

# Safety information sheet

## OXY FAST FAGS1Pd2 - OXY FAST FAGS1Pd



Revision n. VI – 05.12.2022

Replaces versions V - 05.10.2022

<b>1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE COMPANY</b>				
<b>1.1 Product identifier</b>				
Chemical name	Product code			
OXY FAST FAGS1Pd2	187			
OXY FAST FAGS1Pd	348			
<b>1.2 Relevant identified uses of the mixture and advised uses</b>				
Recommended uses: industrial use				
Uses advised against: none in particular				
<b>1.3 Information on the supplier of the safety data sheet</b>				
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			
<b>1.4 Emergency telephone number</b>	111 - Medical helpline operating in England, in Scotland (NHS 24) and in Wales (NHS Direct Wales)			
<b>1.5 Registration number</b>				
A registration number is not available for this product as it is a mixture.				
<b>2. HAZARDS IDENTIFICATION</b>				
<b>2.1 Classification of the substance according to Regulation (EC) no. 1272/2008: not dangerous</b>				
<b>2.2 Label elements: not applicable</b>				
<b>2.3 Other hazards</b>				
It does NOT contain PBT / vPvB substances according to Regulation (EC) 1907/2006, annex XIII				
It does NOT contain substances that interfere with the endocrine system in accordance with Regulation (EC) 1907/2006 art.59 paragraph 1 and in accordance with the criteria established in Regulation (EU) 2017/2100 and Regulation (EU) 2018/605.				
<b>3. COMPOSITION INFORMATION ON INGREDIENTS</b>				
<b>3.1 Mixure</b>				
<b>Product identification</b>		<b>Concentration %</b>	<b>Classification</b>	
			<b>Hazard class</b>	<b>Category codes</b>
Silicic acid, sodium aluminum salt CAS 1344-00-9 EC: 215-684-8 INDEX: not available N° REACH: 01-2119429887-22-XXXX ATE: not applicable M factors: non applicable		97.5 ≤ C ≤ 98.5	None	None
Palladium CAS 7440-05-03 EC: 231-115-6 INDEX: not available		1.5 ≤ C ≤ 2.5	None	None

# Safety information sheet

## OXY FAST FAGS1Pd2 - OXY FAST FAGS1Pd



Revision n. VI – 05.12.2022

Replaces versions V - 05.10.2022

		N.Reach: 01-2120140175-66-XXXX ATE: not applicable M factors: non applicable			
4.		<b>FIRST AID MEASURES</b>			
	4.1	<b>Description of first aid measures</b>			
		Inhalation: In case of irritation of the respiratory tract, take to fresh air. See a doctor if symptoms worsen or persist.			
		Ingestion: if the amount ingested is known and it is important: consult a doctor immediately. Do not induce vomiting. Do not give water to an unconscious person.			
		Skin contact: Remove contaminated clothing and shoes and wash skin immediately with plenty of water for at least 15 minutes. Get medical attention if irritation occurs. Wash clothing before reuse. Clean your shoes thoroughly before using them again.			
		Eye contact: 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.			
		<b>RECOMMENDATIONS:</b>			
		• Need to see a doctor immediately	NO		
		• 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	<b>Most important symptoms and effects, both acute and delayed</b>			
		Contact with eyes and skin and inhalation can cause irritation due to the abrasive action of the dust.			
	4.3	<b>Indication of any need to immediately consult a doctor and special treatments</b>			
		No specific provisions are known.			
5.		<b>FIRE FIGHTING MEASURES</b>			
	5.1	<b>Fire fighting</b>			
		Suitable extinguishing media	Carbon dioxide, dry chemical powder, foam. Diffusion water jet		
		Unsuitable extinguishing media	The use of a compact jet can spread the fire.		
	5.2	<b>Special hazards arising from the substance or mixture</b>			
		None			
	5.3	<b>Special recommendations for firefighters</b>			
		Protective clothing with self-contained breathing apparatus			
6.		<b>ACCIDENTAL RELEASE MEASURES</b>			
	6.1	<b>Personal precautions, protective equipment and emergency procedures</b>			
	6.1.1.	<b>For those who do not intervene directly</b>			
		Remove unnecessary personnel			
	6.1.2.	<b>For those who intervene directly</b>			

# Safety information sheet

## OXY FAST FAGS1Pd2 - OXY FAST FAGS1Pd



Revision n. VI – 05.12.2022

Replaces versions V - 05.10.2022

		Keep upwind. Isolate the exposure. Wear appropriate protective equipment. Wear suitable clothing (see point 8)
<b>6.2</b>	<b>Environmental precautions</b>	Prevent spillage into sewers or waterways.
<b>6.3</b>	<b>Methods and materials for containment and cleaning up</b>	
	<b>6.3.1.</b> <b>Recommendations on how to contain a spill</b>	Collect the dispersed product and wash the residue with plenty of water.
	<b>6.3.2.</b> <b>Recommendations on how to clean up a spill</b>	The extinguishing water from the fire 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.
	<b>6.3.3.</b> <b>Any other information</b>	None
<b>6.4</b>	<b>References to other sections</b>	None
<b>7.</b>	<b>HANDLING AND STORAGE</b>	
<b>7.1.</b>	<b>Precautions for Safe Handling</b>	
	<b>7.1.1.</b> <b>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</b>	Avoid inhaling the dusts. Avoid contact with eyes and skin. Avoid the suspension in the air of pulverized materials.
	<b>7.1.2.</b> <b>Generic recommendations on occupational hygiene</b>	Do not eat, drink and smoke in work areas. Wash your hands after use. Remove contaminated clothing and protective equipment before entering eating areas
<b>7.2.</b>	<b>Conditions for safe storage, including any incompatibilities</b>	
	<b>7.2.1.</b> <b>Management of risks associated with explosive atmospheres, corrosive conditions, flammability hazards, incompatible substances and mixtures, evaporation conditions, potential sources of ignition</b>	Keep in the original packaging and close them immediately after use.
	<b>7.2.3.</b> <b>Containment of the effects of weather conditions, pressure, temperature, sunlight, humidity and vibrations</b>	Keep in closed original container
	<b>7.2.4.</b> <b>Conditions for keeping substances / mixtures intact</b>	None
	<b>7.2.5.</b> <b>Provisions relating to ventilation, specific design of storage rooms or containers, quantitative limits in storage conditions, compatibility of packaging</b>	None in particular
<b>7.3.</b>	<b>Specific end uses</b>	Industrial use
<b>8.</b>	<b>EXPOSURE CONTROL / PERSONAL PROTECTION</b>	
<b>8.1.</b>	<b>Control parameters</b>	For this mixture, the occupational and biological exposure limits do not sound stable.
<b>8.2.</b>	<b>Exposure controls</b>	

# Safety information sheet

## OXY FAST FAGS1Pd2 - OXY FAST FAGS1Pd



Revision n. VI – 05.12.2022

Replaces versions V - 05.10.2022

		<b>8.2.1.</b> <b>Appropriate technical controls</b>
		Minimize exposure by respecting good industrial hygiene practices. Ensure adequate ventilation to minimize dust concentrations.
	<b>8.2.2.</b>	<b>Individual protection measures, such as personal protective equipment</b>
		<b>Eye / face protection</b> Glasses
		<b>Skin protection (hands)</b> Waterproof gloves for prolonged contact
		<b>Skin (body) protection</b> Working clothes
		<b>Respiratory protection</b> In case of insufficient ventilation use respiratory equipment.
		<b>Thermal hazards</b> None
	<b>8.2.3.</b>	<b>Environmental exposure controls</b>
		Emissions from manufacturing processes, including those from ventilation equipment should be controlled for compliance with environmental protection legislation.
<b>9.</b>		<b>PHYSICAL AND CHEMICAL PROPERTIES</b>
	<b>9.1</b>	<b>Information on basic physical and chemical properties</b>
		Appearance White solid
		Odor Odorless
		pH About 10 (aqueous suspension 50 g / L at 20 ° C)
		Melting point / freezing point 550 ° C
		Initial boiling point and boiling range Not available
		Flash point Not flammable
		Evaporation rate Not applicable
		Flammability (solid, gas) Not flammable
		Upper / lower flammability or explosive limits Not explosive
		Vapor pressure Not applicable
		Vapor density Not applicable
		Relative density 2.02 g / cm <sup>3</sup>
		Solubility (ies) 70 mg / l at 20 ° C
		Partition coefficient n-octanol / water Not applicable
		Auto-ignition temperature Non-flammable
		Decomposition temperature Not applicable
		Viscosity Not applicable
	<b>9.2.</b>	<b>Other information</b>
		None
<b>10.</b>		<b>STABILITY AND REACTIVITY'</b>
	<b>10.1</b>	<b>Reactivity</b>
		Catalytic properties
	<b>10.2</b>	<b>Chemical stability</b>
		Stable

# Safety information sheet

## OXY FAST FAGS1Pd2 - OXY FAST FAGS1Pd



Revision n. VI – 05.12.2022

Replaces versions V - 05.10.2022

	<b>10.3</b>	<b>Possibility of hazardous reactions</b>	
		No information available	
	<b>10.4</b>	<b>Conditions to avoid</b>	
		Keep away from oxidizing agents. Avoid the suspension in the air of pulverized materials.	
	<b>10.5</b>	<b>Incompatible materials</b>	
		Keep away from oxidizing agents	
	<b>10.6</b>	<b>Hazardous decomposition products</b>	
		Toxic fumes: aluminum oxides. Sodium. Silicon	
<b>11.</b>		<b>TOXICOLOGICAL INFORMATION</b>	
	<b>11.1</b>	<b>Information on the toxicological effects of aluminum oxide</b>	
		Acute toxicity HAS SILICAT (1344-00-9)	LD 50 oral rat: 5000 mg / kg LD50 skin rabbit > 2000 mg / kg
		Skin corrosion / irritation	Based on available data, the classification criteria are not met
		Serious eye damage / eye irritation	Based on available data, the classification criteria are not met
		Respiratory or skin sensitization	Based on available data, the classification criteria are not met
		Germ cell mutagenicity	Based on available data, the classification criteria are not met
		Carcinogenicity	Based on available data, the classification criteria are not met
		Reproductive toxicity	Based on available data, the classification criteria are not met
		Specific target organ toxicity (STOT) single exposure	Based on available data, the classification criteria are not met
		Specific target organ toxicity (STOT) repeated exposure No data available	Based on available data, the classification criteria are not met
	<b>11.2</b>	<b>Other information</b>	
		None	
<b>12.</b>		<b>ECOLOGICAL INFORMATION</b>	

# Safety information sheet

## OXY FAST FAGS1Pd2 - OXY FAST FAGS1Pd



Revision n. VI – 05.12.2022

Replaces versions V - 05.10.2022

	<b>12.1</b>	<b>Toxicity</b>	LC50 fish >1800 mg/l 96 hours EC50 daphnia >1000 mg/l 48 hours
	<b>12.2</b>	<b>Persistence and degradability</b>	No other information available
	<b>12.3</b>	<b>Bioaccumulation potential</b>	No other information available
	<b>12.4</b>	<b>Mobility in soil</b>	No other information available
	<b>12.5</b>	<b>Results of PBT and vPvB assessment</b>	Not applicable
	<b>12.6</b>	<b>Properties of interference with the endocrine system</b>	Not known effects
	<b>12.7</b>	<b>Other adverse effects</b>	None known effects
<b>13.</b>		<b>DISPOSAL CONSIDERATIONS</b>	
	<b>13.1.</b>	<b>Waste treatment methods</b>	Both the mixture and the packaging must be sent to plants authorized for the disposal of industrial waste
<b>14.</b>		<b>TRANSPORT INFORMATION</b>	
	<b>14.1</b>	<b>UN number or ID number</b>	Not subject to ADR regulations
	<b>14.2</b>	<b>UN proper shipping name</b>	
	<b>14.3</b>	<b>Transport hazard class</b>	
	<b>14.4</b>	<b>Packing group</b>	
	<b>14.5</b>	<b>Environmental hazards</b>	
	<b>14.6</b>	<b>Special precautions for users</b>	
	<b>14.7</b>	<b>Bulk sea transport in accordance with IMO acts</b>	
<b>15.</b>		<b>REGULATORY INFORMATION</b>	
	<b>15.1</b>	<b>Health, safety and environmental legislation and regulations specific to the substance or mixture</b>	<b>Applicability</b>
		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
		Reg. (CE) 1907/2006/CE Reach art. 59 – Candidate List of Substances of Very High Concern (SVHC)	NO
		Reg. (CE) 1907/2006/CE Reach - Annex XIV – Authorisation List	NO
		Reg. (CE) 1907/2006/CE Reach - Annex XVII – Restriction List <a href="https://echa.europa.eu/it/substances-restricted-under-reach">https://echa.europa.eu/it/substances-restricted-under-reach</a>	NO
	<b>15.2</b>	<b>Chemical safety assessment</b>	
		A chemical safety assessment was not carried out	
<b>16.</b>		<b>OTHER INFORMATION</b>	

## Safety information sheet

### OXY FAST FAGS1Pd2 - OXY FAST FAGS1Pd



Revision n. VI – 05.12.2022

Replaces versions V - 05.10.2022

		<b>Changes compared to previous edition</b>
		Regulatory amendment
		<b>Key to abbreviations and acronyms</b>
		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
		<b>Main bibliographic references and data sources</b> ECHA database on registered substances and those under registration: <a href="http://echa.europa.eu/web/guest/information-on-chemicals/registered-substances">http://echa.europa.eu/web/guest/information-on-chemicals/registered-substances</a>
		<b>Indication, for mixtures, of which methods of evaluation of the information have been used for the purposes of classification</b>
		<b>Adequate training for workers to ensure the protection of human health and the environment</b>
		<b>Classification : Not dangerous</b>
		<b>Classification procedure:</b> Calculation method
		<b>Training on Chemical Risk pursuant to Legislative Decree 81/08 Title IX dangerous substances</b> <ul style="list-style-type: none"><li>• Training on PPE</li><li>• Training on Chemical Risk pursuant to Legislative Decree 81/08 Title IX dangerous substances</li></ul>