

Version	Revision Date:	Print Date	Date of last issue: 15.11.2019
1.1	27.09.2021	28.09.2021	Date of first issue: 15.11.2019

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

1.1	Product identifier Trade name		Histolith Trass-Vorspritzputz	
1.2	Relevant identified uses of the	s	ubstance or mixture and uses advised ag	ainst
	Use of the Sub- stance/Mixture	:	Cement	
	Recommended restrictions on use	:	within adequate application - none	
1.3 Details of the supplier of the safety data sheet Company : Caparol Farben Lacke GmbH Roßdörfer Straße 50 64372 Ober-Ramstadt Telephone : +496154710				
	Telefax E-mail address Responsi- ble/issuing person	:	+4961547170222 msds@dr-rmi.com	
1.4	Emergency telephone			
	Emergency telephone 1 : +49613284463 GBK GmbH			
SE	CTION 2: Hazards identificat	tic	n	
2.1	Classification of the substance	e c	r mixture	
	Classification (REGULATION	(E	C) No 1272/2008)	
	Skin irritation, Category 2	•	H315: Causes skin irritation.	
	Serious eye damage, Category	1	H318: Causes serious eye dama	ge.
2.2	Label elements			
	Labeling (REGULATION (EC) Hazard pictograms :	N	1272/2008)	
	Signal Word :		Danger	
	Hazard Statements :		H315 Causes skin irritation.	



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Preca	utionary Statements		Causes serious eye damage. If medical advice is needed, have product container or t hand. Keep out of reach of children.
		Preve	•
		P260 P264 P280	Do not breathe dusts or mists. Wash skin thoroughly after handling. Wear protective gloves/ eye protection.
		Respo	nse:
		with was sent ar	 P351 + P338 + P310 IF IN EYES: Rinse cautiously ater for several minutes. Remove contact lenses, if pre- nd easy to do. Continue rinsing. Immediately call a ON CENTER/ doctor.

Hazardous ingredients which must be listed on the label:

Cement, portland, chemicals calcium dihydroxide

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

The product contains chromate reducers, as a result of which the water-soluble chromium (VI) content is less than 0,0002%. In the event of incorrect storage (ingress of moisture) or overlong storage, the chromate reducers contained in the product can lose their efficacy and a sensitising effect of the cement / binding agent may occur in the event of contact with the skin (H317 or EUH203).

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Components

Chemical name	CAS-No.	Classification	Concentration
	EC-No.		(% w/w)
	Index-No.		
	Registration number		
Cement, portland, chemicals	65997-15-1	Skin Sens. 1; H317	>= 10 - < 20



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		266-043-4	Skin Irrit. 2; H315 Eye Dam. 1; H318 STOT SE 3; H335	
calciu	ım dihydroxide	1305-62-0 215-137-3 01-211947515 01-211982253 01-21198620	34-42,	>= 3 - < 10
Flue	dust, portland cement	68475-76-3 270-659-9 01-211948676	Skin Sens. 1; H317 Skin Irrit. 2; H315 67-17 Eye Dam. 1; H318 STOT SE 3; H335	>= 0,1 - < 1

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first-aid measures

General advice	: Move out of dangerous area. First aider needs to protect himself. Never give anything by mouth to an unconscious person.
If inhaled	: If symptoms persist, call a physician. If breathed in, move person into fresh air.
In case of skin contac	: If symptoms persist, call a physician. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
In case of eye contact	 If eye irritation persists: Get medical advice/ attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If swallowed	: Seek medical advice. Clean mouth with water and drink afterwards plenty of water. If swallowed, DO NOT induce vomiting.
4.2 Most important symp	oms and effects, both acute and delayed
Risks	 Eye contact with the powder (dry or wet) may cause serious and potentially irreversible injuries. The powder (combined with perspiration) can form an alkaline solution. That may cause skin irritation.



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4.3 Indication of any immediate medical attention and special treatment needed

Treatment	:	Show this material safety data sheet to the doctor in attend-
		ance.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media	:	Not combustible.
Unsuitable extinguishing media	:	Not applicable

5.2 Special hazards arising from the substance or mixture

Specific hazards during fire fighting	: Even diluted mixed products containing cement can cause irritation. Aqueous cement suspensions have an alkaline effect.
5.3 Advice for firefighters	

Further information:Fire residues and contaminated fire extinguishing water must
be disposed of in accordance with local regulations.
The product itself does not burn.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions	: Ensure adequate ventilation.
	Avoid dust formation.

6.2 Environmental precautions

Environmental precautions	:	If the product contaminates rivers and lakes or drains inform
		respective authorities.
		Do not flush into surface water or sanitary sewer system.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up	:	Collect spilled product while avoiding dust formation and dispose of it as described in Section 13.
		Prevent dust from forming and collect any dust mechanically.

6.4 Reference to other sections

For personal protection see section 8., For further information see Section 7 of the safety data sheet. , For disposal considerations see section 13.



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SECTION 7: Handling and storage

7.1	Precautions for safe handling Advice on safe handling	-	For personal protection see section 8. Even diluted mixed products containing cement can cause irritation. Avoid contact with skin and eyes. Avoid creating dust. Please follow the technical information.
	Advice on protection against fire and explosion	:	The product is not flammable.
	Hygiene measures	:	Wash hands before eating, drinking, or smoking. Do not eat, drink or smoke when using this product.
7.2	Conditions for safe storage, i	inc	luding any incompatibilities
	Requirements for storage areas and containers	:	Observe label precautions. Keep in a dry, cool place.
	Advice on common storage	:	Never allow product to get in contact with water during stor- age. Do not store together with acids and ammonium salts.
	Storage class (TRGS 510)	:	13, Non Combustible Solids

Further information on stor- : Aqueous cement suspensions have an alkaline effect. age stability

7.3 Specific end use(s)

Specific use(s)	: This information is not available.
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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form	Control parameters	Basis
		of exposure)		
calcium dihydrox-	1305-62-0	TWA (Respirable	1 mg/m3	2017/164/EU
ide		fraction)		
	Further inform	nation: Indicative		
		STEL (Respira-	4 mg/m3	2017/164/EU
		ble fraction)		



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Fur	her information: Indicative		
	AGW (Inhalable	1 mg/m3	DE TRGS
	fraction)		900
Pea	k-limit category: 2;(I)		
tole (The pos	ther information: When there is rance values, there is no risk of e EU has established a limit va sible), Senate commission for gerous for the health (MAK-co	of harming the unbo alue: deviations in va the review of compo	rn child, European Union alue and peak limit are

Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

Substance name	End Use	Routes of expo-	Potential health ef-	Value
		sure	fects	
calcium dihydroxide	Workers	Inhalation	Acute systemic ef-	4,00 mg/m3
			fects	
	Workers	Inhalation	Acute local effects	4,00 mg/m3
	Workers	Inhalation	Long-term systemic	1,00 mg/m3
			effects	-
Flue dust, portland	Consumers	Inhalation	Acute local effects	4,00 mg/m3
cement				-
	Consumers	Inhalation	Long-term local ef-	1,00 mg/m3
			fects	-
	Workers	Inhalation	Acute local effects	4,00 mg/m3
	Workers	Inhalation	Long-term local ef-	1,00 mg/m3
			fects	5

Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:

Substance name	Environmental Compartment	Value
calcium dihydroxide	Intermittent use/release	356 µg/l
	Fresh water	356 µg/l
	Soil	1070 mg/kg dry
		weight (d.w.)
	Sea water	356 µg/l
Flue dust, portland cement	Sea water	3 µg/l
	Fresh water sediment	875
	Sea sediment	88
	Intermittent use/release	282 µg/l
	Soil	5 mg/kg dry
		weight (d.w.)
	Fresh water	28 µg/l
	Sewage treatment plant	6 mg/l

8.2 Exposure controls

Personal protective equipment

Eye protection

: If dust develops or there is a danger of splashing, use protective goggles with side protection.

German trade association rules - BGR 192 Eye protection



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		G	oggles	
Ma Bro Glo	protection aterial eak through time ove thickness otective index	: > : 0	itrile coated cotte 480 min ,8 mm Class 6	on gloves
Re	emarks	S		r of gloves handy. If the chemical has o the skin, the gloves must be removed and
Skin a	and body protection	 Remove and wash contaminated clothing before re- Choose body protection according to the amount and centration of the dangerous substance at the work pl Safety shoes Long sleeved clothing 		tection according to the amount and con- dangerous substance at the work place.
		S	kin should be w	ashed after contact.
Respi	ratory protection		o not breathe du reathing appara	ust. tus only if aerosol or dust is formed.
			German trade ass on	sociation rules - BGR 190 Breathing protec-
Fil	ter type	: F	lalf mask with a	particle filter P2 (EN 143)

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	:	powder
Color	:	No data available
Odor	:	cement-like
Odor Threshold	:	Not relevant
Melting point/freezing point	:	Not applicable
Boiling point/boiling range	:	Not applicable
Flammability	:	The product is not flammable.
Upper explosion limit / Upper flammability limit	:	not determined



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	Lower explosion limit / Lower flammability limit	:	not determined
	Flash point	:	Not applicable
	Autoignition temperature	:	not determined
	Decomposition temperature	:	Not applicable
	рН	:	substance/mixture reacts with water
	Viscosity Viscosity, dynamic	:	Not applicable
	Solubility(ies) Water solubility	:	insoluble
	Partition coefficient: n- octanol/water	:	not determined
	Vapor pressure	:	not determined
	Relative density	:	not determined
	Relative vapor density	:	not determined
9.2	Other information		
	Explosives	:	Not applicable
	Oxidizing properties	:	Not applicable
	Self-ignition	:	Not applicable
	Evaporation rate	:	Not applicable

SECTION 10: Stability and reactivity

10.1 Reactivity

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

Hazardous reactions : No dangerous reaction known under conditions of normal use.



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10.4 Conditions to avoid

Conditions to avoid	:	Exposure to air or moisture over prolonged periods.
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10.5 Incompatible materials

Materials to avoid

: humid air and water Aluminum Acids Ammonium salts

10.6 Hazardous decomposition products

No hazardous decomposition products are known.

SECTION 11: Toxicological information

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

Acute toxicity			
Product:			
Acute oral toxicity	:	Remarks: Based on available data, the classification criteria are not met.	
Acute inhalation toxicity	:	Remarks: Based on available data, the classification criteria are not met.	
Acute dermal toxicity	:	Remarks: Based on available data, the classification criteria are not met.	
Skin corrosion/irritation			
Product:			
Remarks	:	May cause skin irritation and/or dermatitis.	
Serious eye damage/eye ir	ritat	ion	
Product:			
Remarks	:	May cause irreversible eye damage.	
Respiratory or skin sensitization			
Product:			
Remarks	:	No data available	



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11.2 Information on other hazards

Endocrine disrupting properties

Assessment

: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 12: Ecological information

12.1 Toxicity

Product:	
Toxicity to fish	: Remarks: No data is available on the product itself.
12.2 Persistence and degrada	bility
No data available	
12.3 Bioaccumulative potentia	al de la constante de la const
No data available	
12.4 Mobility in soil	
No data available	
12.5 Results of PBT and vPvB	assessment
Product:	
Assessment	: This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.
12.6 Endocrine disrupting pro	perties
Product:	
Assessment	: The substance/mixture does not contain components consid- ered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.
12.7 Other adverse effects	

Product:



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SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product	Can be landfilled after concentration, when in compliance with local regulations.	
	Waste should not be disposed of via waster	water.
Contaminated packaging	Empty containers should be taken to an appeling site for recycling or disposal.	proved waste han-
Waste Code	used product 170904, mixed construction and demolition those mentioned in 17 09 01, 17 09 02 and	
	unused product 170903*, other construction and demolition mixed wastes) containing dangerous substa	(U

SECTION 14: Transport information

14.1 UN number or ID number

Not regulated as a dangerous good

14.2 UN proper shipping name

Not regulated as a dangerous good

14.3 Transport hazard class(es)

Not regulated as a dangerous good

14.4 Packing group

Not regulated as a dangerous good

14.5 Environmental hazards

Not regulated as a dangerous good

14.6 Special precautions for user

Remarks

: Not classified as dangerous in the meaning of transport regulations.

14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.



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SECTION 15: Regulatory information

15.1 Safety, health and environm ture	ental regulations/legislatio	n specific for the substance or mix-
REACH - Restrictions on the n the market and use of certain of preparations and articles (Ann	dangerous substances,	Not applicable
REACH - Candidate List of Su Concern for Authorization (Arti		This product is a mixture and does not contain Substances of Very High Concern (SVHC) equal or above 0.1%. Therefore no advised uses have to be defined and no chemical safety assessment has to be gener- ated.
Regulation (EC) No 1005/2009 plete the ozone layer	on substances that de-	Not applicable
Regulation (EU) 2019/1021 on tants (recast)	persistent organic pollu-	Not applicable
REACH - List of substances so (Annex XIV)	ubject to authorisation :	None
Seveso III: Directive 2012/18/E pean Parliament and of the Co control of major-accident haza dangerous substances.	ouncil on the	ot applicable
Water hazard class (Germa-	: 1 slightly water end	dangering
ny) Product code for laquers and paints / Giscode	: ZP1 Products containing	cement, low in chromate
	: ZP1 Products containing	cement, low in chromate
Volatile organic compounds	: < 0.1 % < 1 g/l	

15.2 Chemical Safety Assessment

A Chemical Safety Assessment is not required for this mixture.



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SECTION 16: Other information

Full text of H-Statements				
H315	:	Causes skin irritation.		
H317	:	May cause an allergic skin reaction.		
H318	:	Causes serious eye damage.		
H335	:	May cause respiratory irritation.		
Full text of other abbreviatio	ns			
Eye Dam.	:	Serious eye damage		
Skin Irrit.	:	Skin irritation		
Skin Sens.	:	Skin sensitization		
STOT SE	:	Specific target organ toxicity - single exposure		
2017/164/EU	:	Europe. Commission Directive 2017/164/EU establishing a		
		fourth list of indicative occupational exposure limit values		
DE TRGS 900	:	Germany. TRGS 900 - Occupational exposure limit values.		
2017/164/EU / STEL	:	Short term exposure limit		
2017/164/EU / TWA	:	Limit Value - eight hours		
DE TRGS 900 / AGW	:	Time Weighted Average		

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; Ec-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; IECSC - Inventory of Existing Chemicals Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Level; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regula

Further information

Other information:

No exposure scenario communication is required for this product according to REACH Regulation No. 1907/2006 EC.

Communication of Uses is not required in accordance with REACH Article 31(1)(a) - registered substances / mixtures do not meet the criteria for classification as hazardous in accordance with Regulations 1272/2008 EC or 1999/45/EC.

Sources of key data used to compile the Material Safety Data Sheet:

ECHA WebSite

ACGIH (American Conference of Government Industrial Hygienists). 2014 TLVs and BEIs. Threshold Limit Values (TLVs) for chemical substances and physical agents and Biological Exposure Indices (BEIs) with Seventh Edition documentation. 2014 ACGIH, Cincinnati OH NIOSH - Registry of toxic effects of chemical substances



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ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities

SAX'S - Dangerous properties of industrial materials

GESTIS - Database on hazardous substances - Institut für Arbeitsschutz der Deutschen Gesetzlichen Unfallversicherung (IFA, Institute for Occupational Safety and Health of the German Social Accident Insurance)

Toxnet - Toxicology Data Network

Classification of the	Classification procedure:	
Skin Irrit. 2	H315	Calculation method
Eye Dam. 1	H318	Calculation method

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

REACH Information

According to our legal obligation we implement the Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH). We will adjust and update our safety data sheets on a regular base in accordance with the information of our upstream-suppliers. As usual we will inform you about the adjustments.

Regarding to the REACH regulation we would like to point out that DAW as a downstream user will not register on behalf of our company. We will rely on information from our suppliers. As soon as new information is available our safety data sheets will be amended accordingly.

DE / EN