

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 SDS Reference number: FP17327 Issue date: 9/30/2014 Revision date: 11/9/2023 Supersedes version of: 5/4/2022 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® 9200 Type of product : Manufactured Product group : Trade product		nk® 9200 ictured		
1.2. Relevant id	entified uses of the substance or mix	ture and uses advised aga	ainst	
1.2.1. Relevant identified uses Use of the substance/mixture : Poly 1.2.2. Uses advised against No additional information available		rs		
1.3. Details of the	ne 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/ 1.4. Emergency telephone number		European Represer Resin Solutions Italia Via Baiona 107 48123 RAVENNA ITALY T +39 0544 459022 product.stewardship(https://www.resinsolu	ı Srl @ <u>resinsolutions.com</u> -	
Emergency number : Emergency call Carechem 24 In • for English speaking countries: • for Europe (in local languages) • for Africa and Middle East: + 4 • for China: 400 120 6011 • for Asia Pacific (Hong-Kong, S Japan, Korea, Malaysia, Indones + 65 3158 1074		glish speaking countries: +44 (0 irope (in local languages): + 33 rica and Middle East: + 44 (0) 12 iina: 400 120 6011 ia Pacific (Hong-Kong, Singapo Korea, Malaysia, Indonesia, Th)) 1235 239 670 1 49 00 00 49 235 239 671 re, Taiwan, Philippines, India,	Vietnam, Sri Lanka,
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

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Hazardous to the aquatic environment - Chronic Hazard, Category 1 H410 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)	
	GHS05 GHS07 GHS09
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.
	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

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

temperatures and these may be flammable.

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	80 – 100	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 – 20	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	0.15	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 First-aid measures after skin contact	 Remove person to fresh air and keep comfortable for breathing. 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 Symptoms/effects after skin contact Symptoms/effects after eye contact Symptoms/effects after ingestion	 Dust from this product may cause respiratory irritation. May cause an allergic skin reaction. Burns. Causes serious eye damage. 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 measure	9S
5.1. Extinguishing media	
Suitable extinguishing media Unsuitable extinguishing media	Water spray or fog. Carbon dioxide. Foam. Dry chemical. Dry powder. Sand.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 Hazardous decomposition products in case of fire	 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. Carbon oxides (CO, CO2). Metallic oxides. Metallic peroxides. Toxic fumes.
5.3. Advice for firefighters	
Firefighting instructions	: Fight fire from safe distance and protected location. 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.
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 Methods for cleaning up	Sweep up or vacuum up the product. Avoid creating or spreading dust.Dispose of materials or solid residues at an authorized site.	
6.4. Reference to other sections		
See section 8 Exposure controls/personal protect	ion	

See section 8. Exposure controls/personal protection.

SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Precautions for safe handling Hygiene measures	 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. Do not eat, drink or smoke when using this product. Always wash hands after handling the
7.2. Conditions for safe storage, including a	product.
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® 9200		
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/m ³	
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/m ³ R (Respirable Fraction)
OEL STEL	10 mg/m ³
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/m ³ (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

	hemical properties
hysical state	: Solid
olour	: White.
opearance	: Powder.
dour	: Slightly acidic.
dour threshold	: Not available
elting point	: Not available
reezing point	: Not applicable
itial boiling point and boiling range	: Not applicable
ammability	: Non flammable.
xplosive properties	: Dust may form explosive mixture in air. Explosion Index, Kst (bar. m/s) : > 100. Max.
	Explosive Pressure (Pmax), bar : < 7.5. Particle size: > 100 μm (~ 100%).
xplosive limits	: Not applicable
ower explosion limit	: Not applicable
pper explosion limit	: Not applicable
ash point	: Not applicable
uto-ignition temperature	: Not applicable
ecomposition temperature	: Not available
4	: Not applicable
H solution	: Not available
scosity, kinematic	: Not applicable
scosity, dynamic	: Not applicable
olubility	: Water: Slightly soluble
artition coefficient n-octanol/water (Log Kow)	: Not available
apour pressure	: Not applicable
apour pressure at 50°C	: Not available
ensity	: Not available
elative density	: 1.6
elative vapour density at 20°C	: Not applicable
article size	: Not available
article size distribution	: Not available
article shape	: Not available
article aspect ratio	: Not available
article aggregation state	: Not available
article agglomeration state	: Not available
article specific surface area	: Not available

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

Minimum ignition energy

: > 250 mJ (based on similar tested products)

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.

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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

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			
11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008			
Acute toxicity (dermal)	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® 9200			
ATE CLP (oral)	509.84 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)		
Skin corrosion/irritation :	Causes severe skin burns. pH: Not applicable		
(1314-13-2)			
рН	6.95 (American Process)		
Serious eye damage/irritation :	Causes serious eye damage. pH: Not applicable		

(1314-13-2)	
рН	6.95 (American Process)
Respiratory or skin sensitisation	May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	: Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met)
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)

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Dymalink® 9200	alink® 9200	
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	: 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			
Hazardous to the aquatic environment, short-term : (acute)	Do not allow product to spread into the environment. Very toxic to aquatic life. 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: EPA)		
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)		
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			
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 %		

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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 European List of Waste (LoW, EC 2150/2002)	 Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. 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

In accordance with ADR / IMDG / IATA / ADN / RID ADR IMDG ΙΑΤΑ ADN RID 14.1. UN number or ID number UN 3077 UN 3077 UN 3077 UN 3077 UN 3077 14.2. UN proper shipping 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. NOS N.O.S. N.O.S. **Transport document description** UN 3077 UN 3077 UN 3077 Environmentally UN 3077 UN 3077 ENVIRONMENTALLY ENVIRONMENTALLY hazardous substance, solid, ENVIRONMENTALLY ENVIRONMENTALLY HAZARDOUS HAZARDOUS HAZARDOUS n.o.s. (ZINC SALTS), 9, III HAZARDOUS SUBSTANCE, SOLID, SUBSTANCE, SOLID, SUBSTANCE, SOLID, SUBSTANCE, SOLID, N.O.S. (Zinc acrylate), 9, III, N.O.S. (Zinc acrylate), 9, III N.O.S. (Zinc acrylate), 9, III N.O.S. (ZINC SALTS), 9, **III, MARINE POLLUTANT** (-) 14.3. Transport hazard class(es) 9 9 9 9 9 14.4. Packing Group Ш ш Ш Ш Ш 14.5. Environmental hazards Dangerous for the environment: Yes environment: Yes environment: Yes environment: Yes environment: Yes Marine Pollutant: Yes No supplementary information available

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14.6. Special precautions for user

Overland transport

Overland transport		
Special provisions (ADR)	:	274, 335, 375, 601
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
Portable tank and bulk container special provisions	:	TP33
(ADR)		
Tank code (ADR)		SGAV, LGBV
Vehicle for tank carriage		AT
Special provisions for carriage - Packages (ADR)		V13
Special provisions for carriage - Bulk (ADR) Special provisions for carriage - Loading, unloading		VC1, VC2
and handling (ADR)	·	CV13
Orange plates	:	
Orange places	•	<u>90</u> 3077
		3077
FAC and		
EAC code	:	2Z
Transport by sea (IMDG)		274 225 000 007 000
Special provisions (IMDG)		274, 335, 966, 967, 969 LP02, P002
Packing instructions (IMDG)		PP12
Special packing provisions (IMDG) IBC special provisions (IMDG)		B3
Tank instructions (IMDG)		BK1, BK2, BK3, T1
Tank special provisions (IMDG)		TP33
Stowage and handling (IMDG)		SW23
	•	01120
Air transport (IATA)		
Special provisions (IATA)		A97, A158, A179, A197, A215
-F ()	-	
Inland waterway transport		
Classification code (ADN)	:	M7
Special provisions (ADN)	:	274, 335, 375, 601
Limited quantities (ADN)		5 kg
Excepted quantities (ADN)		-
Equipment required (ADN)	:	E1
Equipment required (ADN)	:	E1 PP, A
Number of blue cones/lights (ADN)	:	
	:	PP, A
	:	PP, A
Number of blue cones/lights (ADN)	:	PP, A
Number of blue cones/lights (ADN) Rail transport	::	PP, A 0
Number of blue cones/lights (ADN) Rail transport Classification code (RID)	::	PP, A 0 M7 274, 335, 375, 601 5kg
Number of blue cones/lights (ADN) Rail transport Classification code (RID) Special provisions (RID) Limited quantities (RID) Excepted quantities (RID)	· · · · · · · · · · · · · · · · · · ·	PP, A 0 M7 274, 335, 375, 601 5kg E1
Number of blue cones/lights (ADN) Rail transport Classification code (RID) Special provisions (RID) Limited quantities (RID) Excepted quantities (RID) Packing instructions (RID)	:::::::::::::::::::::::::::::::::::::::	PP, A 0 M7 274, 335, 375, 601 5kg E1 P002, IBC08, LP02, R001
Number of blue cones/lights (ADN) Rail transport Classification code (RID) Special provisions (RID) Limited quantities (RID) Excepted quantities (RID) Packing instructions (RID) Special packing provisions (RID)	· · · · · · · · · · · · · · · · · · ·	PP, A 0 M7 274, 335, 375, 601 5kg E1 P002, IBC08, LP02, R001 PP12, B3
Number of blue cones/lights (ADN) Rail transport Classification code (RID) Special provisions (RID) Limited quantities (RID) Excepted quantities (RID) Packing instructions (RID) Special packing provisions (RID) Mixed packing provisions (RID)		PP, A 0 M7 274, 335, 375, 601 5kg E1 P002, IBC08, LP02, R001 PP12, B3 MP10
Number of blue cones/lights (ADN) Rail transport Classification code (RID) Special provisions (RID) Limited quantities (RID) Excepted quantities (RID) Packing instructions (RID) Special packing provisions (RID) Mixed packing provisions (RID) Portable tank and bulk container instructions (RID)		PP, A 0 M7 274, 335, 375, 601 5kg E1 P002, IBC08, LP02, R001 PP12, B3 MP10 T1, BK1, BK2
Number of blue cones/lights (ADN) Rail transport Classification code (RID) Special provisions (RID) Limited quantities (RID) Excepted quantities (RID) Packing instructions (RID) Special packing provisions (RID) Mixed packing provisions (RID) Portable tank and bulk container instructions (RID) Portable tank and bulk container special provisions		PP, A 0 M7 274, 335, 375, 601 5kg E1 P002, IBC08, LP02, R001 PP12, B3 MP10
Number of blue cones/lights (ADN) Rail transport Classification code (RID) Special provisions (RID) Limited quantities (RID) Excepted quantities (RID) Packing instructions (RID) Special packing provisions (RID) Mixed packing provisions (RID) Portable tank and bulk container instructions (RID) Portable tank and bulk container special provisions (RID)		PP, A 0 M7 274, 335, 375, 601 5kg E1 P002, IBC08, LP02, R001 PP12, B3 MP10 T1, BK1, BK2 TP33
Number of blue cones/lights (ADN) Rail transport Classification code (RID) Special provisions (RID) Limited quantities (RID) Excepted quantities (RID) Packing instructions (RID) Packing instructions (RID) Special packing provisions (RID) Mixed packing provisions (RID) Portable tank and bulk container instructions (RID) Portable tank and bulk container special provisions (RID) Tank codes for RID tanks (RID)		PP, A 0 M7 274, 335, 375, 601 5kg E1 P002, IBC08, LP02, R001 PP12, B3 MP10 T1, BK1, BK2 TP33 SGAV, LGBV
Number of blue cones/lights (ADN) Rail transport Classification code (RID) Special provisions (RID) Limited quantities (RID) Excepted quantities (RID) Packing instructions (RID) Special packing provisions (RID) Mixed packing provisions (RID) Portable tank and bulk container instructions (RID) Portable tank and bulk container special provisions (RID) Tank codes for RID tanks (RID) Transport category (RID)		PP, A 0 M7 274, 335, 375, 601 5kg E1 P002, IBC08, LP02, R001 PP12, B3 MP10 T1, BK1, BK2 TP33 SGAV, LGBV 3
Number of blue cones/lights (ADN) Rail transport Classification code (RID) Special provisions (RID) Limited quantities (RID) Excepted quantities (RID) Packing instructions (RID) Packing provisions (RID) Mixed packing provisions (RID) Mixed packing provisions (RID) Portable tank and bulk container instructions (RID) Portable tank and bulk container special provisions (RID) Tank codes for RID tanks (RID) Transport category (RID) Special provisions for carriage – Packages (RID)		PP, A 0 M7 274, 335, 375, 601 5kg E1 P002, IBC08, LP02, R001 PP12, B3 MP10 T1, BK1, BK2 TP33 SGAV, LGBV 3 W13
Number of blue cones/lights (ADN) Rail transport Classification code (RID) Special provisions (RID) Limited quantities (RID) Excepted quantities (RID) Packing instructions (RID) Special packing provisions (RID) Mixed packing provisions (RID) Portable tank and bulk container instructions (RID) Portable tank and bulk container special provisions (RID) Tank codes for RID tanks (RID) Transport category (RID) Special provisions for carriage – Packages (RID) Special provisions for carriage – Bulk (RID)		PP, A 0 M7 274, 335, 375, 601 5kg E1 P002, IBC08, LP02, R001 PP12, B3 MP10 T1, BK1, BK2 TP33 SGAV, LGBV 3 W13 VC1, VC2
Number of blue cones/lights (ADN) Rail transport Classification code (RID) Special provisions (RID) Limited quantities (RID) Excepted quantities (RID) Packing instructions (RID) Special packing provisions (RID) Mixed packing provisions (RID) Portable tank and bulk container instructions (RID) Portable tank and bulk container special provisions (RID) Tank codes for RID tanks (RID) Transport category (RID) Special provisions for carriage – Packages (RID) Special provisions for carriage – Bulk (RID) Special provisions for carriage – Loading, unloading		PP, A 0 M7 274, 335, 375, 601 5kg E1 P002, IBC08, LP02, R001 PP12, B3 MP10 T1, BK1, BK2 TP33 SGAV, LGBV 3 W13
Number of blue cones/lights (ADN) Rail transport Classification code (RID) Special provisions (RID) Limited quantities (RID) Excepted quantities (RID) Packing instructions (RID) Special packing provisions (RID) Mixed packing provisions (RID) Portable tank and bulk container instructions (RID) Portable tank and bulk container special provisions (RID) Transport category (RID) Special provisions for carriage – Packages (RID) Special provisions for carriage – Bulk (RID) Special provisions for carriage – Loading, unloading and handling (RID)		PP, A 0 M7 274, 335, 375, 601 5kg E1 P002, IBC08, LP02, R001 PP12, B3 MP10 T1, BK1, BK2 TP33 SGAV, LGBV 3 W13 VC1, VC2 CW13, CW31
Number of blue cones/lights (ADN) Rail transport Classification code (RID) Special provisions (RID) Limited quantities (RID) Excepted quantities (RID) Packing instructions (RID) Special packing provisions (RID) Mixed packing provisions (RID) Portable tank and bulk container instructions (RID) Portable tank and bulk container special provisions (RID) Tank codes for RID tanks (RID) Transport category (RID) Special provisions for carriage – Packages (RID) Special provisions for carriage – Bulk (RID) Special provisions for carriage – Loading, unloading		PP, A 0 M7 274, 335, 375, 601 5kg E1 P002, IBC08, LP02, R001 PP12, B3 MP10 T1, BK1, BK2 TP33 SGAV, LGBV 3 W13 VC1, VC2

Safety Data Sheet

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

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)

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 Tox. 4 (Oral)	Acute toxicity (oral), 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	
Carc. 2	Carcinogenicity, Category 2	
Eye Dam. 1	Serious eye damage/eye irritation, Category 1	
H302	Harmful if swallowed.	
H314	Causes severe skin burns and eye damage.	
H315	Causes skin irritation.	
H317	May cause an allergic skin reaction.	
H318	Causes serious eye damage.	
H341	Suspected of causing genetic defects.	

Safety Data Sheet

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

Full text of H- and EUH-statements:		
H351	Suspected of causing cancer.	
H400	Very toxic to aquatic life.	
H410	Very toxic to aquatic life with long lasting effects.	
Muta. 2	Germ cell mutagenicity, Category 2	
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B	
Skin Irrit. 2	Skin corrosion/irritation, Category 2	
Skin Sens. 1	Skin sensitisation, Category 1	

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2		he classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:	
	Acute Tox 4 (Oral)	H302	Calculation method

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