

Issue date: 24/07/2019

Revision date: 23/05/2022

Version: 7.2

Product code: 005805,055801

GALVA MAT en pot

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

1.1. Product identifier

Product form : Mixture

Product name : GALVA MAT en pot UFI : 4D2H-U0XK-500W-3DFE

Product code : 005805
Type of product : Paint
Synonyms : GALVA MAT
Product group : Trade product

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

1.2.1. Relevant identified uses

Main use category : Industrial use, Professional use

Function or use category : Paints and coatings

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the Safety Data Sheet

ITW SPRAYTEC

42, rue Gallieni

92600 - ASNIERES-sur-SEINE

FRANCE

Tel.: 01 40 80 32 32 - Fax: 01.40.80.32.30 e-mail: infofds@itwpc.com - Internet: www.jelt.fr

1.4. Emergency telephone number

Emergency number : ORFILA (INRS): 01 45 42 59 59, 24h sur 24, 7j sur 7

French poison and toxicity monitoring centres : http://www.centres-antipoison.net

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) 1272/2008

 Flam. Liq. 3
 H226

 Skin Sens. 1
 H317

 Aquatic Acute 1
 H400

 Aquatic Chronic 1
 H410

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

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) 1272/2008

Hazard pictograms







2 GHS07

GHS09

Signal word : Warning

Hazardous ingredients : Zinc dust (stabilized), Aromatic hydrocarbons, C8, Fatty acids, tall-oil, compounds with

oleylamine

Hazard statements : H226 - Flammable liquid and vapour.

H317 - May cause an allergic skin reaction.

H410 - Very toxic to aquatic life with long lasting effects.

Precautionary statements : P210 - Keep away from hot surfaces, open flames, sparks, heat. No smoking.

P233 - Keep container tightly closed.

P240 - Ground/bond container and receiving equipment.

P260 - Do not breathe spray.

P271 - Use only outdoors or in a well-ventilated area.

P280 - Wear face protection, eye protection, protective clothing, protective gloves.

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 Contains no PBT/vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

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Component	
Aromatic hydrocarbons, C8	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
Hydrocarbons, C9, aromatics	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
Unsaturated fatty acids (C18), trimers with 9-octadecen-1-amine, (Z) (147900-93-4)	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
Fatty acids, tall-oil, compounds with oleylamine (85711-55-3)	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

The mixture does not contain any substance included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in the Delegated Regulation (EU) 2017/2100 or the Regulation (EU) 2018/605

SECTION 3: Composition/information on ingredients

3.1. Substances

Not established.

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) 1272/2008
Zinc dust (stabilized)	CAS-No.: 7440-66-6 EC-No.: 231-175-3 EC Index-No.: 030-002-00-7 REACH-no: 01-2119467174-37	60 – 80	Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Aromatic hydrocarbons, C8 substance with national workplace exposure limit(s) (FR); substance with a Community workplace exposure limit (Note J)	EC-No.: 905-588-0 REACH-no: 01-2119486136-34	1 – 10	Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation:vapour), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Muta. Not classified Carc. Not classified STOT SE 3, H335 STOT RE 2, H373 Asp. Tox. 1, H304 Aquatic Acute Not classified Aquatic Chronic Not classified
Hydrocarbons, C9, aromatics (Note P)	EC-No.: 918-668-5 REACH-no: 01-2119455851-35	≥1-<5	Flam. Liq. 3, H226 Muta. Not classified Carc. Not classified STOT SE 3, H336 STOT SE 3, H335 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Zinc oxide substance with national workplace exposure limit(s) (FR)	CAS-No.: 1314-13-2 EC-No.: 215-222-5 EC Index-No.: 030-013-00-7 REACH-no: 01-2119463881-32	≥1-<5	Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Unsaturated fatty acids (C18), trimers with 9-octadecen-1-amine, (Z)	CAS-No.: 147900-93-4 EC-No.: 604-612-4 REACH-no: 01-2119971821-33	≥ 0,1 – < 1	Skin Sens. 1, H317 STOT RE 2, H373 Aquatic Chronic 2, H411
Fatty acids, tall-oil, compounds with oleylamine	CAS-No.: 85711-55-3 EC-No.: 288-315-1 REACH-no: 01-2119974148-28	≥ 0,1 – < 1	Eye Dam. 1, H318 Skin Sens. 1A, H317 STOT RE 2, H373

Note J: The harmonised classification as a carcinogen or mutagen applies unless it can be shown that the substance contains less than 0,1 % w/w benzene (Einecs No 200-753-7), in which case a classification in accordance with Title II of this Regulation shall be performed also for those hazard classes. Note P: The harmonised classification as a carcinogen or mutagen applies unless it can be shown that the substance contains less than 0,1 % w/w benzene (Einecs No 200-753-7), in which case a classification in accordance with Title II of this Regulation shall be performed also for those hazard classes. Where the substance is not classified as a carcinogen or mutagen, at least the precautionary statements (P102-)P260-P262-P301 + P310-P331 shall apply. Full text of H- and EUH-statements: 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 skin contact

: If skin irritation occurs: Get medical advice/attention. Wash with soapy water. If skin irritation or rash occurs: Get medical advice/attention. Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.

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First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. If you feel unwell, seek medical advice.

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

Symptoms/effects after skin contact : May cause an allergic skin reaction. May cause moderate irritation.

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Sand. Dry powder. Alcohol resistant foam.

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 vapour.

Explosion hazard : May form flammable/explosive vapour-air mixture.

Hazardous decomposition products in case of fire : Carbon dioxide. Carbon monoxide.

5.3. Advice for firefighters

Precautionary measures fire : Evacuate area.

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical

fire. Contain the extinguishing fluids by bunding.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection. Self-

contained breathing apparatus. Complete protective clothing. Do not attempt to take action without

suitable protective equipment.

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. Ensure adequate ventilation. Absorb spillage to prevent material damage.

6.1.1. For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Evacuate unnecessary personnel.

6.2. Environmental precautions

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

6.3. Methods and material for containment and cleaning up

For containment : Collect spillage.

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.

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

6.4. Reference to other sections

Concerning personal protective equipment to use, see section 8. Concerning disposal elimination after cleaning, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Handle empty containers with care because residual vapours are flammable.

Precautions for safe handling : Take precautionary measures against static discharge. Ensure good ventilation of the work station.

Do not breathe vapours, mist. Keep away from heat, hot surfaces, sparks, open flames and other

ignition sources. No smoking. Use personal protective equipment as required. Close container tightly after use. Wear personal protective equipment. Wash hands and other exposed areas with

mild soap and water before eating, drinking or smoking and when leaving work.

Handling temperature : < 30 °C

Hygiene measures : Do not eat, drink or smoke when using this product. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Separate working clothes from town clothes. Launder separately. 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. Provide local exhaust or general room ventilation.

Storage conditions : Keep container tightly closed. Keep container closed when not in use.

Incompatible materials : Heat sources. Storage temperature : < 40 °C

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7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1.Control parameters

Aromatic hydrocarb	oons, C8	
France	Local name	Xylène: mélange d'isomères
France	VME (OEL TWA)	221 mg/m³
France	VME (OEL TWA) [ppm]	50 ppm
France	VLE (OEL C/STEL)	442 mg/m³
France	VLE (OEL C/STEL) [ppm]	100 ppm
France	Remark	Valeurs règlementaires contraignantes; risque de pénétration percutanée
Zinc oxide (1314-13-	-2)	
France	VME (OEL TWA)	10 mg/m³

8.1.1 National occupational exposure and biological limit values

Aromatic hydrocarbons, C8	
EU - Indicative Occupational Exposure Limit (IOE	L)
Local name	Xylene, mixed isomers, pure
IOEL TWA	221 mg/m³
IOEL STEL	442 mg/m³
IOEL STEL [ppm]	100 ppm
Remark	Skin
France - Occupational Exposure Limits	
Local name	Xylène: mélange d'isomères
VME (OEL TWA)	221 mg/m³
VME (OEL TWA) [ppm]	50 ppm
VLE (OEL C/STEL)	442 mg/m³
VLE (OEL C/STEL) [ppm]	100 ppm
Remark	Valeurs règlementaires contraignantes; risque de pénétration percutanée
Zinc oxide (1314-13-2)	
France - Occupational Exposure Limits	
VME (OEL TWA)	10 mg/m ³

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

Zinc dust (stabilized) (7440-66-6)		
DNEL/DMEL (Workers)		
Long-term - systemic effects, inhalation	5 mg/m ³	

Aromatic hydrocarbons, C8	
DNEL/DMEL (Workers)	
Acute - systemic effects, inhalation	442 mg/m³ ECHA
Acute - local effects, inhalation	442 mg/m³ ECHA
Long-term - systemic effects, dermal	212 mg/kg bodyweight/day ECHA
Long-term - systemic effects, inhalation	221 mg/m³ ECHA
Long-term - local effects, inhalation	221 mg/m³ ECHA
DNEL/DMEL (General population)	
Acute - systemic effects, inhalation	260 mg/m³ ECHA
Acute - local effects, inhalation	260 mg/m³ ECHA
Long-term - systemic effects,oral	12,5 mg/kg bodyweight/day ECHA
Long-term - systemic effects, inhalation	65,3 mg/m³ ECHA
Long-term - systemic effects, dermal	125 mg/kg bodyweight/day ECHA
Long-term - local effects, inhalation	65,3 mg/m³ ECHA
PNEC (Water)	
PNEC (freshwater)	0,327 mg/l ECHA
PNEC (marine water)	0,327 mg/l ECHA
PNEC (intermittent, freshwater)	0,327 mg/l ECHA
PNEC (Sediment)	
PNEC sediment (freshwater)	12,46 mg/kg dwt ECHA
PNEC sediment (marine water)	12,46 mg/kg dwt ECHA
PNEC (Soil)	
PNEC soil	2,31 mg/kg dwt ECHA

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Aromatic hydrocarbons, C8		
PNEC (STP)		
PNEC (sewage treatment plant)	6,58 mg/l ECHA	

Fatty acids, tall-oil, compounds with oleylar	nine (85711-55-3)	
DNEL/DMEL (Workers)		
Long-term - systemic effects, dermal	0,024 mg/kg bodyweight/day (ECHA)	
DNEL/DMEL (General population)		
Long-term - systemic effects,oral	0,012 mg/kg bodyweight/day (ECHA)	
Long-term - systemic effects, dermal	0,012 mg/kg bodyweight/day (ECHA)	
PNEC (Oral)		
PNEC oral (secondary poisoning)	0,47 mg/kg (ECHA)	

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Ensure good ventilation of the work station. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Avoid all unnecessary exposure. Restrict access to authorized staff during the use and the cleaning processes.

8.2.2. Personal protection equipment

Personal protective equipment:

Gloves. Safety glasses. Protective clothing.

Personal protective equipment symbol(s):







8.2.2.1. Eye and face protection

Eye protection:

Chemical goggles. conform to EN 166 standard.

8.2.2.2. Skin protection

Skin and body protection:

Wear protective clothing suitable for the specific operational conditions. conform to EN 943, EN 14605 and EN ISO 13982 standards.

Hand protection:

Wear gloves chemically resistant to the substances listed in Section 3 of this SDS. We recommend the following materials. If needed, request our "Gloves safe use instructions".

Туре	Material	Permeation	Thickness (mm)	Standard
Gloves for extended use or reusable	Fluorinated elastomer (eg VITON) gloves, Multilayer laminate (e.g Silvershield 4H) gloves	5 (> 240 minutes), 6 (> 480 minutes)	According to the operational conditions	EN ISO 374

Other skin protection

Protective clothing:

Wear protective clothing suitable for the specific operational conditions. conform to EN 943, EN 14605 and EN ISO 13982 standards.

8.2.2.3. Respiratory protection

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. Mask conform to the EN136, EN140 and EN14387 standards, with cartridge or filter of type . A - High-boiling point, >65°C, organic compounds (brown)

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

Other information:

Do not eat, drink or smoke when using this product.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
Colour : Not available
Odour : Characteristic.

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Not available Odour threshold Not available Melting point Freezing point Not available **Boiling point** Not available **Explosive limits** Not available Lower explosive limit (LEL) Not available Upper explosive limit (UEL) Not available Flash point > 23 °C

Flash point : Between 23°C and 60°C (estimated)

Auto-ignition temperature Not available Decomposition temperature Not available Not available Viscosity, kinematic Not available Solubility Not available Partition coefficient n-octanol/water (Log Kow) Not available Vapour pressure at 20°C Not available Vapour pressure at 50°C Not available Density 2.939 Not available Vapour density

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

VOC content estimate : 392 g/l

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

May form flammable/explosive vapour-air mixture. Stable under normal conditions of use.

10.3. Possibility of hazardous reactions

None under normal use.

10.4. Conditions to avoid

Open flame. Overheating. Direct sunlight. Heat. Sparks. None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

None to our knowledge.

10.6. Hazardous decomposition products

Fume. Carbon monoxide. Carbon dioxide.

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
Skin corrosion/irritation : Not classified
Serious eye damage/irritation : Not classified

Respiratory or skin sensitisation : May cause an allergic skin reaction.

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Aromatic hydrocarbons, C8

IARC group 3 - Not classifiable

Reproductive toxicity : Not classified STOT-single exposure : Not classified

Aromatic hydrocarbons, C8

STOT-single exposure May cause respiratory irritation.

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Hydrocarbons, C9, aromatics STOT-single exposure

May cause drowsiness or dizziness. May cause respiratory irritation.

STOT-repeated exposure : Not classified

Aromatic hydrocarbons, C8

NOAEL (oral, rat, 90 days)

NOAEL (oral, rat, 90 days) 250 mg/kg bodyweight/day

NOAEC (inhalation, rat, vapour, 90 days) 4,35 mg/l

Unsaturated fatty acids (C18), trimers with 9-octadecen-1-amine, (Z) (147900-93-4)

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

7,1 mg/kg bodyweight/day

Very toxic to aquatic life.

Fatty acids, tall-oil, compounds with oleylamine (85711-55-3)

LOAEL (oral, rat, 90 days) 7,1 mg/kg bodyweight/day OCDE 422

May cause damage to organs (digestive system) through prolonged or repeated exposure (if STOT-repeated exposure swallowed).

Aspiration hazard : Not classified

11.2. Information on other hazards

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

Ecology - water Very toxic to aquatic life with long lasting effects.

Hazardous to the aquatic environment, short-term Hazardous to the aquatic environment, long-term

: Very toxic to aquatic life with long lasting effects.

(chronic)

12.2. Persistence and degradability

GALVA MAT en pot	
Persistence and degradability	May cause long-term adverse effects in the environment.
Aromatic hydrocarbons, C8	
Persistence and degradability	Readily biodegradable.
Biodegradation	87,8 % 28d
Hydrocarbons, C9, aromatics	
Persistence and degradability	Readily biodegradable. May cause long-term adverse effects in the environment.
Biodegradation	78 % 28d
Unsaturated fatty acids (C18) trimors with 9-c	octadecen-1-amine (7) (147900-93-4)

Insaturated fatty acids (C18), trimers with 9-octadecen-1-amine, (Z) (147900-93-4)

Persistence and degradability Poorly biodegradable. May cause long-term adverse effects in the environment.

Fatty acids, tall-oil, compounds with oleylamine (85711-55-3)

Persistence and degradability Readily biodegradable

Biodegradation 87 % 28d

12.3. Bioaccumulative potential

Aromatic hydrocarbons, C8	
Bioconcentration factor (BCF REACH)	25,9
Partition coefficient n-octanol/water (Log Pow)	3,16
Partition coefficient n-octanol/water (Log Kow)	3,16

Considered not bioaccumulable. Bioaccumulative potential

Hydrocarbons, C9, aromatics

Not established. Bioaccumulative potential

Unsaturated fatty acids (C18), trimers with 9-octadecen-1-amine, (Z) (147900-93-4)

Not established. Bioaccumulative potential

Fatty acids, tall-oil, compounds with oleylamine (85711-55-3)

Not established. Bioaccumulative potential

12.4. Mobility in soil

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Not established.

Aromatic hydrocarbons, C8

Organic Carbon Normalized Adsorption Coefficient (Log2,73

Koc)

Not established. Ecology - soil

Hydrocarbons, C9, aromatics

Ecology - soil Not established.

Zinc oxide (1314-13-2)

Organic Carbon Normalized Adsorption Coefficient (Log2,2

Koc)

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Unsaturated fatty a	cids (C18), trimers with 9-octadecen-1-amine, (Z) (147900-93-4)	
Ecology - soil	Not established.	
Eatty saids tall ail	compounds with clayloming (95744 55 2)	

Fatty acids, tall-oil, compounds with oleylamine (85711-55-3) Ecology - soil Not established.

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		
Aromatic hydrocarbons, C8	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	
Hydrocarbons, C9, aromatics	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	
Unsaturated fatty acids (C18), trimers with 9-	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII	
octadecen-1-amine, (Z) (147900-93-4)	This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII	
Fatty acids, tall-oil, compounds with oleylamine	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII	
(85711-55-3)	This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII	

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

Additional information Ecology - waste materials

- Dispose in a safe manner in accordance with local/national regulations.
- Handle empty containers with care because residual vapours are flammable. Uncleaned containers must be considered as hazardous products, in the same way as the product contained therein.
- Avoid release to the environment.
- European List of Waste (LoW) code 08 01 11* - waste paint and varnish containing organic solvents or other dangerous substances

SECTION 14: Transport information

No supplementary information available

14.1. UN number or ID number

UN-No : 1263

14.2. UN proper shipping name

Proper Shipping Name : Paint

14.3. Transport hazard class(es)

: 3 - Flammable liquids Class (ADR)

Danger labels : 3



14.4. Packing group

: III Packing group

14.5. Environmental hazards

Dangerous for the environment : Yes Marine pollutant : Yes



14.6. Special precautions for user

14.6.1. Overland transport

Classification code (ADR)

: 163, 640E, 650, 367 Special provisions (ADR)

Limited quantities (ADR) : 51 : E1

Excepted quantities (ADR)

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

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: TP1, TP29

30

263

: 163, 223, 955, 367

: LGBF

: FL

: V12

: S2

30

: 5 L

: E1 : P001, LP01

: PP1 : IBC03

T2 : TP1, TP29

: F-E

S-E

: A

: 3

Portable tank and bulk container special provisions (ADR)

Tank code (ADR) Vehicle for tank carriage Transport category (ADR)

Special provisions for carriage - Packages (ADR) Special provisions for carriage - Operation (ADR) Hazard identification number (Kemler No.)

Orange plates

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

14.6.2. Transport by sea

Special provisions (IMDG)

Limited quantities (IMDG) Excepted quantities (IMDG) Packing instructions (IMDG) Special packing provisions (IMDG) IBC packing instructions (IMDG) Tank instructions (IMDG) Tank special provisions (IMDG)

EmS-No. (Fire) EmS-No. (Spillage) Stowage category (IMDG)

14.6.3. Air transport

CAO packing instructions (IATA) : 366 CAO max net quantity (IATA) : 220L PCA packing instructions (IATA) : 355 PCA Limited quantities (IATA) : Y344 PCA limited quantity max net quantity (IATA) : 10L PCA max net quantity (IATA) : 60L PCA Excepted quantities (IATA) : E1

Special provisions (IATA) : A3, A72, A192

ERG code (IATA) : 3L

14.6.4. Inland waterway transport

Classification code (ADN) : F1

Special provisions (ADN) : 163, 367, 640E, 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)

14.7. Maritime transport in bulk according to IMO instruments

Not established.

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 substance with Annex XVII restrictions

Contains no substance on the REACH candidate list

Organic solvent

Contains no REACH Annex XIV substance

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

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

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

VOC content estimate

European VOC content limit value (Directive: Subcategory A/i(SB): One-pack performance coatings. In its ready to use condition: maximum 2004/42/CE - Annex II-Part A)

500g/l.

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15.1.2. National regulations

France

Code	Occupational diseases chart
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

N° ICPE	Classified Installations for the Protection of the Environment (ICPE) Désignation de la rubrique	Code Régime	Rayon
4510	4510 : Dangereux pour l'environnement aquatique de catégorie aiguë 1 ou chronique 1 (H400 ou H410)		

Germany

Water hazard class (WGK) : Not classified according to Regulation Governing Systems for Handling Substances Hazardous to

Waters (AwSV)

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

Switzerland

Storage class (LK) : LK 3 - Flammable liquids

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Data sources

REGULATION (EC) 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (CLP), amending REGULATION (EC) 1907/2006 (REACh).

Full text of H- and EUH-statements:		
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4	
Acute Tox. 4 (Inhalation:vapour)	Acute toxicity (inhalation:vapour) Category 4	
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1	
Aquatic Acute Not classified	Hazardous to the aquatic environment – Acute Hazard Not classified	
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 Not classified	Hazardous to the aquatic environment – Chronic Hazard Not classified	
Asp. Tox. 1	Aspiration hazard, Category 1	
Carc. Not classified	Carcinogenicity Not classified	
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	
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.	
H332	Harmful if inhaled.	
H335	May cause respiratory irritation.	
H336	May cause drowsiness or dizziness.	
H373	May cause damage to organs through prolonged or repeated exposure.	

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Full text of H- and EUH-statements:		
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.	
Muta. Not classified	Germ cell mutagenicity Not classified	
Skin Irrit. 2	Skin corrosion/irritation, Category 2	
Skin Sens. 1	Skin sensitisation, Category 1	
Skin Sens. 1A	Skin sensitisation, category 1A	
STOT RE 2	Specific target organ toxicity – Repeated exposure, Category 2	
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation	

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.

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