

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

1.1. Product identifier

Product name : MARSEL ALKID ENAMEL 3 IN 1
 Product code : 55

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

1.2.1. Relevant identified uses

Intended for general public
 Main use category : Professional use, Consumer use
 Use of the substance/mixture : For anti-corrosion and decorative protection of rusty steel surfaces with rust thickness up to 100 µm. For painting railings, fences, tanks etc. Performs simultaneously the function of a rust transformer, primer and decorative coat.

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Ninachim Ltd.
 Kiril & Metodi Str. 47
 Ruse - Bulgaria
 T +359 888 238 423 - F +359 8115 29 56
ninachim@ru-se.com - www.ninachim.com
 E-mail address of competent person responsible for the SDS : ninachim@ru-se.com

1.4. Emergency telephone number

Emergency number : Unified emergency number: 112

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Flammable liquids Category 3	H226
Acute toxicity (dermal) Category 4	H312
Acute toxicity (inhalation:vapour) Category 4	H332
Skin corrosion/irritation Category 2	H315
Specific target organ toxicity (single exposure) Category 3	H336
Aspiration hazard Category 1	H304
Hazardous to the aquatic environment - Chronic Hazard Category 3	H412

Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects

Flammable liquid and vapor. May cause drowsiness or dizziness. Harmful in contact with skin. Harmful if inhaled. Causes skin irritation. May be fatal if swallowed and enters airways. Harmful to aquatic life with long lasting effects.

2.2. Label elements

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

Hazard pictograms (CLP) :



Signal word (CLP) :

Danger

Hazardous ingredients :

n-butyl acetate; Solvent naphtha (petroleum), medium aliph., Straight run kerosine, [A complex combination of hydrocarbons obtained from the distillation of crude oil or natural gasoline. It consists predominantly of saturated hydrocarbons having carbon numbers predominantly in the range of C9 through C12 and boiling in the range of approximately 140 °C to 220 °C (284 °F to 428 °F).]

Hazard statements (CLP) :

H226 - Flammable liquid and vapor

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	H304 - May be fatal if swallowed and enters airways H312+H332 - Harmful in contact with skin or if inhaled H315 - Causes skin irritation H336 - May cause drowsiness or dizziness H412 - Harmful to aquatic life with long lasting effects
Precautionary statements (CLP)	: P102 - Keep out of reach of children P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking P280 - Wear protective gloves, protective clothing, eye protection, face protection P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER, a doctor P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing P403+P233 - Store in a well-ventilated place. Keep container tightly closed P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation
Security closing plug for children	: Applicable
Tactile warning	: Applicable

2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH, annex XIII

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]
Solvent naphtha (petroleum), medium aliph., Straight run kerosine, [A complex combination of hydrocarbons obtained from the distillation of crude oil or natural gasoline. It consists predominantly of saturated hydrocarbons having carbon numbers predominantly in the range of C9 through C12 and boiling in the range of approximately 140 °C to 220 °C (284 °F to 428 °F).]	(CAS No) 64742-88-7 (EC-No.) 265-191-7 (EC index no) 649-405-00-X (REACH-no) 01-2119537181-47	<= 21	Flam. Liq. 3, H226 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
xylene	(CAS No) 1330-20-7 (EC-No.) 215-535-7 (EC index no) 601-022-00-9 (REACH-no) 01-2119555267-33	<= 2.85	Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315
n-butyl acetate substance with a Community workplace exposure limit	(CAS No) 123-86-4 (EC-No.) 204-658-1 (EC index no) 607-025-00-1 (REACH-no) 01- 2119485493-29	<= 0.15	Flam. Liq. 3, H226 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	: Call a POISON CENTER or doctor/physician. Call a physician immediately.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor/physician if you feel unwell.
First-aid measures after skin contact	: Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse immediately and thoroughly, pulling the eyelids well away from the eye (15 minutes minimum). Rinse eyes with water as a precaution.
First-aid measures after ingestion	: If swallowed, seek medical advice immediately and show this container or label. Do not induce vomiting. Call a physician immediately.

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

Symptoms/effects	: May cause drowsiness or dizziness.
Symptoms/effects after skin contact	: Irritation. Repeated exposure may cause skin dryness or cracking.
Symptoms/effects after ingestion	: Risk of lung edema.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Flammable liquid and vapor.

Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Advice for firefighters

Precautionary measures fire : Isolate from fire, if possible, without unnecessary risk. Do not dispose of fire-fighting water in the environment. Do not breathe fumes.

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with skin, eyes and clothing.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.

Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapors may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing.

Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Ground/bond container and receiving equipment.

Storage conditions : Protect from sunlight. Store in a well-ventilated place. Keep only in original container. Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.

Storage temperature : < 35 °C

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

xylene (1330-20-7)		
EU	Local name	Xylene, mixed isomers, pure
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

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xylene (1330-20-7)		
EU	IOELV STEL (ppm)	100 ppm
EU	Notes	Skin
United Kingdom	Local name	Xylene
United Kingdom	WEL TWA (mg/m ³)	220 mg/m ³ o-,m-,p- or mixed isomers
United Kingdom	WEL TWA (ppm)	50 ppm o-,m-,p- or mixed isomers
United Kingdom	WEL STEL (mg/m ³)	441 mg/m ³ o-,m-,p- or mixed isomers
United Kingdom	WEL STEL (ppm)	100 ppm o-,m-,p- or mixed isomers
United Kingdom	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), BMGV (Biological monitoring guidance values are listed in Table 2)
n-butyl acetate (123-86-4)		
EU	Local name	n-butyl acetate
EU	Notes	SCOEL Recommendations (Ongoing)
United Kingdom	Local name	Butyl acetate
United Kingdom	WEL TWA (mg/m ³)	724 mg/m ³
United Kingdom	WEL TWA (ppm)	150 ppm
United Kingdom	WEL STEL (mg/m ³)	966 mg/m ³
United Kingdom	WEL STEL (ppm)	200 ppm

8.2. Exposure controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

Eye protection:

Safety glasses

Respiratory protection:

Wear respiratory protection



Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Viscous.
Color	: Various.
Odor	: characteristic.
Odor threshold	: No data available
pH	: Not applicable
Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: > 38 °C
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable Not applicable
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available

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Relative density	: No data available
Specific gravity / density	: 1 - 1.45 kg/l (20 °C)
Solubility	: Water: Insoluble
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: 700 - 1500 cP (20 °C)
Explosive properties	: Product is not explosive.
Oxidizing properties	: Not applicable.
Explosion limits	: No data available

9.2. Other information

VOC content	: 500 g/l DIRECTIVE 2004/42/EC on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes and vehicle refinishing products
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SECTION 10: Stability and reactivity

10.1. Reactivity

Flammable liquid and vapor.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

10.5. Incompatible materials

Reacts with oxidizing compounds.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Dermal: Harmful in contact with skin.
Acute toxicity (inhalation)	: Inhalation:vapour: Harmful if inhaled.

ATE CLP (dermal)	1100 mg/kg body weight
ATE CLP (vapors)	11 mg/l/4h

xylene (1330-20-7)	
LD50 oral rat	10 ml/kg
LC50 inhalation rat (ppm)	8000 ppm/4h
LD50, oral, rat	4.3 g/kg
LD50, oral, mouse	1590 mg/kg
LC50, Inhalation, mouse	3907 ppm (6 h)
IDLH, Inhalation	900 ppm
NOAEL	250 mg/kg bw/day
LOAEL	500 mg/kg bw/day

n-butyl acetate (123-86-4)	
LD50 oral rat	13100 mg/kg
LD50 dermal rabbit	5000 mg/kg
LC50 inhalation rat (mg/l)	> 21 mg/l/4h
LCLo, Guinea pig	1500 mg/kg
NOAEL, Inhalation, rat	1500 ppm (IUCLID Data Sheet)

Solvent naphtha (petroleum), medium aliph., Straight run kerosine, [A complex combination of hydrocarbons obtained from the distillation of crude oil or natural gasoline. It consists predominantly of saturated hydrocarbons having carbon numbers predominantly in the range of C9 through C12 and boiling in the range of approximately 140 °C to 220 °C (284 °F to 428 °F).] (64742-88-7)

LD50 oral rat	> 5 g/kg
LD50 dermal rabbit	> 2 g/kg
LC50 inhalation rat (mg/l)	> 5 mg/l

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Solvent naphtha (petroleum), medium aliph., Straight run kerosine, [A complex combination of hydrocarbons obtained from the distillation of crude oil or natural gasoline. It consists predominantly of saturated hydrocarbons having carbon numbers predominantly in the range of C9 through C12 and boiling in the range of approximately 140 °C to 220 °C (284 °F to 428 °F).] (64742-88-7)

., Eyes, human	470 ppm/15 min
Skin corrosion/irritation	: Causes skin irritation. pH: Not applicable
Serious eye damage/irritation	: Not classified pH: Not applicable
Respiratory or skin sensitization	: 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.
Specific target organ toxicity – repeated exposure	: Not classified
Aspiration hazard	: May be fatal if swallowed and enters airways.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: Harmful to aquatic life with long lasting effects.
Aquatic acute	: Not classified
Aquatic chronic	: Harmful to aquatic life with long lasting effects.

xylene (1330-20-7)

LC50 fish 1	16.9 ppm Carassius auratus (goldfish), 96 h
LC50 fish 2	26.7 mg/l Pimephales promelas - static test, 96 h
LC50, Lepomis macrochirus (Bluegill)	20,9 mg/l (96 h, static test)
LC50, Poecilia reticulata (Guppy)	34,7 mg/l (96 h, static test)

n-butyl acetate (123-86-4)

LC50 fish 1	18 mg/l Pimephales promelas, 96 h
LC50 fish 2	62 mg/l Leuciscus idus (golden orfe), 96 h
EC50 Daphnia 1	205 mg/l 48 h
EC50 other aquatic organisms 1	959 mg/l Pseudomonas putida

12.2. Persistence and degradability

n-butyl acetate (123-86-4)

ThOD	2200 g O ₂ /g substance
Biodegradation	83 % 20 days

12.3. Bioaccumulative potential

xylene (1330-20-7)

Bioconcentration factor (BCF REACH)	15
Log Pow	3.12 - 3.2

n-butyl acetate (123-86-4)

BCF fish 1	14 mg/kg
Log Kow	1.81 - 1.82

12.4. Mobility in soil

n-butyl acetate (123-86-4)

Log Koc	233
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12.5. Results of PBT and vPvB assessment

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This substance/mixture does not meet the PBT criteria of REACH, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH, annex XIII

12.6. Other adverse effects

No additional information available

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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Additional information	: Flammable vapors may accumulate in the container.
EURLW code	: 08 01 11* - waste paint and varnish containing organic solvents or other dangerous substances 08 01 99 - wastes not otherwise specified 20 01 27* - paint, inks, adhesives and resins containing dangerous substances 15 01 04 - metallic packaging

SECTION 14: Transport information

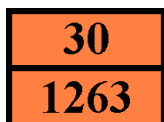
In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
1263	1263	1263	1263	1263
14.2. UN proper shipping name				
PAINT	PAINT	Paint	PAINT RELATED MATERIAL	PAINT RELATED MATERIAL
Transport document description				
UN 1263 PAINT, 3, III, (D/E)	UN 1263 PAINT, 3, III	UN 1263 Paint, 3, III	UN 1263 PAINT RELATED MATERIAL, 3, III	UN 1263 PAINT RELATED MATERIAL, 3, III
14.3. Transport hazard class(es)				
3	3	3	3	3
				
14.4. Packing group				
III	III	III	III	III
14.5. Environmental hazards				
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No	Dangerous for the environment : No	Dangerous for the environment : No
No supplementary information available				

14.6. Special precautions for user

- Overland transport

Classification code (ADR)	: F1
Special provision (ADR)	: 163, 640E, 650, 367
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, TP29
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	:



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Tunnel restriction code (ADR) : D/E

- Transport by sea

Special provision (IMDG) : 163, 223, 955, 367
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, TP29
EmS-No. (Fire) : F-E
EmS-No. (Spillage) : S-E
Stowage category (IMDG) : A
Properties and observations (IMDG) : Miscibility with water depends upon the 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, A72, A192
ERG code (IATA) : 3L

- Inland waterway transport

Classification code (ADN) : F1
Special provision (ADN) : 163, 367, 650
Limited quantities (ADN) : 5 L
Excepted quantities (ADN) : E1
Equipment required (ADN) : PP, EX, A
Ventilation (ADN) : VE01
Number of blue cones/lights (ADN) : 0

- Rail transport

Classification code (RID) : F1
Special provision (RID) : 163, 367, 650
Limited quantities (RID) : 5L
Excepted quantities (RID) : E1
Packing instructions (RID) : P001, R001
Special packing provisions (RID) : PP1
Mixed packing provisions (RID) : MP19
Transport category (RID) : 3
Colis express (express parcels) (RID) : CE4
Hazard identification number (RID) : 33

14.7. Transport in bulk according to Annex II of Marpol 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

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:

3. Liquid substances or mixtures which are regarded as dangerous in accordance with Directive 1999/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008	Solvent naphtha (petroleum), medium aliph., Straight run kerosine, [A complex combination of hydrocarbons obtained from the distillation of crude oil or natural gasoline. It consists predominantly of saturated hydrocarbons having carbon numbers predominantly in the range of C9 through C12 and boiling in the range of approximately 140 °C to 220 °C (284 °F to 428 °F).] - xylene
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3(a) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F	Solvent naphtha (petroleum), medium aliph., Straight run kerosine, [A complex combination of hydrocarbons obtained from the distillation of crude oil or natural gasoline. It consists predominantly of saturated hydrocarbons having carbon numbers predominantly in the range of C9 through C12 and boiling in the range of approximately 140 °C to 220 °C (284 °F to 428 °F).] - xylene
3(b) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10	Solvent naphtha (petroleum), medium aliph., Straight run kerosine, [A complex combination of hydrocarbons obtained from the distillation of crude oil or natural gasoline. It consists predominantly of saturated hydrocarbons having carbon numbers predominantly in the range of C9 through C12 and boiling in the range of approximately 140 °C to 220 °C (284 °F to 428 °F).] - xylene
3(c) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1	Solvent naphtha (petroleum), medium aliph., Straight run kerosine, [A complex combination of hydrocarbons obtained from the distillation of crude oil or natural gasoline. It consists predominantly of saturated hydrocarbons having carbon numbers predominantly in the range of C9 through C12 and boiling in the range of approximately 140 °C to 220 °C (284 °F to 428 °F).]
40. Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not.	xylene

Contains no REACH candidate substance

Contains no REACH Annex XIV substances.

VOC content : 500 g/l DIRECTIVE 2004/42/EC on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes and vehicle refinishing products

Seveso Information : P5c FLAMMABLE LIQUIDS
Flammable liquids Category 2 or 3 which are not covered by the P5A and R5b

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

Indication of changes:

All chapters have been modified since the previous version.

Abbreviations and acronyms:

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
BCF	Bioconcentration factor
LC50	Median lethal concentration
LD50	Median lethal dose
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
PBT	Persistent Bioaccumulative Toxic
vPvB	Very Persistent and Very Bioaccumulative
EC50	Median effective concentration
LOAEL	Lowest Observed Adverse Effect Level

Full text of H- and EUH-phrases:

Acute Tox. 4 (Dermal)	Acute toxicity (dermal) Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhalation) Category 4
Aquatic Chronic 2	Hazardous to the aquatic environment - Chronic Hazard Category 2
Asp. Tox. 1	Aspiration hazard Category 1
Flam. Liq. 3	Flammable liquids Category 3

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Skin Irrit. 2	Skin corrosion/irritation Category 2
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H226	Flammable liquid and vapor
H304	May be fatal if swallowed and enters airways
H312	Harmful in contact with skin
H315	Causes skin irritation
H332	Harmful if inhaled
H336	May cause drowsiness or dizziness
H411	Toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects

SDS EU (REACH Annex II)

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

DECLARATIE DE PERFORMANTA

NR.....



1. **Produsul:** Elemente pentru zidarie din beton celular autoclavizat (BCA) – categoria I
Cod unic de identificare: BCA CELCO® STANDARD
Nr. Lot:.....
2. **Utilizare preconizata:** In diferite aplicatii neportante protejate, sub toate formele de ziduri
3. **Producator:** CELCO S.A Constanta, Sos. Industriala nr. 5, 900147, tel 0241 677 320, fax 0241 636 711
4. **Sistemul de evaluare si verificare a constantei performantei:** 2+
5. **Standard armonizat:** SR EN 771-4:2011
Organismul notificat SRAC CERT (NB 2003) a efectuat inspectia initiala a locului de productie si a controlului productiei in fabrica, efectueaza supravegherea continua si evalueaza controlului productiei in fabrica si a emis certificatul pentru controlul productiei in fabrica 2003-CPR-13.
6. **Performanta declarata:**

Caracteristici esentiale		Performanta	Specificatie tehnica armonizata
Dimensiuni	Lungime, mm	625	SR EN 771-4: 2011
	Latime, mm	50; 75; 100; 125; 150; 200; 250; 300; 350; 375; 400	
	Inaltime, mm	240	
Tolerante dimensionale		TLMB	
Rezistenta medie la compresiune, N/mm ² , min. (-pe fata de asezare, prisme decupate cu latura de 100 mm, 6%umiditate)		2,5	
Variatie dimensionala (contractie), mm/m, max.		0,5	
Rezistenta aderenței initiale la forfecare pentru mortar cu straturi subțiri, N/mm ²		0,3	
Rezistenta aderenței la incovoiere, N/mm ²		0,2 N/mm ² (cu rosturile orizontale) 0,23 N/mm ² (⊥ pe rosturile orizontale), 20% umiditate proba	
Reactia la foc		Clasa A1	
Absorbția de apă, g/m ² s ^{0,5}	10'	200	
	30'	150	
	90'	120	
Coeficientul de difuzie a vaporilor de apă μ		5/10	
Durabilitate (rezistenta la inghet-dezghet), %, max.			
-scadere de masa		5	
-scadere de rezistenta		10	
Izolare acustica impotriva zgomotului aerian direct, indicele de evaluare a izolarii la zgomot aerian pentru perete 250 mm		49 dB	
Densitate aparenta in stare uscata, medie, kg/m ³		400±30	
Configuratia		Nut si feder pentru 625x(250;300;350;375)x240 mm	
Conductivitate termica, λ _{10,dry} (P=50%), W/mK		0,10±0,01	
Substante periculoase		NPD	

7. **Performanta produsului identificat la punctul 1 este in conformitate cu performanta declarata de la punctul 6. Aceasta declaratie de performanta este eliberata in conformitate cu Regulamentul (UE) nr. 305/2011, pe raspunderea exclusiva a fabricantului identificat la punctul 3.**
Semnata pentru si in numele fabricantului de catre:

Ing. Ion SECAREANU
Director General

Locul si data emiterii:

Semnatura:

CERTIFICAREA SISTEMULUI DE MANAGEMENT INTEGRAT CALITATE – MEDIU - SANATATE SI SECURITATE IN MUNCA

CELCO S.A are certificat sistemul de management integrat calitate, mediu, sanatate si securitate in munca in conformitate cu standardele de referinta: ISO 9001:2008, ISO 14001:2004, OHSAS 18001:2007 de catre organismul de certificare **SRAC**. Aceste sisteme de management au scopul de a imbunatati continuu satisfactia clientilor, de a controla si minimaliza aspectele de mediu si riscurile de sanatate si securitate in munca pentru a contribui la cresterea continua a nivelului calitativ al produselor realizate, la prevenirea poluarii si economia de resurse, promovarea principiilor dezvoltarii durabile si pentru a preveni incidentele de munca si imbolnavirile profesionale.

INSTRUCTIUNI DE UTILIZARE A BLOCURILOR BCA ZIDARIE CELCO INSTRUCTIUNI DE PUNERE IN OPERA BCA CELCO

1. *În vederea creșterii confortului termic al locuinței recomandăm pentru pereții exteriori utilizarea BCA CELCO cu o grosime de minim 375 mm, fără a fi nevoie de termoizolație suplimentară. Greutatea sa redusă, proprietățile de izolare termică și fonică, ușurința prelucrării și punerii în operă reduc în mod considerabil costurile aferente folosirii unui sistem termoizolator suplimentar, durata de execuție ducând, în ansamblu, la economie de capital.*

- *CELCO MEGATERM – plăci de termoizolație - pentru planșee, stâlpi de rezistență, grinzi și diverse termoizolații, având grosimi de 75 și 100 mm*
- *CELCO MEGATERM PLUS pentru construcții în cadre cu un confort termic sport*
- *CELCO STRUCTOTERM pentru structuri portante, multi sau monostrat și termoizolare pe structura din beton la fundații*
- *CELCO SUPERBLOCK pentru ziduri exterioare multi sau monostrat și ziduri interioare cu rezistență ridicată*

2. *Pentru pereții exteriori se recomandă utilizarea BCA CELCO STRUCTOTERM, SUPERBLOCK, STANDARD sau MEGATERM PLUS de categoriile +, A+ sau A++, având grosimi de 350, 375 sau 400 mm.*

3. *Pentru pereții interiori se recomandă utilizarea BCA CELCO STRUCTOTERM, SUPERBLOCK, STANDARD sau MEGATERM PLUS având grosimi de 150 și 200 mm.*

Zidăria interioară și cea exterioară se execută din blocuri BCA CELCO întregi sau fracțiuni ale acestora ce se obțin prin tăierea celor întregi cu ajutorul ferăstrăului, obținându-se dimensiunile necesare rapid, fără efort prea mare și fără pierderi. Blocurile de BCA se vor zidi întrefesut, nefiind permisă existența unui rost vertical pe un rând în dreptul unui alt rost vertical al rândului inferior.

Lipirea blocurilor de BCA se realizează cu mortarul CELCO ZID DD-M10 sau ZID DD-M5 aplicat uniform cu ajutorul mistriei cu zimți în straturi subțiri de până la 3 mm. Între ultimul rând de BCA și grinda de beton sau placa de beton este obligatorie aplicarea unui strat de mortar. Nu există limitări arhitecturale în folosirea BCA CELCO. Blocurile de BCA CELCO pot fi tăiate foarte ușor, manual, cu un ferăstrău pentru a realiza ziduri drepte fara abateri dimensionale. BCA CELCO este un material poros cu absorbție de apă redusă și încetinită. Acest lucru se datorează porilor închiși și lipsei capilarității.

INSTRUCTIUNI PENTRU MANIPULAREA, DEPOZITAREA SI CONSERVAREA BLOCURILOR BCA ZIDARIE CELCO

- ▶ *Produsele BCA sunt ambalate și se livrează pe paletii de lemn, în huse din folie stretch hood.*
- ▶ *Incarcarea și descarcarea paletilor cu elemente de BCA se face mecanizat cu ajutorul motostivitorului sau cu instalatii de ridicat tip macara. Se recomandă evitarea socurilor în timpul transportului.*
- ▶ *Paletii cu elemente de BCA se depozitează pe suprafețe plane, betonate sau balastate, în zone ferite de posibilitatea de acumulare a apelor.*
- ▶ *Depozitarea se face pe maxim 3 rânduri a paletilor cu elemente BCA neprofilat și pe un rând a paletilor cu elemente profilate.*

Declarație de conformitate

Subsemnatul, reprezentant al firmei Ninachim EOOD, stradă „Kiril i Metodii” nr. 47, 7004 Ruse, Bulgaria, baza de producție: municipiul Ruse, satul Chervena voda, proprietate 6.

Declar pe propria răspundere, că produsele fabricate de Ninachim EOOD sunt produse în condițiile sistemelor implementate, întreținute și îmbunătățite conform standardelor internaționale EN ISO 9001: 2015 (Sistem de control și management al calității), EN ISO 14001: 2015 Sistemul de management al mediului.

Toate produsele pe care Ninachim EOOD le fabrică și le livrează îndeplinesc reglementările și cerințele europene și au certificatele europene relevante. Informațiile de identificare a pericolelor sunt declarate în fișa cu date de siguranță a produsului în conformitate cu Regulamentul (CE) № 1907/2006 (REACH) și modificarea acestuia prin Regulamentul (UE) 2015/830. Produsele sunt clasificate, ambalate și etichetate în conformitate cu Regulamentul (CLP) (CE) № 1272/2008.

Toate produsele / sub mărcile: **Marsel, Si Belle, Marsel H2O, Royal, Ninachim** / pe care le furnizăm la „Manticora” SRL, Moldova sunt fabricate și livrate în următoarele condiții:

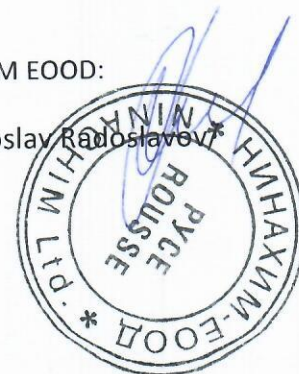
1. Respectă cerințele stabilite în Directiva europeană 2004/42 / CE privind limitarea emisiilor de compuși organici volatili la utilizarea solvenților organici în anumite vopsele, lacuri și produse pentru reparații auto. Conținutul de substanță volatilă al fiecărui produs reglementat de prezenta directivă se indică pe ambalaj.
2. Nu conțin substanțe care diminuează ozonul și nu sunt incluse în Regulamentul 1005/2009 al Parlamentului European din 16 septembrie 2009, publicat în Jurnalul oficial UE L 286 / 31.10.2009
3. Respectă cerințele următoarelor Regulamente (CE) și modificările acestora:
 - № 1907/2006 Înregistrarea, evaluarea, autorizarea și restricționarea substanțelor chimice (REACH)
 - № 1272/2008 Regulament pentru clasificare, etichetare și ambalare (CLP)
 - № 528/2012 Regulamentul privind produsele biocide (BPR)

Prin prezenta declar că sunt conștient de responsabilitatea pe care o asum în temeiul art. 313 din Codul penal.

Ruse, decembrie 2020

CEO NINACHIM EOOD:

/ Radoslav Radoslavov



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

1.1. Product identifier

Product form : Mixture
 Product name : PAINT PROTECTA 3 IN 1

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

1.2.1. Relevant identified uses

No additional information available

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Orgachim AD
 21 Treti Mart Blvd
 7000 Ruse - Bulgaria
 T +359 82 886 222 - F +359 82 886 221
orgachim@orgachim.bg - www.orgachim.bg

1.4. Emergency telephone number

Emergency number : +359 2 9154 233 / Unified emergency number: 112;

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 RE 1	H372
Aquatic Chronic 3	H412

Full text of hazard classes and H-statements : see section 16

Adverse physicochemical, human health and environmental effects

Flammable liquid and vapour. Causes damage to organs through prolonged or repeated exposure. Causes skin irritation. Causes serious eye irritation. Harmful to aquatic life with long lasting effects.

2.2. Label elements

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

Hazard pictograms (CLP) :



GHS02 GHS08 GHS09

Signal word (CLP) :

Danger

Hazardous ingredients :

Solvent naphta(petroleum), medium aliphatic(Hydrocarbons, C9-C12, n-alkanes, iso alkanes, cyclic, aromatics(2-25%))

Hazard statements (CLP) :

H226 - Flammable liquid and vapour.
 H315 - Causes skin irritation.
 H319 - Causes serious eye irritation.
 H372 - Causes damage to organs through prolonged or repeated exposure.
 H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements (CLP) :

P260 - Do not breathe dust, fume, gas, mist, spray, vapours.
 P271 - Use only outdoors or in a well-ventilated area.
 P280 - Wear protective gloves, eye protection.
 P304+P340+P310 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor/....
 P101 - If medical advice is needed, have product container or label at hand.
 P102 - Keep out of reach of children.
 P262 - Do not get in eyes, on skin, or on clothing.

EUH-statements :

EUH208 - Contains 2-butanone oxime(96-29-7), cobalt(II) 2-ethylhexanoate(136-52-7). May produce an allergic reaction.

2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

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according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

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]
Solvent naphtha(petroleum), medium aliphatic(Hydrocarbons, C9-C12, n-alkanes, iso alkanes, cyclic, aromatics(2-25%))	(CAS-No.) 64742-88-7 (EC-No.) 265-191-7 (REACH-no) 01-2119537181-47	5.3 - 24	Flam. Liq. 3, H226 STOT SE 3, H336 STOT RE 1, H372 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	(CAS-No.) 64742-82-1 (EC Index-No.) 919-446-0 (REACH-no) 01-21119458049-33	0.535 - 2.475	Flam. Liq. 3, H226 STOT SE 3, H336 STOT RE 1, H372 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
2-butanone oxime	(CAS-No.) 96-29-7 (EC-No.) 202-496-6 (EC Index-No.) 616-014-00-0 (REACH-no) 01-2119539477-28	0.125 - 0.65	Carc. 2, H351 Acute Tox. 4 (Dermal), H312 Eye Dam. 1, H318 Skin Sens. 1, H317
cobalt(II) 2-ethylhexanoate	(CAS-No.) 136-52-7 (EC-No.) 205-250-6	0.055 - 0.325	Skin Sens. 1, H317 Repr. 2, H361f Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: Get medical advice/attention if you feel unwell.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Rinse skin with water/shower. Wash skin with plenty of water. Take off contaminated clothing. Take off immediately all contaminated clothing. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse eyes with water as a precaution. 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.
First-aid measures after ingestion	: Call a poison center or a doctor if you feel unwell.

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

Symptoms/effects after skin contact	: Irritation. Repeated exposure may cause skin dryness or cracking.
Symptoms/effects after eye contact	: Eye irritation.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Flammable liquid and vapour.
Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes.

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6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.

Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapours may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes.

Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Ground/bond container and receiving equipment.

Storage conditions : Store in a well-ventilated place. Keep cool. Keep container tightly closed.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%) (64742-82-1)

EU	Local name	White spirit Type 1
EU	IOELV TWA (mg/m ³)	116 mg/m ³
EU	IOELV TWA (ppm)	20 ppm
EU	IOELV STEL (mg/m ³)	290 mg/m ³
EU	IOELV STEL (ppm)	50 ppm
EU	Notes	skin. (Year of adoption 2007)
EU	Regulatory reference	SCOEL Recommendations
Germany	TRGS 910 Acceptable concentration notes	

8.2. Exposure controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

Hand protection:

Protective gloves

Eye protection:

Safety glasses

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

Environmental exposure controls:

Avoid release to the environment.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: According to product specification.
Odour	: characteristic.
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: 29 °C
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 1.32 g/cm ³ 20 °C
Solubility	: No data available
Log Pow	: No data available
Viscosity, kinematic	: 53.03 mm ² /s
Viscosity, dynamic	: 70 mPa·s 20 °C
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Flammable liquid and vapour.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

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

ATE CLP (dust,mist)	0.141 mg/l/4h
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2-butanone oxime (96-29-7)

LD50 oral rat	> 930 mg/kg (Rat; Equivalent or similar to OECD 401; Literature study; 2326 mg/kg bodyweight; Rat; Experimental value; >900 mg/kg bodyweight; Rat; Experimental value)
LD50 dermal rat	> 2000 mg/kg (Rat; Literature)
LD50 dermal rabbit	> 1000 mg/kg bodyweight (Rabbit; Experimental value; Equivalent or similar to OECD 402)
LC50 inhalation rat (mg/l)	20 mg/l/4h (Rat; Literature study)

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cobalt(II) 2-ethylhexanoate (136-52-7)	
LD50 oral rat	3129 mg/kg bodyweight (Rat; OECD 425: Acute Oral Toxicity: Up-and-Down Procedure; Experimental value)
LD50 dermal rat	> 2000 mg/kg bodyweight (Rat; Weight of evidence; OECD 402: Acute Dermal Toxicity)

Solvent naphta(petroleum), medium aliphatic(Hydrocarbons, C9-C12, n-alkanes, iso alkanes, cyclic, aromatics(2-25%)(64742-88-7)	
LD50 oral rat	> 5050 mg/kg
LD50 dermal rat	> 4 ml/kg
LC50 inhalation rat (mg/l)	> 13.1 mg/l

Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified

cobalt(II) 2-ethylhexanoate (136-52-7)	
IARC group	2B - Possibly carcinogenic to humans

Solvent naphta(petroleum), medium aliphatic(Hydrocarbons, C9-C12, n-alkanes, iso alkanes, cyclic, aromatics(2-25%)(64742-88-7)	
NOAEL (chronic, oral, animal/male, 2 years)	>= 1056 mg/kg bodyweight

Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Causes damage to organs through prolonged or repeated exposure.
Aspiration hazard	: Not classified

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Viscosity, kinematic	53.03 mm ² /s

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: Harmful to aquatic life with long lasting effects. Before neutralisation, the product may represent a danger to aquatic organisms.
Acute aquatic toxicity	: Not classified
Chronic aquatic toxicity	: Harmful to aquatic life with long lasting effects.

2-butanone oxime (96-29-7)	
Threshold limit algae 2	11.8 mg/l (EC50; OECD 201: Alga, Growth Inhibition Test; 72 h; Scenedesmus sp.; Static system; Fresh water; Experimental value)

cobalt(II) 2-ethylhexanoate (136-52-7)	
LC50 fish 1	46.51 mg/l (LOEC; ASTM; 96 h; Pimephales promelas; Flow-through system; Fresh water; Read-across)
LC50 fish 2	54.1 mg/l (LC50; ASTM; 96 h; Pimephales promelas; Flow-through system; Fresh water; Read-across)
EC50 Daphnia 1	0.212 mg/l (NOEC; ASTM; 48 h; Ceriodaphnia dubia; Static system; Salt water; Read-across)
EC50 Daphnia 2	0.605 mg/l (LC50; ASTM; 48 h; Ceriodaphnia dubia; Static system; Salt water; Read-across)
Threshold limit algae 1	144 µg/l (ErC50; OECD 201: Alga, Growth Inhibition Test; 72 h; Pseudokirchneriella subcapitata; Static system; Fresh water; Read-across)
Threshold limit algae 2	32.2 µg/l (NOEC; OECD 201: Alga, Growth Inhibition Test; 72 h; Pseudokirchneriella subcapitata; Static system; Fresh water; Read-across)

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12.2. Persistence and degradability

2-butanone oxime (96-29-7)

Persistence and degradability	Inherently biodegradable. No (test)data on mobility of the substance available.
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cobalt(II) 2-ethylhexanoate (136-52-7)

Persistence and degradability	Readily biodegradable in water. No (test)data on mobility of the substance available.
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12.3. Bioaccumulative potential

2-butanone oxime (96-29-7)

BCF fish 1	0.5-5.8,BCF; OECD 305: Bioconcentration: Flow-Through Fish Test; 42 days; Cyprinus carpio; Fresh water; Experimental value
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Log Pow	0.63 (Experimental value; OECD 117: Partition Coefficient (n-octanol/water), HPLC method)
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Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).
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cobalt(II) 2-ethylhexanoate (136-52-7)

BCF fish 1	1.2 (BCF; 131 days; Seriola quinqueradiata; Static system; Salt water; Read-across)
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Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).
---------------------------	--

12.4. Mobility in soil

cobalt(II) 2-ethylhexanoate (136-52-7)

Surface tension	0.064 N/m (20 °C; 1 g/l)
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12.5. Results of PBT and vPvB assessment

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This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

Component

Solvent naphtha(petroleum), medium aliphatic(Hydrocarbons, C9-C12, n-alkanes, iso alkanes, cyclic, aromatics(2-25%)) (64742-88-7)

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

Additional information : Flammable vapours may accumulate in the container.

SECTION 14: Transport information






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

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
UN 1263	UN 1263	UN 1263	UN 1263	UN 1263
14.2. UN proper shipping name				
PAINT	PAINT	Paint	PAINT	PAINT
Transport document description				
UN 1263 PAINT, 3, III, (D/E)	UN 1263 PAINT, 3, III	UN 1263 Paint, 3, III	UN 1263 PAINT, 3, III	UN 1263 PAINT, 3, III
14.3. Transport hazard class(es)				
3	3	3	3	3

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according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

				
14.4. Packing group				
III	III	III	III	III
14.5. Environmental hazards				
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No	Dangerous for the environment : No	Dangerous for the environment : No
No supplementary information available				

14.6. Special precautions for user

Overland transport

Classification code (ADR)	: F1
Special provisions (ADR)	: 163, 367, 650
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, TP29
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

Transport by sea

Special provisions (IMDG)	: 163, 223, 367, 955
Limited quantities (IMDG)	: 5 L
Excepted quantities (IMDG)	: E1
Packing instructions (IMDG)	: P001, LP01
Special packing provisions (IMDG)	: PP1
IBC packing instructions (IMDG)	: IBC03
Tank instructions (IMDG)	: T2
Tank special provisions (IMDG)	: TP1, TP29
EmS-No. (Fire)	: F-E
EmS-No. (Spillage)	: S-E
Stowage category (IMDG)	: A
Properties and observations (IMDG)	: Miscibility with water depends upon the 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

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Special provisions (IATA) : A3, A72, A192

ERG code (IATA) : 3L

Inland waterway transport

Classification code (ADN) : F1

Special provisions (ADN) : 163, 367, 650

Limited quantities (ADN) : 5 L

Excepted quantities (ADN) : E1

Equipment required (ADN) : PP, EX, A

Ventilation (ADN) : VE01

Number of blue cones/lights (ADN) : 0

Rail transport

Classification code (RID) : F1

Special provisions (RID) : 163, 367, 650

Limited quantities (RID) : 5L

Excepted quantities (RID) : E1

Packing instructions (RID) : P001, IBC03, LP01, R001

Special packing provisions (RID) : PP1

Mixed packing provisions (RID) : MP19

Portable tank and bulk container instructions (RID) : T2

Portable tank and bulk container special provisions (RID) : TP1, TP29

Tank codes for RID tanks (RID) : LGBF

Transport category (RID) : 3

Special provisions for carriage – Packages (RID) : W12

Colis express (express parcels) (RID) : CE4

Hazard identification number (RID) : 30

14.7. Transport in bulk according to Annex II of Marpol 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

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:

3(a) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F	PAINT PROTECTA 3 IN 1 - Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)
3(b) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10	PAINT PROTECTA 3 IN 1 - Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)
3(c) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1	PAINT PROTECTA 3 IN 1 - Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)
40. Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not.	Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)

Contains no substance on the REACH candidate list

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.

Substance(s) are not subject to Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004 on persistent organic pollutants and amending Directive 79/117/EEC.

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according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

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

Full text of H- and EUH-statements:	
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
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
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1
Carc. 2	Carcinogenicity, Category 2
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Repr. 2	Reproductive toxicity, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
STOT RE 1	Specific target organ toxicity — Repeated exposure, Category 1
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H351	Suspected of causing cancer.
H361f	Suspected of damaging fertility.
H372	Causes 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.
H412	Harmful to aquatic life with long lasting effects.
EUH208	Contains 2-butanone oxime(96-29-7), cobalt(II) 2-ethylhexanoate(136-52-7). May produce an allergic reaction.

SDS EU (REACH Annex II)

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

Declarație de conformitate

Subsemnatul, reprezentant al firmei Orgachim AD, Blvd. treti mart nr. 21, 7000 Ruse, Bulgaria

Declar pe propria răspundere, că produsele fabricate de Orgachim AD sunt produse în condițiile sistemelor implementate, întreținute și îmbunătățite conform standardelor internaționale EN ISO 9001: 2015 (Sistem de control și management al calității), EN ISO 14001: 2015 Sistemul de management al mediului), EN ISO 45001: 2018 (Sistemul de sănătate și siguranță la locul de muncă) și CEFIC Responsible Care.

Toate produsele pe care Orgachim AD le fabrică și le livrează îndeplinesc reglementările și cerințele europene și au certificatele europene relevante. Informațiile de identificare a pericolelor sunt declarate în fișa cu date de siguranță a produsului în conformitate cu Regulamentul (CE) № 1907/2006 (REACH) și modificarea acestuia prin Regulamentul (UE) 2015/830. Produsele sunt clasificate, ambalate și etichetate în conformitate cu Regulamentul (CLP) (CE) № 1272/2008.

Toate produsele / sub mărcile: Timmer, Spirit, Protecta, Leko, Casa Bella, Mefisto, Orgachim, Policolor, Klar, Deko professional floor, produse industriale și de construcții / pe care le furnizăm la OOO „Catranis Com”, Moldova sunt fabricate și livrate în următoarele condiții:

1. Respectă cerințele stabilite în Directiva europeană 2004/42 / CE privind limitarea emisiilor de compuși organici volatili la utilizarea solvenților organici în anumite vopsele, lacuri și produse pentru reparații auto. Conținutul de substanță volatilă al fiecărui produs reglementat de prezenta directivă se indică pe ambalaj.

2. Nu conțin substanțe care diminuează ozonul și nu sunt incluse în Regulamentul 1005/2009 al Parlamentului European din 16 septembrie 2009, publicat în Jurnalul oficial UE L 286 / 31.10.2009

3. Respectă cerințele următoarelor Regulamente (CE) și modificările acestora:

- № 1907/2006 Înregistrarea, evaluarea, autorizarea și restricționarea substanțelor chimice (REACH)
- № 1272/2008 Regulament pentru clasificare, etichetare și ambalare (CLP)
- № 528/2012 Regulamentul privind produsele biocide (BPR)

Prin prezenta declar că sunt conștient de responsabilitatea pe care o asum în temeiul art. 313 din Codul penal.

Ruse, decembrie 2020

Șef departament „Export“:

/ Stoil Buyukliev /

