPUBLIC
Tel.: +420 241 481 798
Mail: masso@cqm.cz

TRS 4004

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment
Regulation (EU) 2020/878
Issue date: 07/01/2021 Revision date: 07/01/2021 Supersedes version
of: 14/07/2020 Version: 3.0

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

ethyl acetate (141-78-6)	
LD50 oral rat	≈ 4934 mg/kg
LD50 dermal rabbit	> 20 ml/kg
LC50 Inhalation - Rat (Vapours)	≈ 22,5 mg/l/4h

Toluene (108-88-3)	
LD50 oral rat	7000 mg/kg

Hydrocarbons, C6, isoalkanes, <5% n-hexane (64742-49-0)	
LD50 oral rat	16750 mg/kg
LD50 dermal rabbit	3350 mg/kg
LC50 Inhalation - Rat	259354 mg/l/4h

SILICA (7631-86-9)	
LD50 oral rat	> 10000 mg/kg
LD50 oral	> 5000 mg/kg body weight
LD50 dermal rabbit	> 5000 mg/kg
LD50 dermal	> 2000 mg/kg body weight
LC50 Inhalation - Rat	0,139 mg/l/4h
LC50 Inhalation - Rat (Dust/Mist)	> 2080 mg/l

Skin corrosion/irritation : Causes skin irritation.
Serious eye damage/irritation : Causes serious eye irritation.
Respiratory or skin sensitization : May cause an allergic skin reaction.
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified

Reproductive toxicity : Not classified

STOT-single exposure : May cause drowsiness or dizziness.

ethyl acetate (141-78-6)	
STOT-single exposure	May cause drowsiness or dizziness.

Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics (64742-49-0)	
STOT-single exposure	May cause drowsiness or dizziness.

Toluene (108-88-3)	
STOT-single exposure	May cause drowsiness or dizziness.



COMERCIAL QUÍMICA MASSÓ, S.A.
ODŠTĚPNÝ ZÁVOD
Předvoje 449/32
162 00 Praha 6 - CZECH REPUBLIC
Tel.: +420 241 481 798
Mail: masso@cqm.cz

TRS 4004

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment
Regulation (EU) 2020/878
Issue date: 07/01/2021 Revision date: 07/01/2021 Supersedes version
of: 14/07/2020 Version: 3.0

Hydrocarbons, C6, isoalkanes, <5% n-hexane (64742-49-0)

STOT-single exposure	May cause drowsiness or dizziness.
----------------------	------------------------------------

STOT-repeated exposure : Not classified

disulfiram, tetraethylthiuramdisulfide (97-77-8)

STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.
------------------------	--

Toluene (108-88-3)

STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.
------------------------	--

Aspiration hazard : Not classified

TRS 4004

Viscosity, kinematic	≈ 2947,368 mm ² /s
----------------------	-------------------------------

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

11.2.2 Other information

Potential Adverse human health effects and symptoms : Based on available data, the classification criteria are not met

SECTION 12: Ecological information

12.1. Toxicity

Ecology - water : Toxic to aquatic life with long lasting effects.
Hazardous to the aquatic environment, short-term (acute) : Not classified
Hazardous to the aquatic environment, long-term (chronic) : Toxic to aquatic life with long lasting effects.

Toluene (108-88-3)

LC50 - Fish [1]	20 mg/l
-----------------	---------

zinc oxide (1314-13-2)

LC50 - Fish [1]	< 1 mg/l
-----------------	----------

ErC50 algae	< 1 mg/l
-------------	----------

Hydrocarbons, C6, isoalkanes, <5% n-hexane (64742-49-0)

LC50 - Fish [1]	18,27 mg/l <i>Oncorhynchus mykiss</i> (Rainbow trout) (96h)
-----------------	---

EC50 - Crustacea [1]	31,9 mg/l
----------------------	-----------

SILICA (7631-86-9)

LC50 - Fish [1]	> 10000 mg/l
-----------------	--------------

EC50 - Other aquatic organisms [1]	> 10000 mg/l waterflea
------------------------------------	------------------------



COMERCIAL QUÍMICA MASSÓ, S.A.
ODŠTĚPNÝ ZÁVOD
Předvoje 449/32
162 00 Praha 6 - CZECH REPUBLIC
Tel.: +420 241 481 798
Mail: masso@cqm.cz

TRS 4004

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment
Regulation (EU) 2020/878
Issue date: 07/01/2021 Revision date: 07/01/2021 Supersedes version
of: 14/07/2020 Version: 3.0

12.2. Persistence and degradability

TRS 4004	
Persistence and degradability	May cause long-term adverse effects in the environment. Not established.

rosin; colophony (8050-09-7)

Persistence and degradability	Not established.
-------------------------------	------------------

SILICA (7631-86-9)

Persistence and degradability	Not established.
-------------------------------	------------------

12.3. Bioaccumulative potential

TRS 4004	
Bioaccumulative potential	Not established.

rosin; colophony (8050-09-7)

Bioaccumulative potential	Not established.
---------------------------	------------------

Toluene (108-88-3)

Partition coefficient n-octanol/water (Log Pow)	2,6 (20°C)
---	------------

SILICA (7631-86-9)

Partition coefficient n-octanol/water (Log Pow)	0,53
Bioaccumulative potential	Not established.

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

Additional information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations : Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. Dispose in a safe manner in accordance with local/national regulations.

Additional information : Handle empty containers with care because residual vapors are flammable.

Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA

14.1. UN number or ID number

UN-No. (ADR) : UN 1133
UN-No. (IMDG) : UN 1133
UN-No. (IATA) : UN 1133

14.2. UN proper shipping name

Proper Shipping Name (ADR) : ADHESIVES
Proper Shipping Name (IMDG) : ADHESIVES (ethyl acetate)
Proper Shipping Name (IATA) : Adhesives (ethyl acetate)

14.3. Transport hazard class(es)

ADR

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



IMDG

Transport hazard class(es) (IMDG) : 3
Hazard labels (IMDG) : 3



IATA

Transport hazard class(es) (IATA) : 3
Hazard labels (IATA) : 3



14.4. Packing group

Packing group (ADR) : III
Packing group (IMDG) : III
Packing group (IATA) : III

14.5. Environmental hazards

Dangerous for the environment : Yes
Marine pollutant : Yes
Other information : No supplementary information available



COMERCIAL QUÍMICA MASSÓ, S.A.
ODŠTĚPNÝ ZÁVOD
Předvoje 449/32
162 00 Praha 6 - CZECH REPUBLIC
Tel.: +420 241 481 798
Mail: masso@cqm.cz

TRS 4004

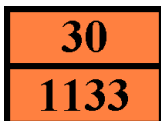
Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment
Regulation (EU) 2020/878
Issue date: 07/01/2021 Revision date: 07/01/2021 Supersedes version
of: 14/07/2020 Version: 3.0

14.6. Special precautions for user

Overland transport

Classification code (ADR)	: F1
Limited quantities (ADR)	: 5I
Excepted quantities (ADR)	: E1
Packing instructions (ADR)	: P001, IBC03, LP01, R001
Special packing provisions (ADR)	: PP1
Mixed packing provisions (ADR)	: MP19
Portable tank and bulk container instructions (ADR)	: T2
Portable tank and bulk container special provisions (ADR)	: TP1
Tank code (ADR)	: LGBF
Vehicle for tank carriage	: FL
Transport category (ADR)	: 3
Special provisions for carriage - Packages (ADR)	: V12
Special provisions for carriage - Operation (ADR)	: S2
Hazard identification number (Kemler No.)	: 30
Orange plates	:



Tunnel restriction code (ADR)	: D/E
EAC	: •3YE

Transport by sea

Special provision (IMDG)	: 223, 955
Limited quantities (IMDG)	: 5 L
Excepted quantities (IMDG)	: E1
Packing instructions (IMDG)	: P001, LP01
Packing provisions (IMDG)	: PP1
IBC packing instructions (IMDG)	: IBC03
Tank instructions (IMDG)	: T2
Tank special provisions (IMDG)	: TP1
EmS-No. (Fire)	: F-E
EmS-No. (Spillage)	: S-D
Stowage category (IMDG)	: A
Properties and observations (IMDG)	: Adhesives are solutions of gums, resins, etc., usually volatile due to the solvents. Miscibility with water depends upon their composition.

Air transport

PCA Excepted quantities (IATA)	: E1
PCA Limited quantities (IATA)	: Y344
PCA limited quantity max net quantity (IATA)	: 10L
PCA packing instructions (IATA)	: 355
PCA max net quantity (IATA)	: 60L
CAO packing instructions (IATA)	: 366
CAO max net quantity (IATA)	: 220L
Special provision (IATA)	: A3
ERG code (IATA)	: 3L

14.7. Maritime transport in bulk according to IMO instruments

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 REACH substances with Annex XVII restrictions



COMERCIAL QUÍMICA MASSÓ, S.A.
ODŠTĚPNÝ ZÁVOD
Předvoje 449/32
162 00 Praha 6 - CZECH REPUBLIC
Tel.: + 420 241 481 798
Mail: masso@cqm.cz

TRS 4004

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment
Regulation (EU) 2020/878
Issue date: 07/01/2021 Revision date: 07/01/2021 Supersedes version
of: 14/07/2020 Version: 3.0

Contains no REACH candidate substance

Contains no REACH Annex XIV substances.

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance(s) subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

15.1.2. National regulations

Ensure all national/local regulations are observed.

France

Professional diseases

Code	Description
RG 4 BIS	Gastrointestinal disorders caused by benzene, toluene, xylenes and all products containing them
RG 65	Eczematiform lesions of allergic mechanism
RG 66	Occupational rhinitis and asthma
RG 84	Conditions caused by liquid organic solvents for professional use: saturated or unsaturated aliphatic or cyclic liquid hydrocarbons and mixtures thereof; liquid halogenated hydrocarbons; nitrated derivatives of aliphatic hydrocarbons; alcohols; glycols, glycol ethers; ketones; aldehydes; aliphatic and cyclic ethers, including tetrahydrofuran; esters; dimethylformamide and dimethylacetamine; acetonitrile and propionitrile; pyridine; dimethylsulfone and dimethylsulfoxide

Germany

Water hazard class (WGK) : WGK 3, Highly hazardous to water (Classification according to AwSV, Annex 1)

Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

Netherlands

SZW-lijst van kankerverwekkende stoffen : rosin; colophony is listed

SZW-lijst van mutagene stoffen : rosin; colophony is listed

NIET-limitatieve lijst van voor de voortplanting : None of the components are listed

giftige stoffen – Borstvoeding

NIET-limitatieve lijst van voor de voortplanting : None of the components are listed

giftige stoffen – Vruchtbaarheid

NIET-limitatieve lijst van voor de voortplanting : Toluene is listed

giftige stoffen – Ontwikkeling

Denmark

Class for fire hazard : Add boiling point

Store unit : Add boiling point

Classification remarks : Add boiling point; Emergency management guidelines for the storage of flammable liquids must be followed

Danish National Regulations : Young people below the age of 18 years are not allowed to use the product
Pregnant/breastfeeding women working with the product must not be in direct contact with the product

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes:			
Section	Changed item	Change	Comments
	Flammability (solid, gas)	Modified	
2.2	Precautionary statements (CLP)	Modified	
6.1	Protective equipment	Modified	
6.2	Environmental precautions	Modified	
7.1	Precautions for safe handling	Modified	



COMERCIAL QUÍMICA MASSÓ, S.A.
ODŠTĚPNÝ ZÁVOD
Předvoje 449/32
162 00 Praha 6 - CZECH REPUBLIC
Tel.: + 420 241 481 798
Mail: masso@cqm.cz

TRS 4004

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment
Regulation (EU) 2020/878
Issue date: 07/01/2021 Revision date: 07/01/2021 Supersedes version
of: 14/07/2020 Version: 3.0

7.2	Storage conditions	Modified	
7.2	Incompatible materials	Modified	
8.2	Respiratory protection	Modified	
8.2	Eye protection	Modified	
10.2	Chemical stability	Modified	
10.4	Conditions to avoid	Modified	
10.6	Hazardous decomposition products	Modified	
13.1	Waste disposal recommendations	Modified	

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

Training advice : workers must have risk-specific training.

Other information : None.

Full text of H- and EUH-phrases:	
Aquatic Acute 1	Hazardous to the aquatic environment - Acute Hazard Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment - Chronic Hazard Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment - Chronic Hazard Category 2
Asp. Tox. 1	Aspiration hazard Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids Category 2
Repr. 2	Reproductive toxicity Category 2
Skin Irrit. 2	Skin corrosion/irritation Category 2
Skin Sens. 1	Skin sensitization, Category 1
STOT RE 2	Specific target organ toxicity — Repeated exposure, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
H225	Highly flammable liquid and vapor.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H361d	Suspected of damaging the unborn child.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.



COMERCIAL QUÍMICA MASSÓ, S.A.
ODŠTĚPNÝ ZÁVOD
Předvoje 449/32
162 00 Praha 6 - CZECH REPUBLIC
Tel.: + 420 241 481 798
Mail: masso@cqm.cz

TRS 4004

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment
Regulation (EU) 2020/878
Issue date: 07/01/2021 Revision date: 07/01/2021 Supersedes version
of: 14/07/2020 Version: 3.0

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Flam. Liq. 2	H225	Calculation method
Skin Irrit. 2	H315	Calculation method
Eye Irrit. 2	H319	Calculation method
Skin Sens. 1	H317	Calculation method
STOT SE 3	H336	Calculation method
Aquatic Chronic 2	H411	Calculation method

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.