

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Issue date: 9/22/2022 Revision date: 9/22/2022 Supersedes: 8/3/2017

SECTION 1: Identification		
1.1. Identification		
Product form Product name CAS-No. Product code Other means of identification	Mixture FG65-DOL Mixture 5026 Dolomite Burned Brick	
1.2. Recommended use and restrictions on	se	
Use of the substance/mixture Recommended use	Refractory Industrial use	
1.3. Supplier		
Resco Products, Inc. One Robinson Plaza, Suite 300 6600 Steubenville Pike Pittsburgh, PA, 15205 United States 412-494-4491 SDS@RescoProducts.com - WWW.RescoProducts.com	m	
1.4. Emergency telephone number		
	EMERGENCY ONLY (CHEMTREC) USA & Canada 1-800-424-9300	
	Outside USA & Canada +1 703-741-5970	
SECTION 2: Hazard(s) identification		
2.1. Classification of the substance or mixtu GHS US classification	e	
Skin corrosion/irritation Category 1A Carcinogenicity Category 1A Full text of H statements : see section 16	H314Causes severe skin burns and eye damageH350May cause cancer (Dust when sawing or tear out, Inhalation	1)
2.2. GHS Label elements, including precauti	onary statements	
GHS US labeling Hazard pictograms (GHS US)		
Signal word (GHS US) Hazard statements (GHS US) Precautionary statements (GHS US)	 Danger H314 - Causes severe skin burns and eye damage H350 - May cause cancer (Dust when sawing or tear out, Inhalation) P202 - Do not handle until all safety precautions have been read and understood. P280 - Wear Safety shoes, eye protection, protective gloves, protective clothing. P223 - Do not allow contact with water. Avoid contact with the skin and the eyes P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF ON SKIN: Gently wash with plenty of soap and water. P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P301+P330+P331 - If swallowed: rinse mouth. Do NOT induce vomiting. P260 - Do not breathe Dust when sawing or tear out. 	
2.3. Other hazards which do not result in cla	ssification	
No additional information available		
2.4. Unknown acute toxicity (GHS US) Not applicable		
SECTION 3: Composition/Information o	ingredients	
3.1. Substances		
Not applicable		
3.2. Mixtures		
Name	Product identifier % GHS US classification	
Magnesium Oxide	CAS-No.: 1309-48-4 50 – 75 Not classified	
calcium oxide cristobalite	CAS-No.: 1305-78-8 20 – 50 Skin Corr. 1A, H314 CAS-No.: 14464-46-1 0.1 – 0.5 Carc. 1A, H350	
9/22/2022 (Revision date)	EN (English LIS)	1/6

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Full text of hazard classes and H-statements : see se	ection 16				
SECTION 4: First-aid measures					
4.1. Description of first aid measures					
First-aid measures general First-aid measures after inhalation First-aid measures after skin contact	 Get medical advice/attention if you feel unwell. Dust when sawing or tear out. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Control with plants of each and water. 				
First-aid measures after eye contact	 Gently wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. 				
First-aid measures after ingestion	: Do NOT induce vomiting. Rinse mouth.				
4.2. Most important symptoms and effects (Symptoms/effects after skin contact	: May cause moderate irritation.				
Symptoms/effects after eye contact	: Causes serious eye irritation.				
4.3. Immediate medical attention and specia	al treatment, if necessary				
No additional information available					
SECTION 5: Fire-fighting measures					
5.1. Suitable (and unsuitable) extinguishing) media				
Suitable extinguishing media Unsuitable extinguishing media	Carbon dioxide. Dry powder. Sand. Do not use extinguishing media containing water.				
5.2. Specific hazards arising from the chem	ical				
Fire hazard	: In contact with water releases flammable gas. In case of fire, use sand, "never use water".				
5.3. Special protective equipment and preca	autions for fire-fighters				
Firefighting instructions Protection during firefighting	 In case of fire, use powder extinguisher, "never use water". In case of fire, never use water. Do not enter fire area without proper protective equipment, including respiratory protection. 				
SECTION 6: Accidental release measur	es				
6.1. Personal precautions, protective equip	ment and emergency procedures				
6.1.1. For non-emergency personnel					
Protective equipment	: Protective gloves. Safety glasses. Safety shoes. Protective clothing.				
Emergency procedures 6.1.2. For emergency responders	: Avoid contact with skin and eyes.				
Protective equipment	: Do not attempt to take action without suitable protective equipment.				
6.2. Environmental precautions					
No additional information available					
6.3. Methods and material for containment	and cleaning up				
For containment Methods for cleaning up	: On land, sweep or shovel into suitable containers. : Collect spillage.				
6.4. Reference to other sections					
No additional information available					
SECTION 7: Handling and storage					
7.1. Precautions for safe handling					
Precautions for safe handling	: Avoid contact with eyes. Contact lenses should be removed. Keep away from any possible contact with water, because of violent reaction and possible flash fire.				
7.2. Conditions for safe storage, including a	any incompatibilities				
Storage conditions	: Store this product in a dry location where it can be protected from the elements. Protect from				
Incompatible products	 moisture. Acids; reactive fluoridated, brominated, or phosphorous compounds; aluminum (may form hydrogen gas); reactive metals; organic acid anhydrides; nitro-organic compounds; interhalogenated compounds. 				
SECTION 8: Exposure controls/persona	al protection				
8.1. Control parameters					
FG65-DOL (Mixture)					
No additional information available					

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Auto-ignition temperature: No data availableDecomposition temperature: No data availableViscosity, kinematic: No data available		
Decomposition temperature : No data available Viscosity, kinematic : No data available		
	Decomposition temperature	: No data available
	Viscosity, kinematic	
VISCOSITY, dynamic : No data available	Viscosity, dynamic	: No data available

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Explosion limits : Explosive properties :	No data available No data available
	No data available
9.2. Other information	
No additional information available	
SECTION 10: Stability and reactivity	
10.1. Reactivity	
Reacts exothermically with water (moisture). Reacts wit generating heat.	h water to form Ca(OH)2, Mg(OH)2, and heat. Reacts with acids to form calcium salts while
10.2. Chemical stability	
No additional information available	
10.3. Possibility of hazardous reactions	
No additional information available	
10.4. Conditions to avoid	
Water, humidity.	
10.5. Incompatible materials	
Acids.	
10.6. Hazardous decomposition products Thermal decomposition generates : Carbon monoxide.	Carbon dioxido
SECTION 11: Toxicological information	
11.1. Information on toxicological effects Acute toxicity (oral) :	Not classified
	Not classified
Acute toxicity (inhalation) :	Not classified
Magnesium Oxide (1309-48-4)	
LD50 oral rat	> 5000 mg/kg (Rat, Literature study, Oral)
LD50 dermal rabbit	> 2000 mg/kg body weight (Rabbit, Literature study, Dermal)
calcium oxide (1305-78-8)	
LD50 oral rat	> 2000 mg/kg body weight (OECD 425: Acute Oral Toxicity: Up-and-Down Procedure, Rat, Female, Experimental value, Oral, 14 day(s))
LD50 dermal rabbit	> 2500 mg/kg body weight (EU Method B.3: Acute toxicity (dermal), 24 h, Rabbit, Male / female, Experimental value, Dermal, 14 day(s))
LC50 Inhalation - Rat	> 6.04 mg/l (OECD 436: Acute inhalation toxicity-acute toxic class method, 4 h, Rat, Male / female, Experimental value, Inhalation (dust), 15 day(s))
Skin corrosion/irritation :	Causes severe skin burns.
Magnesium Oxide (1309-48-4)	
рН	11 (10 %)
calcium oxide (1305-78-8)	
рН	12.5 (0.13 %, 20 °C)
cristobalite (14464-46-1)	
рН	6 - 7
Serious eye damage/irritation :	Assumed to cause serious eye damage
Magnesium Oxide (1309-48-4)	
рН	11 (10 %)
calcium oxide (1305-78-8)	
рН	12.5 (0.13 %, 20 °C)
L	1

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cristobalite (14464-46-1)					
рН	6 - 7				
Respiratory or skin sensitization :	Not classified				
Germ cell mutagenicity :	Not classified				
Carcinogenicity :	May cause cancer (Dust when sawing or tear out, Inhalation).				
Reproductive toxicity :	Not classified				
STOT-single exposure :	Not classified				
STOT-repeated exposure :	Not classified				
Aspiration hazard :	Not classified				
Viscosity, kinematic :	No data available				
Magnesium Oxide (1309-48-4)	1				
Viscosity, kinematic	Not applicable (solid)				
calcium oxide (1305-78-8)					
Viscosity, kinematic	Not applicable (solid)				
	May cause moderate irritation.				
Symptoms/effects after eye contact :	Causes serious eye irritation.				
SECTION 12: Ecological information					
12.1. Toxicity					
calcium oxide (1305-78-8)					
LC50 - Fish [1]	50.6 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Oncorhynchus mykiss, Static system,				
	Fresh water, Read-across, GLP)				
EC50 - Crustacea [1]	49.1 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Read-across, Locomotor effect)				
ErC50 algae	184.57 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Read-across, GLP)				
12.2. Persistence and degradability					
Magnesium Oxide (1309-48-4)					
Persistence and degradability	Not applicable.				
Chemical oxygen demand (COD)	Not applicable				
ThOD	Not applicable				
calcium oxide (1305-78-8)					
Persistence and degradability	Biodegradability: not applicable.				
Chemical oxygen demand (COD)	Not applicable (inorganic)				
ThOD	Not applicable (inorganic)				
cristobalite (14464-46-1)					
Persistence and degradability	Mineral. Not applicable.				
Chemical oxygen demand (COD)	Not applicable				
ThOD	Not applicable				
BOD (% of ThOD)	Not applicable				
12.3. Bioaccumulative potential					
Magnesium Oxide (1309-48-4)					
Bioaccumulative potential	No bioaccumulation data available.				
calcium oxide (1305-78-8)					
Bioaccumulative potential	Not bioaccumulative.				
cristobalite (14464-46-1)					
Bioaccumulative potential	No data available.				
12.4. Mobility in soil Magnesium Oxide (1309-48-4)					
Surface tension	No dota available in the literature				
Ecology - soil	No data available in the literature No data available.				
calcium oxide (1305-78-8)	Na data available in the literature				
Surface tension	No data available in the literature				
Ecology - soil	No (test) data on mobility of the substance available.				
cristobalite (14464-46-1)					
Ecology - soil	No data available.				
12.5. Other adverse effects					
No additional information available					

No additional information available

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SECTION 13: Disp	osal considerations				
13.1. Disposal meth	ods				
No additional information					
	sport information				
In accordance with DOT Department of Transportation of Dat Not regulated Transportation of Dat Not regulated Transport by sea Not regulated Air transport Not regulated	portation (DOT)				
	ulatory information				
15.1. US Federal reg	julations				
	product are present and listed a	as Active on the United St	tates Environmental Pro	tection Agency Toxic S	Substances Control Act
15.2. International re	egulations				
CANADA					
Magnesium Oxide					
	DSL (Domestic Substances Li	st)			
calcium oxide (130					
	DSL (Domestic Substances Li	st)			
cristobalite (14464-		- ()			
EU-Regulations	DSL (Domestic Substances Li	St)			
No additional information	n available				
National regulations					
No additional information	n available				
15.3. US State regul	ations				
FG65-DOL (Mixture)				
U.S California - Prop	osition 65 - Other information		crystalline silica, a chemi nation go to WWW.P65V		of California to cause
cristobalite (14464-	46-1)	·			
U.S California -	U.S California -	U.S California -	U.S California -	No significant risk	Maximum allowable
Proposition 65 - Carcinogens List	Proposition 65 - Developmental Toxicity	Proposition 65 - Reproductive Toxicity - Female	Proposition 65 - Reproductive Toxicity - Male	level (NSRL)	dose level (MADL)
Yes	No	No	No		
Component		Ctoto on local result	otiono		
	Component State or local regulations Magnocium Oxide (1200, 48, 4) ULS Magnocium Oxide (1200, 48, 4) ULS Magnocium Oxide (1200, 48, 4)				
calcium oxide (1305-78	Magnesium Oxide (1309-48-4) U.S Massachusetts - Right To Know List; U.S New Jersey - Right to Know Hazardous Substance List; U.S Pennsylvania - RTK (Right to Know) List Very Largery - Right to Know List; U.S New Jersey - Right to Know - Right to Kn				
Cristobalite (14464-46-					
Substance List; U.S Pennsylvania - RTK (Right to Know) List					
SECTION 16: Othe	er information				
	gister / Vol. 77, No. 58 / Monda		s and Regulations		
Revision date Other information		09/22/2022 Report language name	English In the event of	any conflict between	inglish and other language
	•	versions, the English ve		any connict Detweell E	inglish and other language
Full text of H-phrases					
	uses severe skin burns and eye	e damage			
	y cause cancer				
Safety Data Sheet (SDS). USA				

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