## SAFETY DATA SHEET

## MasterFlow 4316

Versio 1.0	n	Revision Date: 07/27/2020		DS Number: 00000539831	Date of last issue: - Date of first issue: 07/27/2020			
SECTION 1. IDENTIFICATION								
P	roduc	et name	:	MasterFlow 4316				
P	roduc	t code	:	00000000005043	00000000050434854 00000000050434854			
Manufacturer or supplier's			deta	ails				
С	ompa	any name of supplier	:	Master Builders-0 US, LLC	Construction Systems			
A	ddres	S	:	23700 CHAGRIN Beachwood OH 4				
E	merg	ency telephone	:	ChemTel: +1-813	-248-0585			
R	econ	nmended use of the c	hen	nical and restriction	ons on use			
R	ecom	imended use	:	Product for const	ruction chemicals			
R	estric	tions on use	:	Reserved for indu	ustrial and professional use.			

## SECTION 2. HAZARDS IDENTIFICATION

#### GHS classification in accordance with 29 CFR 1910.1200

Skin corrosion/irritation	:	2
Serious eye damage/eye irritation	:	Category 1
Carcinogenicity (Inhalation)	:	1A (Lung)
Specific target organ toxicity - repeated exposure (Inhala- tion)	:	2 (Kidney, Immune system)
Specific target organ toxicity - single exposure	:	3 (Respiratory system)
Specific target organ toxicity - repeated exposure (Inhala- tion)	:	Category 1
GHS label elements		
Hazard pictograms	:	
Signal Word	:	Danger
Hazard Statements	:	H318 Causes serious eye damage.

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		H350 May caus	se respiratory irritation. se cancer. lamage to organs through prolonged or repeated
Preca	utionary Statements	Prevention:	
		face protection. P201 Obtain sp P271 Use only P260 Do not br P202 Do not ha and understood P270 Do not ea	pecial instructions before use. outdoors or in a well-ventilated area. eathe dust or mist. andle until all safety precautions have been reac
		Response:	
		P305 + P351 + for several minuto to do. Continue P304 + P340 IF keep comfortab P303 + P352 IF and water. P362 + P364 T reuse.	FINHALED: Remove person to fresh air and ole for breathing. FON SKIN (or hair): Wash with plenty of soap ake off contaminated clothing and wash it before exposed or concerned: Call a POISON
		Storage:	
		P403 + P233 S tightly closed. P405 Store locl	tore in a well-ventilated place. Keep container ked up.
		Disposal:	
		-	of contents/container to appropriate hazardous n point.
Other	<sup>-</sup> hazards		
None	known.		

#### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature

: No applicable information available.

#### Components

Chemical name	CAS-No.	Concentration (% w/w)
Cement, portland, chemicals	65997-15-1	>= 25 - < 75
calcium oxide	1305-78-8	>= 1 - < 7
Quartz (SiO2)	14808-60-7	>= 0 - < 3
Iron oxide	1309-37-1	>= 0 - < 10

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magr	nesium oxide	1309-48-4	>= 0 - < 3
Lime	stone	1317-65-3	>= 0 - < 7
Silico	n dioxide	7631-86-9	>= 1 - < 5
Calci	um sulphate	7778-18-9	>= 0 - < 7
Gyps	um (Ca(SO4).2H2O)	13397-24-5	>= 0 - < 3

General advice	:	Move out of dangerous area. Consult a physician. Show this material safety data sheet to the doctor in attend- ance. Do not leave the victim unattended.
If inhaled	:	Consult a physician after significant exposure. If unconscious, place in recovery position and seek medical advice.
In case of skin contact	:	If skin irritation persists, call a physician. If on skin, rinse well with water. If on clothes, remove clothes.
In case of eye contact	:	Small amounts splashed into eyes can cause irreversible tis- sue damage and blindness. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Continue rinsing eyes during transport to hospital. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.
If swallowed	:	Keep respiratory tract clear. Do NOT induce vomiting. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Take victim immediately to hospital.
Most important symptoms and effects, both acute and delayed	:	Causes skin irritation. Causes serious eye damage. May cause respiratory irritation. May cause cancer. Causes damage to organs through prolonged or repeated exposure if inhaled.
Notes to physician	:	Treat symptomatically.

#### SECTION 4. FIRST AID MEASURES

## SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	:	Foam
		Dry powder
		Water spray

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				Carbon dioxide (0	CO2)		
Unsuitable extinguishing media		:	High volume water jet				
	Specific hazards during fire fighting		:	Do not allow run-off from fire fighting to enter drains or water courses.			
	Further information		:	Collect contaminated fire extinguishing water separately. The must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.			
		l protective equipment fighters	:	Wear self-contair essary.	ed breathing apparatus for firefighting if nec-		

#### SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protec- tive equipment and emer- gency procedures	:	Use personal protective equipment. Avoid dust formation. Avoid breathing dust. Ensure adequate ventilation.
Environmental precautions	:	Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.
Methods and materials for containment and cleaning up	:	Neutralize with acid. Keep in suitable, closed containers for disposal.

## SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion	:	Avoid dust formation. Provide appropriate exhaust ventilation at places where dust is formed.
Advice on safe handling	:	Avoid formation of respirable particles. Do not breathe vapors/dust. Avoid exposure - obtain special instructions before use. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the ap- plication area. Provide sufficient air exchange and/or exhaust in work rooms. Dispose of rinse water in accordance with local and national regulations.
Conditions for safe storage	:	Keep container tightly closed in a dry and well-ventilated place. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards.

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	er information on stor- conditions	:	Containers should	d be stored tightly sealed in a dry place.	
Materials to avoid		:	<ul> <li>Segregate from metals.</li> <li>Segregate from acids and bases.</li> <li>Segregate from oxidants.</li> <li>Segregate from foods and animal feeds.</li> </ul>		
	er information on stor- tability	:	No decomposition	n if stored and applied as directed.	

#### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components	CAS-No.	Value type (Form of	Control parame- ters / Permissible concentration	Basis
calcium oxide	1305-78-8	exposure) TWA value	2 mg/m3	ACGIHTLV
	1303-70-0	REL value	2 mg/m3	NIOSH
		PEL	5 mg/m3	29 CFR
		1 66	5 mg/m5	1910.1000
				(Table Z-1)
		TWA value	5 mg/m3	29 CFR
		1 W/ CValue	o mg/mo	1910.1000
				(Table Z-1-A)
		TWA	2 mg/m3	ACGIH
		TWA	2 mg/m3	NIOSH REL
		TWA	5 mg/m3	OSHA Z-1
		TWA	5 mg/m3	OSHA P0
Iron oxide	1309-37-1	TWA value	5 mg/m3	ACGIHTLV
TOTIONICE	1505-57-1	(Respirable	5 mg/m5	ACOINTLY
		fraction)		
		REL value	5 mg/m3	NIOSH
		(Dust and	(iron (Fe))	Nicon
		fume)		
		PEL	10 mg/m3	29 CFR
		(fumes/smok	- 5	1910.1000
		e)		(Table Z-1)
		TWA value	10 mg/m3	29 CFR
		(fumes/smok	Ŭ	1910.1000
		e)		(Table Z-1-A)
		TWA (Res-	5 mg/m3	ACGIH
		pirable par-		
		ticulate mat-		
		ter)		
		TWA (dust	5 mg/m3	NIOSH REL
		and fume)	(Iron)	
		TWA	10 mg/m3	OSHA Z-1
		(Fumes)		
		TWA (total	15 mg/m3	OSHA Z-1
		dust)		

## Ingredients with workplace control parameters

Limestone	m oxide	1309-48-4	TWA (respir- able fraction) TWA (Fumes) TWA value (Inhalable fraction) PEL (Total particulate) TWA value (Total partic- ulate) TWA (Inhal- able particu- late matter) TWA (fume, total particu-	5 mg/m3 10 mg/m3 10 mg/m3 15 mg/m3 10 mg/m3 10 mg/m3	29 CFR 1910.1000 (Table Z-1 29 CFR 1910.1000 (Table Z-1 ACGIH
	m oxide	1309-48-4	TWA (Fumes) TWA value (Inhalable fraction) PEL (Total particulate) TWA value (Total partic- ulate) TWA (Inhal- able particu- late matter) TWA (fume,	10 mg/m3 15 mg/m3 10 mg/m3 10 mg/m3	ACGIHTL 29 CFR 1910.1000 (Table Z- 29 CFR 1910.1000 (Table Z- ACGIH
	m oxide	1309-48-4	TWA value (Inhalable fraction) PEL (Total particulate) TWA value (Total partic- ulate) TWA (Inhal- able particu- late matter) TWA (fume,	15 mg/m3 10 mg/m3 10 mg/m3	1910.1000 (Table Z-1 29 CFR 1910.1000 (Table Z-1 ACGIH
Limestone			PEL (Total particulate) TWA value (Total partic- ulate) TWA (Inhal- able particu- late matter) TWA (fume,	10 mg/m3 10 mg/m3	1910.1000 (Table Z-1 29 CFR 1910.1000 (Table Z-1 ACGIH
Limestone			(Total partic- ulate) TWA (Inhal- able particu- late matter) TWA (fume,	10 mg/m3	1910.1000 (Table Z-1 ACGIH
Limestone			able particu- late matter) TWA (fume,		
Limestone				15 ma/m3	
Limestone			late)		OSHA Z-1
Limestone			TWA (Fume - total particu- late)	10 mg/m3	OSHA P0
	9	1317-65-3	REL value (Respirable)	5 mg/m3	NIOSH
			REL value (Total)	10 mg/m3	NIOSH
			PEL (Respir- able fraction)	5 mg/m3	29 CFR 1910.1000 (Table Z-1
			PEL (Total dust)	15 mg/m3	29 CFR 1910.1000 (Table Z-1
			TWA value (Respirable fraction)	5 mg/m3	29 CFR 1910.1000 (Table Z-1
			TWA value (Total dust)	15 mg/m3	29 CFR 1910.1000 (Table Z-1
			TWA (total dust)	15 mg/m3	OSHA Z-1
			TWA (respir- able fraction)	5 mg/m3	OSHA Z-1
	_		TWA (Total dust)	15 mg/m3	OSHA P0
			TWA (respir- able dust fraction)	5 mg/m3	OSHA P0
			TWA (Res- pirable)	5 mg/m3 (Calcium car- bonate)	NIOSH RI
			TWA (total)	10 mg/m3 (Calcium car- bonate)	NIOSH RI

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			TWA value	6 mg/m3	29 CFR 1910.1000 (Table Z-1-/
			TWA value	20 millions of particles per cubic foot of air	29 CFR 1910.1000 (Table Z-3)
			TWA value	0.8 mg/m3	29 CFR 1910.1000 (Table Z-3)
			TWA (Dust)	20 Million parti- cles per cubic foot (Silica)	OSHA Z-3
			TWA (Dust)	80 mg/m3 / %SiO2 (Silica)	OSHA Z-3
			TWA (Res- pirable dust)	0.05 mg/m3 (Silica)	NIOSH REI
			TWA	6 mg/m3 (Silica)	NIOSH REI
Calciu	um sulphate	7778-18-9	TWA value (Inhalable fraction)	10 mg/m3	ACGIHTLV
			REL value (Respirable)	5 mg/m3	NIOSH
			REL value (Total)	10 mg/m3	NIOSH
			PEL (Respir- able fraction)	5 mg/m3	29 CFR 1910.1000 (Table Z-1)
			PEL (Total dust)	15 mg/m3	29 CFR 1910.1000 (Table Z-1)
			TWA value (Respirable fraction)	5 mg/m3	29 CFR 1910.1000 (Table Z-1-/
			TWA value (Total dust)	15 mg/m3	29 CFR 1910.1000 (Table Z-1-/
			TWA (Res- pirable)	5 mg/m3	NIOSH REL
			TWA (total) TWA (total dust)	10 mg/m3 15 mg/m3	NIOSH REL OSHA Z-1
			TWA (respir- able fraction)	5 mg/m3	OSHA Z-1
			TWA (Total dust)	15 mg/m3	OSHA P0
			TWA (respir- able dust fraction)	5 mg/m3	OSHA P0
			TWA (Inhal- able particu- late matter)	10 mg/m3 (Calcium)	ACGIH
Gypsi	um (Ca(SO4).2H2O)	13397-24-5	TWA value	10 mg/m3	ACGIHTLV

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			(Inhalable fraction)		
			REL value (Respirable)	5 mg/m3	NIOSH
			REL value (Total)	10 mg/m3	NIOSH
			PEL (Total dust)	15 mg/m3	29 CFR 1910.1000 (Table Z-1)
			PEL (Respir- able fraction)	5 mg/m3	29 CFR 1910.1000 (Table Z-1)
			TWA value (Total dust)	15 mg/m3	29 CFR 1910.1000 (Table Z-1-/
			TWA value (Respirable fraction)	5 mg/m3	29 CFR 1910.1000 (Table Z-1-/
			TWA (Res- pirable)	5 mg/m3	NIOSH REL
			TWA (total) TWA (total	10 mg/m3 15 mg/m3	NIOSH REL OSHA Z-1
			dust)		
			TWA (respir- able fraction)	5 mg/m3	OSHA Z-1
			TWA (Total dust)	15 mg/m3	OSHA P0
			TWA (respir- able dust fraction)	5 mg/m3	OSHA P0
			TWA (Inhal- able particu- late matter)	10 mg/m3 (Calcium)	ACGIH
Quart	tz (SiO2)	14808-60-7	TWA value (Respirable fraction)	0.025 mg/m3	ACGIHTLV
			TWA value	0.05 mg/m3 (Respirable dust)	29 CFR 1910.1001- 1050
			OSHA Action level	0.025 mg/m3 (Respirable dust)	29 CFR 1910.1001- 1050
			REL value (Respirable dust)	0.05 mg/m3	NIOSH
			TWA (Res- pirable dust)	0.05 mg/m3	OSHA Z-1
			TWA (respir- able)	10 mg/m3 / %SiO2+2	OSHA Z-3
			TWÁ (respir- able)	250 mppcf / %SiO2+5	OSHA Z-3
			TWA (respir- able dust fraction)	0.1 mg/m3	OSHA P0

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			TWA (Res- pirable par- ticulate mat- ter)	0.025 mg/m3 (Silica)	ACGIH	
			PEL (respir- able)	0.05 mg/m3	OSHA CAF	
			TWA (Res- pirable dust)	0.05 mg/m3 (Silica)	NIOSH RE	
Ceme	ent, portland, chemicals	65997-15-1	TWA value (Respirable fraction)	1 mg/m3	ACGIHTLV	
			REL value (Total)	10 mg/m3	NIOSH	
			REL value (Respirable)	5 mg/m3	NIOSH	
			PEL (Total dust)	15 mg/m3	29 CFR 1910.1000 (Table Z-1)	
			PEL (Respir- able fraction)	5 mg/m3	29 CFR 1910.1000 (Table Z-1)	
			TWA value (Total dust)	10 mg/m3	29 CFR 1910.1000 (Table Z-1-	
			TWA value (Respirable fraction)	5 mg/m3	29 CFR 1910.1000 (Table Z-1-	
			TWA value	50 millions of particles per cubic foot of air	29 CFR 1910.1000 (Table Z-3)	
			TWA (Res- pirable par- ticulate mat- ter)	1 mg/m3	ÂCGIH	
			TWA (Res- pirable)	5 mg/m3	NIOSH RE	
			TWA (total) TWA (total dust)	10 mg/m3 15 mg/m3	NIOSH RE OSHA Z-1	
			TWA (respir- able fraction)	5 mg/m3	OSHA Z-1	
			TWA (Total dust)	10 mg/m3	OSHA P0	
			TWA (respir- able dust fraction)	5 mg/m3	OSHA P0	
			TWA (Dust)	50 Million parti- cles per cubic foot	OSHA Z-3	
Quart	z (SiO2)	14808-60-7	TWA value (Respirable fraction)	0.025 mg/m3	ACGIHTLV	
			REL value (Respirable dust)	0.05 mg/m3	NIOSH	

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				TWA value	0.05 mg/m3 (Respirable dust)	29 CFR 1910.1001- 1050	
				OSHA Action level	0.025 mg/m3 (Respirable dust)	29 CFR 1910.1001- 1050	
				TWA (Res- pirable dust)	0.05 mg/m3	OSHA Z-1	
				TWA (respir- able)	10 mg/m3 / %SiO2+2	OSHA Z-3	
				TWÁ (respir- able)	250 mppcf / %SiO2+5	OSHA Z-3	
				TWÁ (respir- able dust fraction)	0.1 mg/m3	OSHA P0	
				TWA (Res- pirable par- ticulate mat- ter)	0.025 mg/m3 (Silica)	ACGIH	
				PEL (respir- able)	0.05 mg/m3	OSHA CAR	
				TWA (Res- pirable dust)	0.05 mg/m3 (Silica)	NIOSH REL	
Engii	neering measures	:	Provide local P.E.L.	exhaust ventilati	on to maintain recon	nmended	
	onal protective equip	ment					
Resp	iratory protection	:		tection if dusts a H-certified (or ec	re formed. quivalent) particulate	respirator.	
Hand	protection						
Re	emarks	:		r for a specific we	orkplace should be d active gloves.	iscussed	
Eye p	protection	:	Eye wash bottle with pure water Tightly fitting safety goggles Wear face-shield and protective suit for abnormal processing problems.				
Skin	and body protection	:	Choose body protection according to the amount and con- centration of the dangerous substance at the work place.				
Chart			Avoid contact with the skin, eyes and clothing. Avoid inhalation of dusts. In order to prevent contamination while handling, closed working clothes and working gloves should be used. Handle in accordance with good building materials hygiene and safety practice.				
	ctive measures	:	Avoid inhalati In order to pre working clothe Handle in acc	on of dusts. event contaminat es and working g ordance with go	tion while handling, o gloves should be use	d.	

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SECTION	9. PHYSICAL AND CH	EMIC	CAL PROPERT	TIES
Appea	arance	:	powder	
Color		:	gray	
Odor	Threshold	:	Not determine	ed due to potential health hazard by inhalation.
рН		:	13 (68 °F / 20 (as aqueous s	
Boilin	g point	:	No applicable	information available.
Flash	point	:	does not flash	1
Evapo	oration rate	:	No applicable	information available.
Flamr	mability (solid, gas)	:	not determine	d
Self-i	gnition	:	not self-ignitin	ıg
	r explosion limit / Upper nability limit	:	knowledge of	our experience with this product and our its composition we do not expect any hazard a oduct is used appropriately and in accordance ded use.
	Lower explosion limit / Lower flammability limit		knowledge of	our experience with this product and our its composition we do not expect any hazard a oduct is used appropriately and in accordance ded use.
Vapo	r pressure	:	No applicable	information available.
Relati	ive vapor density	:	No applicable	information available.
Relati	ive density	:	No applicable	information available.
Bulk o	density	:	1.25 g/m3	
	ility(ies) ater solubility	:	insoluble (59	°F / 15 °C)
Sc	plubility in other solvents	:	No applicable	information available.
	ion coefficient: n- ol/water	:	No applicable	information available.
Autoi	gnition temperature	:	No applicable	information available.
Deco	mposition temperature	:	No decompos scribed/indica	sition if stored and handled as pre- ited.

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	scosity Viscosity, dynamic Viscosity, kinematic plosive properties	: :		nformation available. nformation available.		
Se	Oxidizing properties Self-heating substances Sublimation point Molecular weight		<ul> <li>Not an oxidizer.</li> <li>No data available</li> <li>No applicable information available.</li> <li>No data available</li> </ul>			
SECTI	SECTION 10. STABILITY AND REACTIVITY					
Re	eactivity	:	No decomposit	ion if stored and applied as directed.		
Cł	nemical stability	:	No decomposit	ion if stored and applied as directed.		

Possibility of hazardous reac- : No decomposition if stored and applied as directed.

Strong bases Strong acids

as prescribed/indicated.

:

:

See SDS section 7 - Handling and storage.

: No hazardous decomposition products if stored and handled

# SECTION 11. TOXICOLOGICAL INFORMATION

#### Acute toxicity

Conditions to avoid

Incompatible materials

Hazardous decomposition

tions

products

Not classified based on available information.

#### Skin corrosion/irritation

Causes skin irritation.

#### Serious eye damage/eye irritation

Causes serious eye damage.

#### Respiratory or skin sensitization

#### Skin sensitization

Not classified based on available information.

#### Respiratory sensitization

Not classified based on available information.

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<u>Prod</u> Rema		:		product has been reduced. Sensitization due n stated shelf-live is unlikely.
	<b>cell mutagenicity</b> lassified based on availa	ble	information.	
Carci	nogenicity			
May o	cause cancer.			
-	oductive toxicity lassified based on availa	ble	information.	
	<b>F-single exposure</b> cause respiratory irritatio	n.		
STO	<b>F-repeated exposure</b>			
Caus	es damage to organs thr	oug	h prolonged or rep	peated exposure if inhaled.
-	ration toxicity lassified based on availa	ble	information.	
Furth	er information			
<u>Produ</u> Rema		:		not been tested. The statement has been properties of the individual components.
ECTION	12. ECOLOGICAL INFO	DRI	MATION	
Ecoto	oxicity			
Prod	uct:			
Ecoto	oxicology Assessment			
Acute	e aquatic toxicity	:	This product has	no known ecotoxicological effects.
Chror	nic aquatic toxicity	:	This product has	no known ecotoxicological effects.
Persi	stence and degradabili	ity		
<u>Prod</u> Biode	<u>uct:</u> gradability	:	Remarks: not ap	blicable
Bioad	ccumulative potential			
<u>Prod</u> Bioac	uct: cumulation	:		oduct will not be readily bioavailable due to nd insolubility in water.

## Components:

Cement, portland, chemicals:

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	Partition octanol	n coefficient: n- /water	:	GLP: no Remarks: not app	licable
		n oxide: n coefficient: n- /water	:	Remarks: The val substance is inorg	ue has not been determined because the janic.
		<b>(SiO2):</b> n coefficient: n- /water	:	Remarks: not app	licable
	Iron ox Partition octanol,	n coefficient: n-	:	Remarks: Study s	cientifically not justified.
	-	<b>sium oxide:</b> n coefficient: n- /water	:	Remarks: No data	a available.
		<b>dioxide:</b> n coefficient: n- /water	:	Remarks: not app	licable
		<b>n sulphate:</b> n coefficient: n- /water	:	GLP: no Remarks: The val substance is inorg	ue has not been determined because the janic.
		m (Ca(SO4).2H2O): n coefficient: n- /water	:	Remarks: The val substance is inorg	ue has not been determined because the janic.
	Mobilit	y in soil			
		: <u>t:</u> tion among environ- compartments	:	particles is probatis not expected.	ng exposure to soil, adsorption to solid soil ble, therefore contamination of groundwater Il not evaporate into the atmosphere from
	Other a	dverse effects			
	Produc Results assessi	of PBT and vPvB	:	to be either persis	ixture contains no components considered tent, bioaccumulative and toxic (PBT), or d very bioaccumulative (vPvB) at levels of

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Additional ecological infor- mation		: Observe allowable values of impurities of effluents discharged in water and soil (according regulation of ministry of the envi- ronment from November, 18th, 2014, law gazette pos. 1800 (Poland)					
		The product has	e product into the environment without control. not been tested. The statements on ecotoxi- n derived from the properties of the individual				
SECTION 13. DISPOSAL CONSIDERATIONS							

Disposal methods		
Waste from residues	:	Do not contaminate ponds, waterways or ditches with chemi- cal or used container. Dispose of in accordance with national, state and local regula- tions. Do not discharge into drains/surface waters/groundwater.
Contaminated packaging	:	Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the sub- stance/product.

#### **SECTION 14. TRANSPORT INFORMATION**

#### **International Regulations**

#### UNRTDG

Not regulated as a dangerous good

#### IATA-DGR

Not regulated as a dangerous good

## IMDG-Code

Not regulated as a dangerous good

## Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

#### **Domestic regulation**

**49 CFR** Not regulated as a dangerous good

## SECTION 15. REGULATORY INFORMATION

#### **US State Regulations**

### Pennsylvania Right To Know

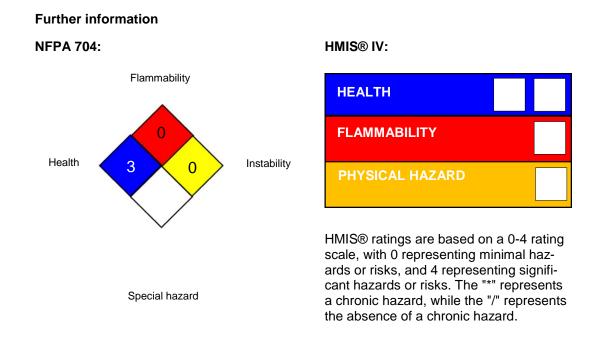
1305-78-8 1309-37-1 1309-48-4 1317-65-3 7631-86-9
7631-86-9

Version 1.0	Revision Date: 07/27/2020	SDS Number: 000000539831	Date of last issue: - Date of first issue: 07/27/2020						
	Calcium sulphate Gypsum (Ca(SO Quartz (SiO2) Cement, portlanc Quartz (SiO2)	7778-18-9 13397-24-5 14808-60-7 65997-15-1 14808-60-7							
New Jersey Right To Know									
	calcium oxide magnesium oxide Limestone Calcium sulphate Cement, portland Quartz (SiO2)	)	1305-78-8 1309-48-4 1317-65-3 7778-18-9 65997-15-1 14808-60-7						
Califo	ornia Prop. 65								

WARNING: This product can expose you to chemicals including Quartz (SiO2), which is/are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

The ingredients of this product are reported in the following inventories:						
DSL	:	All components of this product are on the Canadian DSL				
TSCA	:	All chemical substances in this product are either listed as active on the TSCA Inventory or are in compliance with a TSCA Inventory exemption.				

#### **SECTION 16. OTHER INFORMATION**



#### Full text of other abbreviations

Version 1.0	Revision Date: 07/27/2020		9S Number: 0000539831	Date of last issue: - Date of first issue: 07/27/2020	
29 CFR 1910.1000 (Table Z- 1-A)		:	OSHA - Table Z-1-A (29 CFR 1910.1000)		
29 CFR 1910.1000 (Table Z- 1)		:	OSHA - Table Z-1 (Limits for Air Contaminants) 29 CFR 1910.1000		
		:	OSHA Table Z-3 (Mineral Dusts) 29 CFR 1910.1000		
	1910.1001-1050	:	OSHA - Specifica 1910.1001-1050)	lly Regulated Substances (29 CFR	
ACGIH		:	USA. ACGIH Threshold Limit Values (TLV)		
ACGIHTLV		:	American Conference of Governmental Industrial Hygienists - threshold limit values (US)		
NIOSH		:		uide to Chemical Hazards (US)	
NIOSH	REL	:	USA. NIOSH Recommended Exposure Limits		
OSHA (		:		Regulated Chemicals/Carcinogens	
OSHA F	>0	:	USA. OSHA - TAI 1910.1000	BLE Z-1 Limits for Air Contaminants -	
OSHA Z	Z-1	:	USA. Occupationatis for Air Contami	al Exposure Limits (OSHA) - Table Z-1 Lim- inants	
OSHA Z	Z-3	:	USA. Occupationa eral Dusts	al Exposure Limits (OSHA) - Table Z-3 Min-	
29 CFR 1910.1000 (Table Z- 1-A) / TWA value		:	Time Weighted Av	verage (TWA):	
	1910.1000 (Table Z-	:	Permissible expos	sure limit	
	1910.1000 (Table Z-	:	Time Weighted Av	verage (TWA):	
29 CFR	1910.1001-1050 / Action level	:	OSHA Action leve	sl:	
	1910.1001-1050 /	:	Time Weighted Av	verage (TWA):	
ACGIH		:	8-hour, time-weig	hted average	
	TLV / TWA value	÷	Time Weighted Av		
	/ REL value	:		posure limit (REL):	
	REL / TWA	:	Time-weighted av	erage concentration for up to a 10-hour 40-hour workweek	
OSHA CARC / PEL		:	Permissible expos		
OSHA P0 / TWA		:	8-hour time weigh		
	Z-1 / TWA	:	8-hour time weigh		
	Z-3 / TWA	:	8-hour time weigh		

AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; 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; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI -

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Korea Existing Chemicals Inventory; LC50 - Lethal 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; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; 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; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ -Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB -Very Persistent and Very Bioaccumulative

Revision Date : 07/27/2020

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