

# Safety information sheet



## OXY FAST FAGS1Pd2

Revision n. IV of 2021.11.02

Replaces versions III of 2019.21.01

### 1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE COMPANY

#### 1.1 Product identifier

Chemical name OXY FAST FAGS1Pd2  
Product code 187

#### 1.2 Relevant identified uses of the mixture and advised uses

Recommended uses: industrial use

Uses advised against : none in particular

#### 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 hazards

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.

### 3. COMPOSITION INFORMATION ON INGREDIENTS

#### 3.1 Mixture

Product identification	Concentration %	Classification	
		Hazard class	Category codes
Silicic acid, sodium aluminum salt	97.5 ≤ C ≤ 98.5	None	None
CAS 1344-00-9			
EC: 215-684-8			
N° REACH: 01-2119429887-22-XXXX			
Palladium	1.5 ≤ C ≤ 2.5	None	None

### 4. FIRST AID MEASURES

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#### 4.1 Description of first aid measures

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.

#### RECOMMENDATIONS:

- **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 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 Carbon dioxide, dry chemical powder, foam. Diffusion water jet

Unsuitable extinguishing media The use of a compact jet can spread the fire.

#### 5.2 Special hazards arising from the substance or mixture

None

#### 5.3 Special recommendations for firefighters

Protective clothing with self-contained breathing apparatus

### 6. ACCIDENTAL RELEASE MEASURES

#### 6.1 Personal precautions, protective equipment and emergency procedures

##### 6.1.1. For those who do not intervene directly

Remove unnecessary personnel

##### 6.1.2. For those who intervene directly

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Keep upwind. Isolate the exposure. Wear appropriate protective equipment. Wear suitable clothing (see point 8)

#### 6.2 Environmental precautions

Prevent spillage into sewers or waterways.

#### 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 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.

##### 6.3.3. Any other information

None

#### 6.4 References to other sections

None

### 7. HANDLING AND STORAGE

#### 7.1. Precautions for Safe Handling

##### 7.1.1. *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*

Avoid inhaling the dusts. Avoid contact with eyes and skin. Avoid the suspension in the air of pulverized materials.

##### 7.1.2. *Generic recommendations on occupational hygiene*

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

Keep in the original packaging and close them immediately after use.

##### 7.2.3. Containment of the effects of weather conditions, pressure, temperature, sunlight, humidity and vibrations

Keep in closed original container

##### 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

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#### 8. EXPOSURE CONTROL / PERSONAL PROTECTION

##### 8.1. Control parameters

For this mixture, the occupational and biological exposure limits do not sound stable.

##### 8.2. Exposure controls

###### 8.2.1. Appropriate technical controls

Minimize exposure by respecting good industrial hygiene practices. Ensure adequate ventilation to minimize dust concentrations.

###### 8.2.2. Individual protection measures, such as personal protective equipment

<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

###### 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 solid
Odor	Odorless
pH	About 10 (aqueous suspension 50 g / L at 20 ° C)
Melting point / freezing point	1710 ° 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

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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

#### 9.2. Other information

None

#### 10. STABILITY AND REACTIVITY'

##### 10.1 Reactivity

Catalytic properties

##### 10.2 Chemical stability

Stable

##### 10.3 Possibility of hazardous reactions

No information available

##### 10.4 Conditions to avoid

Keep away from oxidizing agents. Avoid the suspension in the air of pulverized materials.

##### 10.5 Incompatible materials

Keep away from oxidising agents

##### 10.6 Hazardous decomposition products

Toxic fumes: aluminum oxides. Sodium. Silicon

#### 11. TOXICOLOGICAL INFORMATION

##### 11.1 Information on the toxicological effects of aluminum oxide

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

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	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>	
<b>12.1</b>	<b>Toxicity</b>	CL50 fish >1800 mg/l 96 hours CE50 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 know 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	

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<b>14.</b>	<b>INFORMAZION ON TRASPORT</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
<b>15.2</b>	<b>Chemical safety assessment</b>	
	A chemical safety assessment was not carried out	
<b>16.</b>	<b>OTHER INFORMATION</b>	
	<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>	

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**Adequate training for workers to ensure the protection of human health and the environment**

**Classification : Not dangerous**

**Classification procedure:** Calculation method

**Training on Chemical Risk pursuant to Legislative Decree 81/08 Title IX dangerous substances**

- Training on DPI
- Training on Chemical Risk pursuant to Legislative Decree 81/08 Title IX dangerous substances