

Safety information sheet FAGA1PD5



Revision n. II of 2021.10.11

Replaces revision n. I of 2020.06.29

1.	IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE COMPANY			
1.1	Product identifier			
	Commercial name	Product code		
	FAGA1PD5			
1.2	Relevant identified uses of the mixture and advised uses			
	Industrial use			
1.3	Information on the supplier of the safety data sheet			
	Name	FAGGI ENRICO S.P.A.		
	Address	Via Majorana, 101/103 50019 Sesto Fiorentino FI		
	Telephone number	055311861		
	Fax number	055311791		
	Competent person responsible for the safety data sheet	lorenzo.magaldi@faggi.it		
1.4	Emergency telephone number	Ph 0557947819 Poison Control Center of Florence		
1.5	Registration number			
	A registration number is not available for this product as it is a mixture.			
2.	HAZARDS IDENTIFICATION			
2.1	Classification of the substance according to Regulation (EC) no. 1272/2008: Not dangerous			
2.2	Label elements: not applicable			
2.3	Other information	None		
3.	COMPOSITION INFORMATION ON INGREDIENTS			
3.1	Mixture			
	Product identifier	Concentration	Classification	
		%	Dangerous class	Category codes
	Aluminum oxide CAS 1344-28-1 EC 215-691-6 N. Reach 01-2119529248-35-XXXX	90 ≤ C ≤ 99	None	None
	Palladium CAS 7440-05-3 EC 231-115-6 N. Reach 01-2120140175-66-XXXX	1 ≤ C ≤ 10	None	None
4.	FIRST AID MEASURES			
4.1	Description of first aid measures			
	Inhalation: Remove from exposure and breathe fresh air. If breathing is difficult, call a doctor right away.			
	Ingestion: Consult a physician immediately. Do not induce vomiting without medical advice.			
	Skin contact: Remove contaminated clothing and shoes and wash immediately and abundantly with water for at least 15 minutes. Get medical attention if irritation occurs. Wash clothing before reuse. Thoroughly clean shoes before using them again.			

Safety information sheet
FAGA1PD5



Revision n. II of 2021.10.11

Replaces revision n. I of 2020.06.29

	Contact with eyes: Eliminate any contact lenses. Wash immediately with plenty of water for at least 15 minutes, opening the eyelids well. Consult a physician if the problem persists.	
	RECOMMENDATIONS:	
	• Need to see a doctor immediately	YES
	• Possibility of delayed effects following exposure	NO
	• Move the exposed individual from the place of exposure to open air	NO
	• Remove clothing and shoes of the exposed individual	YES
	• How to handle contaminated clothing	With gloves
	• For those providing first aid, wear PPE	YES
4.2	Most important symptoms and effects, both acute and delayed	
	Contact with eyes and skin and inhalation can cause irritation due to the abrasive action of the dust.	
4.3	Indication of any need to immediately consult a doctor and special treatments	
	No specific provisions are known.	
5.	FIRE FIGHTING MEASURES	
5.1	Fire fighting	
	Suitable extinguishing media	water spray, foam, powder
	Unsuitable extinguishing media	None
5.2	Special hazards arising from the substance or mixture	
	None	
5.3	Special recommendations for firefighters	
	Avoid raising dust clouds. Normal fire-fighting clothing, such as self-contained open-circuit compressed air breathing apparatus (EN137), flame retardant suit (EN469), flame retardant gloves (EN659) and firefighter boots (HOA29 or A30)	
6.	ACCIDENTAL RELEASE MEASURES	
6.1	Personal precautions, protective equipment and emergency procedures	
	6.1.1.	For those who do not intervene directly
		Move away in case of dust formation
	6.1.2.	For those who intervene directly
		In case of dry product, use respiratory protection devices (filter mask P2) and dust-proof gloves.
6.2	Environmental precautions	
	Prevent the product from reaching water surface or the sewage system	
6.3	Methods and materials for containment and cleaning up	
	6.3.1.	Recommendations on how to contain a spill
		Collect the dispersed product and wash the residue with plenty of water.
	6.3.2.	Recommendations on how to clean up a spill
		The fire extinguishing water must not be discharged into the sewers. Dispose of the contaminated water used for extinguishing and the residue of the fire according to current regulations. To avoid dust formation, spray water before cleaning.
	6.3.3.	Any other information
		None
6.4	References to other sections	
	None	

Safety information sheet
FAGA1PD5



Revision n. II of 2021.10.11

Replaces revision n. I of 2020.06.29

7.		HANDLING AND STORAGE	
	7.1.	Precautions for Safe Handling	
	7.1.1.	<i>Recommendations that allow the substance or mixture to be handled safely, such as containment and prevention measures for fires and for the formation of aerosols and dusts</i>	
		Avoid raising dust clouds.	
	7.1.2.	<i>Generic recommendations on occupational hygiene</i>	
		Do not eat, drink and smoke in work areas. Wash your hands after use. Remove contaminated clothing and protective equipment before entering eating areas	
	7.2.	Conditions for safe storage, including any incompatibilities	
	7.2.1.	Management of risks associated with explosive atmospheres, corrosive conditions, flammability hazards, incompatible substances and mixtures, evaporation conditions, potential sources of ignition	
		Store in closed original container	
	7.2.3.	Containment of the effects of weather conditions, pressure, temperature, sunlight, humidity and vibrations	
		Store in closed original closed container and in dry place	
	7.2.4.	Conditions for keeping substances / mixtures intact	
		None	
	7.2.5.	Provisions relating to ventilation, specific design of storage rooms or containers, quantitative limits in storage conditions, compatibility of packaging	
		None in particular	
	7.3.	Specific end uses	
		Industrial use	
8.		EXPOSURE CONTROL / PERSONAL PROTECTION	
	8.1.	Control parameters	
		No occupational and biological exposure limits have been established for this mixture. The limit values established for the contained substance are listed below <u>Aluminum oxide – Breathable fraction :</u> PEL: 5 mg / mc TWA: 5 mg / mc <u>Aluminum Oxide - Total Powder:</u> PEL: 15 mtg / mc TWA 10 mg / mc <u>Metallic aluminum and its insoluble compounds - Breathable fraction:</u> TWA: 1 mg / mc	
	8.2.	Exposure controls	
	8.2.1.	Appropriate technical controls	
		In the event of formation of dust, provide adequate ventilation and air exchange in the rooms.	
	8.2.2.	Individual protection measures, such as personal protective equipment	
		Eye / face protection	Glasses
		Skin protection (hands)	Gloves
		Skin (body) protection	Work clothing

Safety information sheet
FAGA1PD5



Revision n. II of 2021.10.11

Replaces revision n. I of 2020.06.29

		Respiratory protection	In adequately ventilated rooms, no form of respiratory protection is necessary but in the event of the possibility of the formation of dust clouds , fibers or fumes, use masks with P2 or P3 EN 143 filter
		Thermal hazards	None
	8.2.3.	Environmental exposure controls	
			Emissions from manufacturing processes, including those from ventilation equipment, should be controlled for compliance with environmental protection legislation.
9.		PHYSICAL AND CHEMICAL PROPERTIES	
	9.1	Information on basic physical and chemical properties	
		Appearance	White powder
		Smell	Odorless
		Odor threshold	Not applicable
		pH	7-9 at 100 g / l 20 ° C (dough)
		Melting point / freezing point	Not applicable
		Initial boiling point and boiling range	Not applicable
		Flash point	Scientifically not justified studies
		Evaporation rate	Not applicable
		Flammability (solid, gas)	Flammable in the dry state
		Upper / lower flammability or explosive limits	Not applicable
		Vapor pressure	Not applicable
		Vapor density	Not applicable
		Relative density (in solid form)	4 g / cm ³
		The solubility (ies)	Insoluble in water
		Partition coefficient n-octanol / water	Not applicable
		Self-ignition temperature	Not applicable
		Decomposition temperature	Not applicable
		Viscosity	Not applicable
		Explosive properties	Not explosive

Safety information sheet
FAGA1PD5



Revision n. II of 2021.10.11

Replaces revision n. I of 2020.06.29

		Oxidizing properties	Not oxidizing
9.2.		Other information None	
10.		STABILITY AND REACTIVITY'	
10.1		Reactivity Catalytic properties	
10.2		Chemical stability This product shows no reactivity under the specified conditions of storage, shipping and use.	
10.3		Possibility of hazardous reactions None	
10.4		Conditions to avoid None	
10.5		Incompatible materials None	
10.6		Hazardous decomposition products None	
11.		TOXICOLOGICAL INFORMATION	
11.1		Information on the toxicological effects of aluminum oxide	
		Acute toxicity	Oral : LD50 >2000 mg/kg (rat)
		Skin corrosion / irritation	Non-irritating and corrosive
		Serious eye damage / eye irritation	It does not cause injury / irritation
		Respiratory or skin sensitization	Not sensitizing
		Germ cell mutagenicity	Not mutagenic
		Carcinogenicity	Not carcinogenic
		Toxic for reproduction	Non toxic
		Specific target organ toxicity (STOT) single exposure	Non toxic
		Specific target organ toxicity (STOT) repeated exposure	Non toxic
		Aspiration hazard	Nobody
		Information on likely ways of exposure None	
11.2		Other information	

Safety information sheet
FAGA1PD5



Revision n. II of 2021.10.11

Replaces revision n. I of 2020.06.29

		None	
12.		ECOLOGICAL INFORMATION	
	12.1	Toxicity	Non toxic. The mixture is highly insoluble in water and is unlikely to cross biological membranes.
	12.2	Persistence and degradability	The substance is a refractory material and not subject to decomposition by any natural enzymatic or chemical process
	12.3	Bioaccumulation potential	The mixture is not bioaccumulative
	12.4	Mobility in soil	Not pertinent data
	12.5	Results of PBT and vPvB assessment	Not applicable
	12.7	Other adverse effects	None
13.		DISPOSAL CONSIDERATIONS	
	13.1.	Waste treatment methods	
			Both the mixture and the packaging must be sent to plants authorized for the disposal of industrial waste
14.		INFORMAZION ON TRASPORT	
			Not subject to ADR regulations
15.		REGULATORY INFORMATION	
	15.1	Health, safety and environmental legislation and regulations specific to the substance or mixture	Applicability
		Reg. (EC) 1907/2006 / EC Reach	YES
		Reg. (EC) 1272/2008 CLP and following changes and additions	YES
		Reg. (CE) 2037/2000 "Substances that deplete the ozone layer"	NO
		Reg. (EC) 850/2004 "Persistent organic pollutants"	NO
		Reg. (EC) 689/2008 "export and import of dangerous chemicals"	NO
		Substance listed in Annex I of Dir. 2012/18 / EU so-called Seveso	NO
		Legislative Decree 81/2008 Consolidated Law on health and safety at work	YES
		Directive 2014/103 / EU "Adr"	NO
	15.2	Chemical safety assessment	
			A chemical safety assessment was not carried out
16.		OTHER INFORMATION	
		Changes compared to previous edition	
			Amendment to section 1
		Key to abbreviations and acronyms	
			ADR: European agreement concerning the international transport of dangerous goods by road GHS: Globally Harmonized System of Classification and Labeling of Substances EINECS: European Inventory of Chemical Substances CAS: Chemical Abstract Service
		Main bibliographic references and data sources	
			ECHA database on registered substances and those under registration: http://echa.europa.eu/web/guest/information-on-chemicals/registered-substances

Safety information sheet
FAGA1PD5



Revision n. II of 2021.10.11

Replaces revision n. I of 2020.06.29

			Adequate training for workers in order to ensure the protection of human health and the environment
			<ul style="list-style-type: none">• Training on DPI