Version 1.0	Revision Date: 08/21/2020		DS Number: 00000260248	Date of last issue: - Date of first issue: 08/21/2020
SECTION	1. IDENTIFICATION			
Prod	luct name	:	MasterSeal 595	
Prod	luct code	:	00000000005167	2020 00000000051672020
Man	ufacturer or supplier's	deta	ails	
Com	pany name of supplier	:	Master Builders-0 US, LLC	Construction Systems
Addr	ess	:	23700 CHAGRIN Beachwood OH 4	
Eme	rgency telephone	:	ChemTel: +1-813	-248-0585
Reco	ommended use of the o	cher	nical and restriction	ons on use
Reco	ommended use	:	Product for const	ruction chemicals
Rest	rictions on use	:	Reserved for indu	ustrial and professional use.

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accord		nce with 29 CFR 1910.1200
Serious eye damage/eye irritation	:	Category 1
Specific target organ toxicity - single exposure	:	3
GHS label elements Hazard pictograms	:	
Signal Word	:	Danger
Hazard Statements	:	H318 Causes serious eye damage. H315 Causes skin irritation. H335 May cause respiratory irritation.
Precautionary Statements	:	Prevention: P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P271 Use only outdoors or in a well-ventilated area. P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. P264 Wash face, hands and any exposed skin thoroughly after

Version 1.0	Revision Date: 08/21/2020	SDS Number: 000000260248	Date of last issue: - Date of first issue: 08/21/2020
		handling.	
		Response:	
		for several min to do. Continue P310 Immedia P304 + P340 II keep comfortal P303 + P352 II and water.	 P338 IF IN EYES: Rinse cautiously with water utes. Remove contact lenses, if present and easy e rinsing. tely call a POISON CENTER/ doctor/ FINHALED: Remove person to fresh air and ble for breathing. F ON SKIN (or hair): Wash with plenty of soap Take off contaminated clothing and wash it before
		Storage:	
		P403 + P233 S tightly closed. P405 Store loc	Store in a well-ventilated place. Keep container ked up.
		Disposal:	
		P501 Dispose waste collectio	of contents/container to appropriate hazardous n point.

Other hazards

No data available.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature

: Cement

Components

Chemical name	CAS-No.	Concentration (% w/w)
Cement, portland, chemicals	65997-15-1	>= 25 - < 75
calcium oxide	1305-78-8	>= 25 - < 50
Cement, alumina, chemicals	65997-16-2	>= 7 - < 10
Aluminium sodium dioxide	1302-42-7	>= 1 - < 3
Limestone	1317-65-3	>= 1 - < 3

SECTION 4. FIRST AID MEASURES

General advice	 First aid personnel should pay attention to their own safety. If the patient is likely to become unconscious, place and transport in stable sideways position (recovery position). Immediately remove contaminated clothing. 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	: Keep patient calm, remove to fresh air, seek medical atten- tion. Immediately administer a corticosteroid from a con-

ersion 0	Revision Date: 08/21/2020		lumber: 0260248	Date of last issue: - Date of first issue: 08/21/2020
		tro	led/metered	dose inhaler.
		ad	vice.	place in recovery position and seek medical
In cas	e of skin contact	: Im	mediately wa	ash thoroughly with plenty of water, apply ste onsult a skin specialist.
		lf c	on skin, rinse	persists, call a physician. well with water. move clothes.
In cas	e of eye contact		ning water w	ash affected eyes for at least 15 minutes und vith eyelids held open, consult an eye specia
		suc In 1 Co Re Pro Ke	e damage ar the case of c water and se ntinue rinsin move contac otect unharm ep eye wide	
lf swa	llowed		mediately rin ek medical a	se mouth and then drink 200-300 ml of wate ttention.
		Do Do Ne If s	NOT induce not give mil ver give any ymptoms pe	ry tract clear. e vomiting. k or alcoholic beverages. thing by mouth to an unconscious person. ersist, call a physician. nediately to hospital.
	mportant symptoms ffects, both acute and ed	Ca		itation. s eye damage. piratory irritation.
Notes	to physician	: Tre	eat symptom	atically.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	:	Water spray Foam Dry powder Carbon dioxide (CO2)
Unsuitable extinguishing media	:	High volume water jet
Specific hazards during fire	:	Do not allow run-off from fire fighting to enter drains or water

Version 1.0	Revision Date: 08/21/2020		DS Number: 00000260248	Date of last issue: - Date of first issue: 08/21/2020	
fighti	ng		courses.		
Further information		:	Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.		
	ial protective equipment e-fighters	:	Wear self-contair essary.	ed breathing apparatus for firefighting if nec-	
SECTION	6. ACCIDENTAL RELE	AS	E MEASURES		
	onal precautions, protec- equipment and emer-	:	Use personal pro Avoid dust forma	tective equipment. ion.	

gency procedures		Avoid breathing dust.
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	:	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.
Further information on stor- age conditions	:	Containers should be stored tightly sealed in a dry place.
Materials to avoid	:	Segregate from metals. Segregate from acids and bases. Segregate from oxidants.

Version 1.0	Revision Date: 08/21/2020	SDS Number: 000000260248	Date of last issue: - Date of first issue: 08/21/2020
		Segregate from	n foods and animal feeds.
	er information on stor- tability	: No data availat	ble

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters / Permissible concentration	Basis
Aluminium sodium dioxide	1302-42-7	REL value	2 mg/m3 (aluminum (Al))	NIOSH
		TWA value	2 mg/m3 (aluminum (Al))	29 CFR 1910.1000 (Table Z-1-A)
		TWA	2 mg/m3 (Aluminum)	OSHA P0
		TWA	2 mg/m3 (Aluminum)	NIOSH REL
calcium oxide	1305-78-8	TWA value	2 mg/m3	ACGIHTLV
		REL value	2 mg/m3	NIOSH
		PEL	5 mg/m3	29 CFR 1910.1000 (Table Z-1)
		TWA value	5 mg/m3	29 CFR 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
Limestone	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-A)
		TWA value (Total dust)	15 mg/m3	29 CFR 1910.1000 (Table Z-1-A)
		TWA (total dust)	15 mg/m3	OSHA Z-1
		TWA (respir- able fraction)	5 mg/m3	OSHA Z-1

rsion	Revision Date: 08/21/2020	SDS Number: 000000260248	Date of las Date of firs	t issue: - t issue: 08/21/2020)
			TWA (Total dust)	15 mg/m3	OSHA P0
			TWA (respir- able dust	5 mg/m3	OSHA P0
			fraction)		
			TWA (Res- pirable)	5 mg/m3 (Calcium car- bonate)	NIOSH RE
			TWA (total)	10 mg/m3 (Calcium car- bonate)	NIOSH RE
Gypsi	um (Ca(SO4).2H2O)	13397-24-5	TWA value (Inhalable fraction)	10 mg/m3	ACGIHTL
			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 RE
			TWA (total)	10 mg/m3	NIOSH RE
			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 PO
			TWA (Inhal- able particu- late matter)	10 mg/m3 (Calcium)	ACGIH
Ceme	ent, portland, chemicals	65997-15-1	TWA value (Respirable fraction)	1 mg/m3	ACGIHTL
			REL value (Total)	10 mg/m3	NIOSH
			REL value (Respirable)	5 mg/m3	NIOSH
			PEL (Total dust)	15 mg/m3	29 CFR 1910.1000

sion	Revision Date: 08/21/2020		OS Number: 0000260248	Date of las Date of firs	t issue: - t issue: 08/21/2020	
				1	1	1
						(Table Z-
				PEL (Respir-	5 mg/m3	29 CFR
				able fraction)		1910.100
						(Table Z-
				TWA value	10 mg/m3	29 CFR
				(Total dust)	5	1910.100
				((Table Z-
				TWA value	5 mg/m3	29 CFR
				(Respirable	5 mg/m5	1910.100
				fraction)		
					50	(Table Z-
				TWA value	50 millions of	29 CFR
					particles per cubic	1910.100
					foot of air	(Table Z-
				TWA (Res-	1 mg/m3	ACGIH
				pirable par-		
				ticulate mat-		
				ter)		
				TWA (Res-	5 mg/m3	NIOSH R
				pirable)		
				TWA (total)	10 mg/m3	NIOSH R
				TWA (total	15 mg/m3	OSHA Z-
				dust)	10 mg/mo	001772
				TWA (respir-	E ma/m2	OSHA Z-
				able fraction)	5 mg/m3	03HA Z-
					40	
				TWA (Total	10 mg/m3	OSHA PO
				dust)	- / 0	
				TWA (respir-	5 mg/m3	OSHA PO
				able dust		
				fraction)		
				TWA (Dust)	50 Million parti-	OSHA Z-
					cles per cubic foot	
Engir	eering measures	:	Provide local P.E.L.	exhaust ventilat	on to maintain recom	mended
Perso	onal protective equip	ment				
Respi	ratory protection	:		tection if dusts a		
-					quivalent) particulate	respirator.
Hand	protection					
Po	marks	:	The suitability	y for a specific w	orkplace should be di	scussed
1/6				ucers of the prot		
i te			•		5	
IX.				ula	er	
	rotection	:	Eve wash bot	itle with bure wa		
	rotection	:	Eye wash bot Tightly fitting			
	rotection	:	Tightly fitting	safety goggles		processing
	rotection	:	Tightly fitting Wear face-sh	safety goggles	ve suit for abnormal p	processing
	rotection	:	Tightly fitting	safety goggles		processing
Еуе р		:	Tightly fitting Wear face-sh problems.	safety goggles ield and protecti	ve suit for abnormal p	-
Еуе р	rotection and body protection	:	Tightly fitting Wear face-sh problems. Choose body	safety goggles ield and protection	ve suit for abnormal p rding to the amount a	nd con-
Еуе р		:	Tightly fitting Wear face-sh problems. Choose body	safety goggles ield and protection	ve suit for abnormal p	nd con-
Eye p Skin a	and body protection	:	Tightly fitting Wear face-sh problems. Choose body centration of	safety goggles ield and protecti protection acco the dangerous s	ve suit for abnormal p rding to the amount a ubstance at the work	nd con-
Eye p Skin a		:	Tightly fitting Wear face-sh problems. Choose body centration of	safety goggles ield and protection protection acco the dangerous s t with the skin, e	ve suit for abnormal p rding to the amount a	nd con-

Version 1.0	Revision Date: 08/21/2020		S Number: 0000260248	Date of last issue: - Date of first issue: 08/21/2020			
			working clothes a	nt contamination while handling, closed nd working gloves should be used. ance with good building materials hygiene e.			
Нуд	Hygiene measures		: When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.				
SECTIO	N 9. PHYSICAL AND CH	EMI		S			
Арр	pearance	:	powder				
Col	or	:	gray				
Odd	pr	:	earthy				
Odd	or Threshold	:	Not determined of	due to potential health hazard by inhalation.			
рН		:	slightly alkaline				
Mel	ting point	:	No applicable inf	ormation available.			
Boil	ing point	:	No applicable inf	ormation available.			
Flas	sh point	:	does not flash				
Eva	poration rate	:	No applicable inf	ormation available.			
Flar	nmability (solid, gas)	:	not determined				
Self	ignition	:	not self-igniting				
	per explosion limit / Upper nmability limit	:	knowledge of its	r experience with this product and our composition we do not expect any hazard as uct is used appropriately and in accordance I use.			
	ver explosion limit / Lower nmability limit	:	knowledge of its	r experience with this product and our composition we do not expect any hazard as uct is used appropriately and in accordance I use.			
Vap	oor pressure	:	No applicable inf	ormation available.			
Rela	ative vapor density	:	No applicable inf	ormation available.			
Rela	ative density	:	2.8				
Bull	< density	:	1,800 - 2,400 kg/	/m3			

Ver 1.0	sion	Revision Date: 08/21/2020		S Number: 0000260248	Date of last issue: - Date of first issue: 08/21/2020
	Solubili Solu	ty(ies) ıbility in other solvents	:	No applicable info	ormation available.
	Partitio octanol	n coefficient: n- /water	:	No applicable info	ormation available.
	Autoigr	nition temperature	:	No applicable info	ormation available.
	Viscosi Visc	ty osity, dynamic	:	No applicable info	ormation available.
	Visc	osity, kinematic	:	No applicable info	ormation available.
	Explosi	ve properties	:	Not explosive Not explosive	
	Oxidizir	ng properties	:	Based on its strue as oxidizing.	ctural properties the product is not classified
	Self-he	ating substances	:	No data available	
	Sublima	ation point	:	No applicable info	ormation available.
	Molecu	lar weight	:	No data available	

SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	No decomposition if stored and applied as directed.
Chemical stability	:	No decomposition if stored and applied as directed.
Possibility of hazardous reac- tions	:	No decomposition if stored and applied as directed.
Conditions to avoid	:	See SDS section 7 - Handling and storage.
Incompatible materials	:	Strong bases Strong acids
Hazardous decomposition products	:	No hazardous decomposition products if stored and handled as prescribed/indicated.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity Not classified based on ava	ilable information.
Product: Acute oral toxicity	: Remarks: No applicable information available.
Acute inhalation toxicity	: Remarks: No applicable information available.

rsion)	Revision Date: 08/21/2020	SDS Number: 000000260248	Date of last issue: - Date of first issue: 08/21/2020
Acute	e dermal toxicity	: Remarks: N	o applicable information available.
-	corrosion/irritation es skin irritation.		
<u>Prod</u> Rema		: Extremely c	orrosive and destructive to tissue.
	u s eye damage/eye es serious eye dama		
<u>Prod</u> Rema		: May cause	irreversible eye damage.
Resp	iratory or skin sens	itization	
-	sensitization lassified based on av	ailable information.	
-	iratory sensitizatior lassified based on av		
<u>Prod</u> Rema			n this product has been reduced. Sensitization du within stated shelf-live is unlikely.
	cell mutagenicity lassified based on av	ailable information.	
	nogenicity lassified based on av	ailable information.	
-	oductive toxicity lassified based on av	ailable information.	
	F-single exposure cause respiratory irrita	ation.	
	F-repeated exposure lassified based on av		
-	ration toxicity lassified based on av	ailable information.	
Furth	er information		
<u>Prod</u> Rema		: No data ava	

/ersion .0	Revision Date: 08/21/2020	-	0S Number: 0000260248	Date of last issue: - Date of first issue: 08/21/2020
SECTION	12. ECOLOGICAL INFO	DRI	IATION	
Ecot	oxicity			
Prod	luct:			
	oxicology Assessment e aquatic toxicity	:	This product has	no known ecotoxicological effects.
Chro	nic aquatic toxicity	:	This product has	no known ecotoxicological effects.
Pers	istence and degradabili	ity		
<u>Prod</u> Biode	l <mark>uct:</mark> egradability	:	Remarks: Not app	licable for inorganic substances.
Bioa	ccumulative potential			
<u>Prod</u> Bioad	l <u>uct:</u> ccumulation	:		duct will not be readily bioavailable due to d insolubility in water.
<u>Com</u>	ponents:			
Cem	ent, portland, chemical	s:		
	tion coefficient: n- nol/water	:	GLP: no Remarks: not app	licable
calci	um oxide:			
	tion coefficient: n- nol/water	:	Remarks: The val substance is inor	ue has not been determined because the ganic.
Cem	ent, alumina, chemicals	5:		
	tion coefficient: n- nol/water	:	Remarks: The val substance is inor	ue has not been determined because the ganic.
Alun	ninium sodium dioxide:			
	tion coefficient: n- nol/water	:	Remarks: The val substance is inor	ue has not been determined because the ganic.
Mob	ility in soil			
	l <mark>uct:</mark> ibution among environ- al compartments	:	particles is probatis not expected.	ng exposure to soil, adsorption to solid soil ole, therefore contamination of groundwater Il not evaporate into the atmosphere from

Version 1.0	Revision Date: 08/21/2020	SDS Number: 000000260248	Date of last issue: - Date of first issue: 08/21/2020
Othe	er adverse effects		
Resu	luct: ults of PBT and vPvB ssment	to be either pe	e/mixture contains no components considered ersistent, bioaccumulative and toxic (PBT), or it and very bioaccumulative (vPvB) at levels of r.
Addi mati	tional ecological infor- on	harmful to aqu The product h	h probability that the product is not acutely uatic organisms. as not been tested. The statements on ecotoxi- een derived from the properties of the individual

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods	
Waste from residues	 Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of in accordance with national, state and local regulations. 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

Aluminium sodium dioxide

1302-42-7

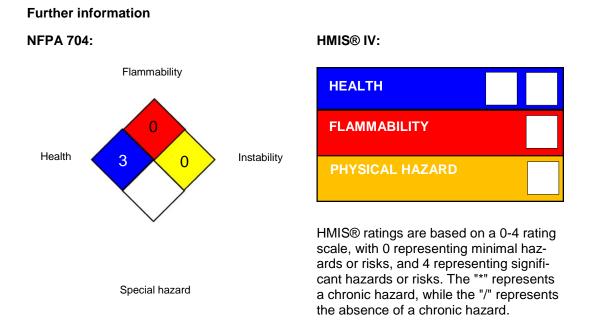
Version 1.0	Revision Date: 08/21/2020	SDS Number: 000000260248	Date of last issue: - Date of first issue: 08/21/2020
	calcium oxide Limestone Gypsum (Ca(SO4 Cement, portland		1305-78-8 1317-65-3 13397-24-5 65997-15-1
New	Jersey Right To Know	N	
	calcium oxide Limestone Cement, portland Lithium carbonate		1305-78-8 1317-65-3 65997-15-1 554-13-2
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, and

Lithium carbonate, which is/are known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

The ingredients of this product are reported in the following inventories:TSCA:On the inventory, or in compliance with the inventory

SECTION 16. OTHER INFORMATION



Full text of other abbreviations

29 CFR 1910.1000 (Table Z- 1-A)	:	OSHA - Table Z-1-A (29 CFR 1910.1000)
29 ĆFR 1910.1000 (Table Z- 1)	:	OSHA - Table Z-1 (Limits for Air Contaminants) 29 CFR 1910.1000
29 CFR 1910.1000 (Table Z- 3)	:	OSHA Table Z-3 (Mineral Dusts) 29 CFR 1910.1000

Version 1.0	Revision Date: 08/21/2020		0S Number: 0000260248	Date of last issue: - Date of first issue: 08/21/2020	
ACGIH ACGIHTLV			USA. ACGIH Threshold Limit Values (TLV) American Conference of Governmental Industrial Hygienists - threshold limit values (US)		
NIOSH		:	NIOSH Pocket Guide to Chemical Hazards (US)		
NIOSH REL OSHA P0		:	USA. NIOSH Recommended Exposure Limits USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000		
OSHA Z-1		:	USA. Occupational Exposure Limits (OSHA) - Table Z-1 Lim- its for Air Contaminants		
OSHA Z-3		:	USA. Occupational Exposure Limits (OSHA) - Table Z-3 Min- eral Dusts		
29 CFR 1910.1000 (Table Z- 1-A) / TWA value		:		verage (TWA):	
29 CFR 1910.1000 (Table Z- 1) / PEL		:	Permissible exposure limit		
29 CFR 1910.1000 (Table Z- 3) / TWA value		:	Time Weighted Average (TWA):		
ÁCGIH / TWA		:	8-hour, time-weighted average		
	ACGIHTLV / TWA value NIOSH / REL value		Time Weighted Average (TWA): Recommended exposure limit (REL):		
NIOSH REL / TWA		:	Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek		
OSHA P0 / TWA			8-hour time weigh		
OSHA Z-1 / TWA OSHA Z-3 / TWA		:	8-hour time weigh 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 -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 Sub-

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	08/21/2020	00000260248	Date of first issue: 08/21/2020

stance 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

: 08/21/2020

We support worldwide Responsible Care® initiatives. We value the health and safety of our employees, customers, suppliers and neighbors, and the protection of the environment. Our commitment to Responsible Care is integral to conducting our business and operating our facilities in a safe and environmentally responsible fashion, supporting our customers and suppliers in ensuring the safe and environmentally sound handling of our products, and minimizing the impact of our operations on society and the environment during production, storage, transport, use and disposal of our products.

IMPORTANT: WHILE THE DESCRIPTIONS, DESIGNS, DATA AND INFORMATION CONTAINED HEREIN ARE PRESENTED IN GOOD FAITH AND BELIEVED TO BE ACCURATE , IT IS PROVIDED FOR YOUR GUIDANCE ONLY. BECAUSE MANY FACTORS MAY AFFECT PROCESSING OR APPLICATION/USE, WE RECOMMEND THAT YOU MAKE TESTS TO DETERMINE THE SUITABILITY OF A PRODUCT FOR YOUR PARTICULAR PURPOSE PRIOR TO USE. NO WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION SET FORTH, OR THAT THE PRODUCTS, DESIGNS, DATA OR INFORMATION MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS. IN NO CASE SHALL THE DESCRIPTIONS, INFORMATION, DATA OR DESIGNS PROVIDED BE CONSIDERED A PART OF OUR TERMS AND CONDITIONS OF SALE. FURTHER, YOU EXPRESSLY UNDERSTAND AND AGREE THAT THE DESCRIPTIONS, DESIGNS, DATA, AND INFORMATION FURNISHED BY OUR COMPANY HEREUNDER ARE GIVEN GRATIS AND WE ASSUME NO OBLIGATION OR LIABILITY FOR THE DESCRIPTION, DESIGNS, DATA AND INFORMATION GIVEN OR RESULTS OBTAINED, ALL SUCH BEING GIVEN AND ACCEPTED AT YOUR RISK.

US / EN