

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 SDS Reference number: FPDL9202 Issue date: 6/5/2014 Revision date: 11/9/2023 Supersedes version of: 5/5/2022 Version: 4.0

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

#### 1.1. Product identifier

Product form : Mixture

Trade name : Dymalink® 9202
Product group : Trade product

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

#### 1.2.1. Relevant identified uses

\_\_\_

Use of the substance/mixture : Polymers

#### 1.2.2. Uses advised against

No additional information available

#### 1.3. Details of the supplier of the safety data sheet

#### Supplier

Resin Solutions, LLC 665 Stockton Drive, Suite 100

Exton, PA 19341

USA

T+1-484-284-8989

product.stewardship@resinsolutions.com -

https://www.resinsolutions.com/

#### **European Representative**

Resin Solutions Italia Srl Via Baiona 107 48123 RAVENNA

ITALY

T +39 0544 459022

product.stewardship@resinsolutions.com -

https://www.resinsolutions.com/

## 1.4. Emergency telephone number

Emergency number

- : Emergency call Carechem 24 International :
  - for English speaking countries: +44 (0) 1235 239 670
  - for Europe (in local languages): + 33 1 49 00 00 49
  - for Africa and Middle East: + 44 (0) 1235 239 671
  - for China: 400 120 6011
  - for Asia Pacific (Hong-Kong, Singapore, Taiwan, Philippines, India, Vietnam, Sri Lanka,

Japan, Korea, Malaysia, Indonesia, Thailand):

+ 65 3158 1074

Country	Organisation/Company	Address	Emergency number	Comment
Ireland	National Poisons Information Centre Beaumont Hospital	PO Box 1297 Beaumont Road 9 Dublin	+353 1 809 2566 (Healthcare professionals- 24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7)	
United Kingdom	National Poisons Emergency number		08 45 46 47	

## **SECTION 2: Hazards identification**

#### 2.1. Classification of the substance or mixture

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

Acute toxicity (oral), Category 4	H302
Skin corrosion/irritation, Category 1, Sub-Category 1B	H314
Serious eye damage/eye irritation, Category 1	H318
Skin sensitisation, Category 1	H317
Hazardous to the aquatic environment – Acute Hazard, Category 1	H400
Hazardous to the aquatic environment – Chronic Hazard, Category 1	H410

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

#### Adverse physicochemical, human health and environmental effects

Harmful if swallowed. Causes severe skin burns and eye damage. May cause an allergic skin reaction. Very toxic to aquatic life with long lasting effects.

## 2.2. Label elements

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

Hazard pictograms (CLP)



Signal word (CLP) : Danger

Hazard statements (CLP) : H302 - Harmful if swallowed.

H314 - Causes severe skin burns and eye damage.

H317 - May cause an allergic skin reaction.

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

Precautionary statements (CLP) : P260 - Do not breathe dust.

P264 - Wash hands, forearms and face thoroughly after handling.

P273 - Avoid release to the environment.

P280 - Wear eye protection/face protection, protective gloves, protective clothing. P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with water or shower.

 ${\sf P305+P351+P338-IF\ IN\ EYES:\ Rinse\ cautiously\ with\ water\ for\ several\ minutes.\ Remove}$ 

contact lenses, if present and easy to do. Continue rinsing. P310 - Immediately call a POISON CENTER or doctor.

P362+P364 - Take off contaminated clothing and wash it before reuse.

P391 - Collect spillage.

P501 - Dispose of contents and container to hazardous or special waste collection point, in

accordance with local, regional, national and/or international regulation.

#### 2.3. Other hazards

Other hazards which do not result in classification

: Combustible Dust. Dust may form explosive mixture in air. Dust from this product may cause respiratory irritation. Thermal decomposition products are produced at elevated temperatures and these may be flammable.

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

Component		
Zinc acrylate (14643-87-9 )	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	
Docusate sodium (577-11-7)	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	
hydroquinone (123-31-9)	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 substance(s) 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 Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

## **SECTION 3: Composition/information on ingredients**

#### 3.1. Substances

Not applicable

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#### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Zinc acrylate substance with national workplace exposure limit(s) (AT, BE, CZ, DE, DK, ES, GB, HR, IE, NL, PL, SE, SI, SK)	CAS-No.: 14643-87-9 EC-No.: 238-692-3 REACH-no: 01-2120764006- 59	40 – 60	Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
substance with national workplace exposure limit(s) (AT, BE, BG, CZ, DK, EE, ES, FI, GR, HR, HU, IE, LT, LV, PL, PT, RO, SE, SK, IS, NO, MK, CH)	CAS-No.: 1314-13-2 EC-No.: 215-222-5	0,1 - 12	Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Docusate sodium substance with national workplace exposure limit(s) (RO)	CAS-No.: 577-11-7 EC-No.: 209-406-4 REACH-no: 01-2119491296- 29	0.075 – 0.09	Skin Irrit. 2, H315 Eye Dam. 1, H318
hydroquinone substance with national workplace exposure limit(s) (AT, BE, BG, CZ, DK, EE, ES, FI, FR, GB, GR, HR, IE, LT, PL, PT, RO, SE, SK, IS, NO, MK, CH)	CAS-No.: 123-31-9 EC-No.: 204-617-8 EC Index-No.: 604-005-00-4 REACH-no: 01-2119524016- 51	< 0.1	Carc. 2, H351 Muta. 2, H341 Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400 (M=10)

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 after inhalation : Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact : Wash immediately with plenty of soap and water. Remove immediately contaminated

clothing. Get immediate medical advice/attention.

First-aid measures after eye contact : Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact

lenses, if present and easy to do. Continue rinsing. Immediately call a POISON

CENTER/doctor.

First-aid measures after ingestion : Rinse mouth out with water. Get immediate medical advice/attention.

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

Symptoms/effects after inhalation : Dust from this product may cause respiratory irritation.

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

Symptoms/effects after eye contact : Causes serious eye damage.

Symptoms/effects after ingestion : Burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.

## 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 or fog. Carbon dioxide. Foam. Dry chemical. Dry powder. Sand.

Unsuitable extinguishing media : Use of heavy stream of water may spread fire.

## 5.2. Special hazards arising from the substance or mixture

Fire hazard : Vapors generated from overheating/melting/decomposition may be flammable and may

cause fire/explosion if source of ignition is present.

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Explosion hazard : Potential dust explosion hazard. When dust becomes airborne and is exposed to an ignition

source, sufficient combustible/flammable dust may exist to burn in the open or explode if confined. Local exhaust and general room ventilation are both essential to prevent

accumulation of flammable vapour or dust mixtures.

Hazardous decomposition products in case of fire : Carbon oxides (CO, CO2). Metallic oxides. Metallic peroxides. Toxic fumes.

#### 5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Avoid raising powdered materials

into airborne dust, creating an explosion hazard. Apply aqueous extinguishing media carefully to prevent frothing/steam explosion. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment. Fight fire from safe distance

and protected location.

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Complete protective

clothing. Self-contained breathing apparatus.

## **SECTION 6: Accidental release measures**

## 6.1. Personal precautions, protective equipment and emergency procedures

General measures : No flames, no sparks. Eliminate all sources of ignition.

#### 6.1.1. For non-emergency personnel

Emergency procedures for non-emergency personnel

: Ensure adequate ventilation. Avoid contact with skin, eyes and clothing. Do not breathe dust. Evacuate unnecessary personnel. Remove ignition sources. Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

#### 6.1.2. For emergency responders

Emergency procedures for emergency responders : No additional requirement.

#### 6.2. Environmental precautions

Avoid release to the environment. Notify authorities if product enters sewers or public waters.

#### 6.3. Methods and material for containment and cleaning up

For containment : Sweep up or vacuum up the product. Avoid creating or spreading dust.

Methods for cleaning up : Dispose of materials or solid residues at an authorized site.

#### 6.4. Reference to other sections

See section 8. Exposure controls/personal protection.

## **SECTION 7: Handling and storage**

## 7.1. Precautions for safe handling

Precautions for safe handling : Avoid all contact with skin, eyes, or clothing. Do not breathe dust. Ensure good ventilation of

the work station. Wear personal protective equipment. Avoid raising powdered material due to explosion hazard. Prevent the build-up of electrostatic charge. Use only non-sparking tools. Handling this product may result in electrostatic accumulation. Use proper grounding procedures. The plastic packaging film used to secure bags of material on pallets can also develop static electricity -- remove packaging film in an area free from ignitable vapors/dust.

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

## 7.2. Conditions for safe storage, including any incompatibilities

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

at room temperature. Protect from moisture. May polymerize on exposure to temperature

rise. Keep away from sources of ignition.

Incompatible materials : Strong reducing agents. Strong oxidizing agents.

Storage temperature : 10 - 32 °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

## 8.1.1 National occupational exposure and biological limit values

Dymalink® 9202		
USA - ACGIH - Occupational Exposure Limits		
ACGIH OEL TWA	10 mg/m³ (inhalable dust) 3 mg/m³ (respirable dust)	
Remark (ACGIH)	Particulates, not otherwise classified	
Zinc acrylate (14643-87-9 )		
Ireland - Occupational Exposure Limits		
OEL TWA [1]	10 mg/m³ inhalable dust 1 mg/m³ respirable dust	
United Kingdom - Occupational Exposure Limits		
WEL TWA (OEL TWA) [1]	10 mg/m³ inhalable dust	
hydroquinone (123-31-9)		
Ireland - Occupational Exposure Limits		
Local name	Hydroquinone [p-Dihydroxybenzene]	
OEL TWA [1]	0.5 mg/m³	
Remark	Sens. (In the workplace respiratory or dermal exposures to sensitising agents may occur. Sensitizers may evoke respiratory or dermal reactions, e.g. asthma, rhinitis and allergic contact dermatitis. The notation does not distinguish between respiratory or dermal sensitisation. Chemical agents that are sensitizers present special problems in the workplace. Should an employee become sensitised, subsequent exposure may cause intense responses, even at low exposure concentrations well below the OELV. Exposure should be eliminated or significantly reduced through control measures such as engineering and process controls and use of personal protective equipment (PPE))	
Regulatory reference Chemical Agents Code of Practice 2021		
United Kingdom - Occupational Exposure Limits		
Local name	Hydroquinone	
WEL TWA (OEL TWA) [1]	0.5 mg/m³	
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE	
USA - ACGIH - Occupational Exposure Limits		
Local name	Hydroquinone	
ACGIH OEL TWA	1 mg/m³	
Remark (ACGIH)	TLV® Basis: Eye irr; eye dam. Notations: DSEN; A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)	
ACGIH chemical category Sensitizer		
Regulatory reference	ACGIH 2023	

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(1314-13-2)				
Ireland - Occupational Exposure Limits				
Local name	Zinc oxide, fume			
OEL TWA [1]	2 mg/m³ R (Respirable Fraction)			
OEL STEL	10 mg/m³			
Regulatory reference Chemical Agents Code of Practice 2021				
USA - ACGIH - Occupational Exposure Limits				
Local name Zinc oxide				
ACGIH OEL TWA	2 mg/m³ (respirable particulate matter)			
ACGIH OEL STEL 10 mg/m³ (respirable particulate matter)				
Remark (ACGIH) TLV® Basis: Metal fume fever				
Regulatory reference ACGIH 2023				

#### 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

No additional information available

#### 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. Safety shower. Eye fountain.

#### 8.2.2. Personal protection equipment

#### Personal protective equipment symbol(s):





#### 8.2.2.1. Eye and face protection

## Eye protection:

Chemical goggles or face shield

#### 8.2.2.2. Skin protection

#### Skin and body protection:

Wear suitable protective clothing

## Hand protection:

Protective gloves. Do not use natural rubber gloves. Product used with solvents: wear thick (> 0.5 mm) nitrile gloves. Replace gloves immediately when torn or any change in appearance (dimension, colour, flexibility, etc) is noticed

## 8.2.2.3. Respiratory protection

#### Respiratory protection:

Appropriate dust or mist respirator should be used if airborne particles are generated when handling this material

#### 8.2.2.4. Thermal hazards

No additional information available

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#### 8.2.3. Environmental exposure controls

No additional information available

## **SECTION 9: Physical and chemical properties**

## 9.1. Information on basic physical and chemical properties

Physical state : Solid Colour White. · Pellet Appearance Odour : Slightly acidic. Odour threshold : Not available Melting point : Not available Freezing point : Not applicable Initial boiling point and boiling range : Not applicable Flammability : Non flammable. **Explosive limits** : Not applicable Lower explosion limit : Not applicable Upper explosion limit : Not applicable Flash point : Not applicable Auto-ignition temperature : Not applicable Decomposition temperature : Not available : Not applicable pH solution : Not available Viscosity, kinematic : Not applicable : Not applicable Viscosity, dynamic : Water: Insoluble Solubility Partition coefficient n-octanol/water (Log Kow) : Not available Vapour pressure : Not applicable Vapour pressure at 50°C : Not available Density : Not available Relative density : Not available Relative vapour density at 20°C : Not applicable Particle size Not available Particle size distribution : Not available Particle shape : Not available

Particle dustiness

## 9.2. Other information

Particle aspect ratio

Particle aggregation state

Particle agglomeration state Particle specific surface area

#### 9.2.1. Information with regard to physical hazard classes

No additional information available

## 9.2.2. Other safety characteristics

No additional information available

## **SECTION 10: Stability and reactivity**

#### 10.1. Reactivity

Unstable. Inhibitor usually added.

## 10.2. Chemical stability

Stable under use and storage conditions as recommended in section 7.

: Not available : Not available

: Not available

: Not available

: Not available

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## 10.3. Possibility of hazardous reactions

May ignite spontaneously if exposed to air. Dust may form explosive mixture in air. May polymerize. To avoid thermal decomposition, do not overheat. Thermal decomposition products are produced at elevated temperatures and these may be flammable.

## 10.4. Conditions to avoid

Avoid the build-up of electrostatic charge. Avoid dust formation. High temperature. Direct sunlight. Sparks. Open flame.

## 10.5. Incompatible materials

Respiratory or skin sensitisation

Germ cell mutagenicity

Reproductive toxicity

Carcinogenicity

Strong reducing agents. Strong oxidizing agents.

## 10.6. Hazardous decomposition products

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

#### **SECTION 11: Toxicological information**

SECTION 11: Toxicological information					
11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008					
Acute toxicity (dermal) : Acute toxicity (inhalation) :	Harmful if swallowed. Not classified (Based on available data, the classification criteria are not met) Not classified (Based on available data, the classification criteria are not met)				
Dymalink® 9202					
ATE CLP (oral)	1135.244 mg/kg bodyweight				
Zinc acrylate (14643-87-9)					
LD50 oral rat	668 mg/kg (Results obtained on a similar product)				
LD50 dermal rat	> 2000 mg/kg (Results obtained on a similar product)				
ATE CLP (oral)	668 mg/kg bodyweight				
Docusate sodium (577-11-7)					
LD50 oral rat	3080 mg/kg (Source: EPA_HPV)				
LD50 dermal rabbit	> 10000 mg/kg (Source: CHEMVIEW)				
hydroquinone					
LD50 dermal rabbit	74800 mg/kg (Source: JAPAN_GHS)				
(1314-13-2)					
LD50 oral rat	> 5000 mg/kg				
LD50 dermal rat	> 2000 mg/kg (Source: ECHA_API)				
LC50 inhalation rat	> 5700 mg/m³ (Exposure time: 4 h Source: ECHA_API)				
Skin corrosion/irritation :	Causes severe skin burns. pH: Not applicable				
(1314-13-2)					
pH	6.95 (American Process)				
Serious eye damage/irritation :	Causes serious eye damage. pH: Not applicable				
(1314-13-2)	(1314-13-2)				
рН	6.95 (American Process)				

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: Not classified (Based on available data, the classification criteria are not met)

Not classified (Based on available data, the classification criteria are not met)Not classified (Based on available data, the classification criteria are not met)

: May cause an allergic skin reaction.

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STOT-single exposure : Not classified (Based on available data, the classification criteria are not met)
STOT-repeated exposure : Not classified (Based on available data, the classification criteria are not met)

Aspiration hazard : Not classified (Technical impossibility to obtain the data)

tophation nazara .	The diagonal (Formion impossionly to obtain the data)	
Dymalink® 9202		
Viscosity, kinematic	Not applicable	

#### 11.2. Information on other hazards

## 11.2.1. Endocrine disrupting properties

Adverse health effects caused by endocrine disrupting properties

: The mixture does not contain substance(s) 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 Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

#### 11.2.2. Other information

Potential adverse human health effects and

symptoms

ects and : Dust from this product may cause respiratory irritation

Other information

: Likely routes of exposure: ingestion, inhalation, skin and eye

## **SECTION 12: Ecological information**

## 12.1. Toxicity

Ecology - general : Do not allow product to spread into the environment.

Hazardous to the aquatic environment, short–term

(acute)

: Very toxic to aquatic life.

Hazardous to the aquatic environment, long-term (chronic)

: Very toxic to aquatic life with long lasting effects.

Docusate sodium (577-11-7)		
LC50 - Fish [1]	20 – 40 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [semi-static] Source: EPA)	
LC50 - Fish [2] < 24 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static] Source: E		
EC50 - Crustacea [1] 36 mg/l (Exposure time: 48 h - Species: Daphnia magna)		
hydroquinone		
EC50 72h - Algae [1] 0.335 mg/l (Species : Pseudokirchneriella subcapitata)		
(1314-13-2)		
LC50 - Fish [1] 1.55 mg/l (Exposure time: 96 h - Species: Danio rerio [static] Source: ECHA)		

#### 12.2. Persistence and degradability

No additional information available

## 12.3. Bioaccumulative potential

Docusate sodium (577-11-7)		
BCF - Fish [1]	3.47 – 3.78	

## 12.4. Mobility in soil

No additional information available

#### 12.5. Results of PBT and vPvB assessment

No additional information available

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## 12.6. Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties

: The mixture does not contain substance(s) 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 Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

#### 12.7. Other adverse effects

No additional information available

## **SECTION 13: Disposal considerations**

## 13.1. Waste treatment methods

Waste treatment methods

: Dispose of in accordance with the European Directives on waste and hazardous waste. Empty containers should be taken for recycling, recovery or waste in accordance with local regulation.

Product/Packaging disposal recommendations

: Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

European List of Waste (LoW, EC 2150/2002)

: According to the European Waste Catalogue, Waste Codes are not product specific, but application specific

Waste codes should be assigned by the user based on the aplication for which the product was used

## **SECTION 14: Transport information**

ADR	IMDG	IATA	ADN	RID	
14.1. UN number or ID number					
14.1. OR Humber of ID II	umber	I			
UN 3077	UN 3077	UN 3077	UN 3077	UN 3077	
14.2. UN proper shipping	g name				
ENVIRONMENTALLY	ENVIRONMENTALLY	Environmentally hazardous	ENVIRONMENTALLY	ENVIRONMENTALLY	
HAZARDOUS	HAZARDOUS	substance, solid, n.o.s.	HAZARDOUS	HAZARDOUS	
SUBSTANCE, SOLID,	SUBSTANCE, SOLID,		SUBSTANCE, SOLID,	SUBSTANCE, SOLID,	
N.O.S.	N.O.S.		N.O.S.	N.O.S.	
Transport document descri	iption				
UN 3077	UN 3077	UN 3077 Environmentally	UN 3077	UN 3077	
ENVIRONMENTALLY	ENVIRONMENTALLY	hazardous substance, solid,	ENVIRONMENTALLY	ENVIRONMENTALLY	
HAZARDOUS	HAZARDOUS	n.o.s. (zinc salts), 9, III	HAZARDOUS	HAZARDOUS	
SUBSTANCE, SOLID,	SUBSTANCE, SOLID,		SUBSTANCE, SOLID,	SUBSTANCE, SOLID,	
N.O.S. (Zinc acrylate), 9, III,	N.O.S. (ZINC SALTS), 9,		N.O.S. (Zinc acrylate), 9, III	N.O.S. (Zinc acrylate), 9, III	
(-)	III, MARINE POLLUTANT				
14.3. Transport hazard class(es)					
9	9	9	9	9	
				•	
14.4. Packing Group					
III	III	III	III	III	

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ADR	IMDG	IATA	ADN	RID
14.5. Environmental hazards				
Dangerous for the environment: Yes	Dangerous for the environment: Yes Marine Pollutant: Yes	Dangerous for the environment: Yes	Dangerous for the environment: Yes	Dangerous for the environment: Yes
No supplementary information available				

#### 14.6. Special precautions for user

#### **Overland transport**

Classification code (ADR) : M7

Special provisions (ADR) : 274, 335, 375, 601

Limited quantities (ADR) : 5kg
Excepted quantities (ADR) : E1

Packing instructions (ADR) : P002, IBC08, LP02, R001

Special packing provisions (ADR) : PP12, B3
Mixed packing provisions (ADR) : MP10

Portable tank and bulk container instructions (ADR) : T1, BK1, BK2, BK3

Portable tank and bulk container special provisions : TP33

(ADR)

Tank code (ADR) : SGAV, LGBV

Vehicle for tank carriage : AT

Transport category (ADR) : 3

Special provisions for carriage - Packages (ADR) : V13

Special provisions for carriage - Bulk (ADR) : VC1, VC2

Special provisions for carriage - Loading, unloading : CV13

and handling (ADR)

Hazard identification number (Kemler No.) : 90

Orange plates :

90 3077

: 5 kg

Tunnel restriction code (ADR) : -EAC code : 2Z

#### Transport by sea (IMDG)

Limited quantities (IMDG)

Special provisions (IMDG) : 274, 335, 966, 967, 969

Excepted quantities (IMDG) : E1

Packing instructions (IMDG) : LP02, P002

Special packing provisions (IMDG) : PP12

IBC packing instructions (IMDG) : IBC08

IBC special provisions (IMDG) : B3

Tank instructions (IMDG) : BK1, BK2, BK3, T1

Tank special provisions (IMDG) : TP33
EmS-No. (Fire) : F-A
EmS-No. (Spillage) : S-F
Stowage category (IMDG) : A
Stowage and handling (IMDG) : SW23

## Air transport (IATA)

PCA Excepted quantities (IATA) : E1
PCA Limited quantities (IATA) : Y956
PCA limited quantity max net quantity (IATA) : 30kgG
PCA packing instructions (IATA) : 956
PCA max net quantity (IATA) : 400kg
CAO packing instructions (IATA) : 956
CAO max net quantity (IATA) : 400kg

Special provisions (IATA) : A97, A158, A179, A197

ERG code (IATA) : 9L

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#### Inland waterway transport

Classification code (ADN) : M7

Special provisions (ADN) : 274, 335, 375, 601

Limited quantities (ADN) : 5 kg
Excepted quantities (ADN) : E1
Carriage permitted (ADN) : T\* B\*\*
Equipment required (ADN) : PP, A
Number of blue cones/lights (ADN) : 0

#### Rail transport

Classification code (RID) : M7

Special provisions (RID) : 274, 335, 375, 601

Excepted quantities (RID) : E1

Packing instructions (RID) : P002, IBC08, LP02, R001

Special packing provisions (RID) : PP12, B3
Mixed packing provisions (RID) : MP10

Portable tank and bulk container instructions (RID) : T1, BK1, BK2, BK3

Portable tank and bulk container special provisions : TP33

(RID)

Tank codes for RID tanks (RID) : SGAV, LGBV

Transport category (RID) : 3

Special provisions for carriage – Packages (RID) : W13

Special provisions for carriage – Bulk (RID) : VC1, VC2

Special provisions for carriage - Loading, unloading : CW13, CW31

and handling (RID)

Colis express (express parcels) (RID) : CE11 Hazard identification number (RID) : 90

#### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

## **SECTION 15: Regulatory information**

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

#### 15.1.1. EU-Regulations

#### **REACH Annex XVII (Restriction List)**

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

## **REACH Annex XIV (Authorisation List)**

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

#### **REACH Candidate List (SVHC)**

Contains no substance(s) listed on the REACH Candidate List

## PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

#### **POP Regulation (Persistent Organic Pollutants)**

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

#### Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

#### **Explosives Precursors Regulation (2019/1148)**

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

#### **Drug Precursors Regulation (273/2004)**

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

## 15.1.2. National regulations

No additional information available

## 15.2. Chemical safety assessment

For the following substances of this mixture a chemical safety assessment has been carried out: Zinc acrylate

## SECTION 16: Other information

Full text of H- and EUH-statements:			
Acute toxicity (oral), Category 4			
Hazardous to the aquatic environment – Acute Hazard, Category 1			
Hazardous to the aquatic environment – Chronic Hazard, Category 1			
Carcinogenicity, Category 2			
Serious eye damage/eye irritation, Category 1			
Harmful if swallowed.			
Causes severe skin burns and eye damage.			
Causes skin irritation.			
May cause an allergic skin reaction.			
Causes serious eye damage.			
Suspected of causing genetic defects.			
Suspected of causing cancer.			
Very toxic to aquatic life.			
Very toxic to aquatic life with long lasting effects.			
Germ cell mutagenicity, Category 2			
Skin corrosion/irritation, Category 1, Sub-Category 1B			
Skin corrosion/irritation, Category 2			
Skin sensitisation, Category 1			

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:			
Acute Tox. 4 (Oral)	H302	Calculation method	
Skin Corr. 1B	H314	Calculation method	
Eye Dam. 1	H318	Calculation method	
Skin Sens. 1	H317	Calculation method	
Aquatic Acute 1	H400	Calculation method	
Aquatic Chronic 1	H410	Calculation method	

Safety Data Sheet (SDS), EU