

SAFETY DATA SHEET
According to Regulation n. 1907/2006 and Regulation 830/2015
OXY FAST FAGS1PD2



Revision n. III dd 01.21.2019
Replaces revision n II dd 12.11.2018

1. IDENTIFICATION OF THE SUBSTANCE AND COMPANY

1.1 Product Identifier

Denomination OXY FAST FAGS1Pd2

1.2 Substance or Mixture Identified pertinent uses and suggested uses

Catalyst for synthesis

1.3 Safety Data Sheet supplier information

EU market introducing responsible

Name FAGGI ENRICO S.P.A.
Address Via Majorana, 101/103 50019 Sesto Fiorentino FI
Telephone number 055311861
Fax number 055311791
Qualified person responsible for SDS lorenzo.magaldi@faggi.it

1.4 Emergency Telephone Number: Tel. 0557947819 Centro Antiveleni di Firenze

1.5 Registry number

For this product is not available a registration number as a mixture

2. HAZARDS IDENTIFICATION

2.1 Mixture classification according to Reg. (CE) n. 1272/2008 : Not dangerous

2.2 Label elements : not applicable

Other dangers None

3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Mixture

Product identification	Concentration %	Classification	
		Danger class	Hazard statements
Silicic Acid, sodium aluminum salt CAS 1344-00-9 REACH N°: 01-2119429887-22	98	None	None
Palladium CAS 7440-05-3 REACH N°: Not available due to the annual amount of produced/imported substance.	2	None	None

4. FIRST AID MEASURES

4.1 First aid measures

Inhalation If irritation occurs, leave contaminated room immediately. If breathing is difficult, call a doctor immediately.

Ingestion If the amount ingested is huge: consult a doctor immediately. Do not induce vomiting. Do not give water to an unconscious person.

Skin contact In case of 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 shoes thoroughly before reuse.

SAFETY DATA SHEET
According to Regulation n. 1907/2006 and Regulation 830/2015
OXY FAST FAGS1PD2



Revision n. III dd 01.21.2019
Replaces revision n II dd 12.11.2018

7.1.1. General recommendations

Avoid raising dust clouds. Avoid contact with eyes and skin. Avoid to inhale dust..

7.1.2. General recommendations on personal hygiene

do not eat, drink or smoke in work areas; Wash hands thoroughly after use and remove contaminated clothing and protective equipment before entering areas where you eat.

7.2. Conditions for safe storage, including any incompatibilities

7.2.1. Managing the risks associated with explosive atmospheres, corrosive conditions, dangers of flammability, incompatible substances and mixtures, evaporation conditions, potential ignition sources

Keep the product into closed original container. Store at room temperature.

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

Store in original closed container

7.2.4. Precautions for maintaining integrity of the substances

None

7.2.5. Provisions on ventilation, specific design for storage rooms or vessels, quantity limits under storage conditions, packaging compatibilities

None

7.3. Specific end use

Catalyst for synthesis

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

No limits for occupational and biological exposure have been established for this mixture.

8.2. Exposure controls:

8.2.1. Appropriate engineering 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

Protection Eye / face	Wear safety glasses
Skin protection (Hands)	Long contact waterproof gloves
Skin protection (Body)	Working clothes
Respiratory protection	In case of insufficient ventilation use respiratory equipment.
Thermal hazards	None

8.2.3. Environmental exposure controls

Emissions from the production processes, including those from ventilation should be monitored for the purposes of compliance with environmental protection

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Basic Information on physical and chemical properties

Appearances Solid

Colour White

SAFETY DATA SHEET
According to Regulation n. 1907/2006 and Regulation 830/2015
OXY FAST FAGS1PD2



Revision n. III dd 01.21.2019
Replaces revision n II dd 12.11.2018

Odour	Odourless
Odour Threshold	Not applicable
pH	Da 10 a 12 (water suspension 20g/100 ml)
Melting point/freezing	Not applicable
Initial boiling point and boiling range:	Not applicable
Flash point	Not applicable
Evaporation Rate	Not applicable
Flammability (solid & gas)	Not applicable
Upper/Lower flammability or explosive limits	Not applicable
Vapour pressure	Not applicable
Vapour Density	Not applicable
Bulk density	0.44-0.8 g/m ³
Solubility in water	70 mg/l at 20 °C
Partition coefficient n-octanol/Water	Not applicable
Auto-ignition Temperature	Not available
Decomposition Temperature	Not applicable
Viscosity	Not applicable
Explosive Properties	Not available
Oxydising Properties	Not available

9.2. Other informations

None

10. STABILITY AND REACTIVITY

10.1 Chemical Reactivity

Catalitical properties

10.2 Chemical stability

Stable

10.3 Possibility of hazardous reactions

SAFETY DATA SHEET
According to Regulation n. 1907/2006 and Regulation 830/2015
OXY FAST FAGS1PD2



Revision n. III dd 01.21.2019
 Replaces revision n II dd 12.11.2018

10.4	No information available Conditions to avoid Store away from oxidizing agents. Avoid the suspension of pulverized materials in the air.																						
10.5	Incompatible materials Oxidizing substances																						
10.6	Hazardous decomposition products Toxic fumes: aluminium oxides. Sodium. Silicon																						
11.	TOXICOLOGICAL INFORMATION																						
11.1	Information on toxicological effects of activated carbon Acute toxicity HAS SILICAT (1344-00-9): <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;"></td> <td>Oral LD 50 Rat: 5000 mg/kg</td> </tr> <tr> <td></td> <td>Cutaneous LD 50 Rabbit: > 2000 mg/kg</td> </tr> </table> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Corrosion / irritation</td> <td>Not classified</td> </tr> <tr> <td>Eye irritations/damages</td> <td>Not classified</td> </tr> <tr> <td>Sensitization</td> <td>not sensitizing.</td> </tr> <tr> <td>Mutagenicity</td> <td>Not mutagenic</td> </tr> <tr> <td>Carcinogenicity:</td> <td>Not carcinogenic</td> </tr> <tr> <td>Reproductive toxicity</td> <td>Not Classified</td> </tr> <tr> <td>Specific target organ toxicity (STOT) - single exposure</td> <td>no data available</td> </tr> <tr> <td>Specific target organ toxicity (STOT) – repeated exposure</td> <td>no data available</td> </tr> <tr> <td>Inhalation hazards</td> <td>no data available</td> </tr> </table>		Oral LD 50 Rat: 5000 mg/kg		Cutaneous LD 50 Rabbit: > 2000 mg/kg	Corrosion / irritation	Not classified	Eye irritations/damages	Not classified	Sensitization	not sensitizing.	Mutagenicity	Not mutagenic	Carcinogenicity:	Not carcinogenic	Reproductive toxicity	Not Classified	Specific target organ toxicity (STOT) - single exposure	no data available	Specific target organ toxicity (STOT) – repeated exposure	no data available	Inhalation hazards	no data available
	Oral LD 50 Rat: 5000 mg/kg																						
	Cutaneous LD 50 Rabbit: > 2000 mg/kg																						
Corrosion / irritation	Not classified																						
Eye irritations/damages	Not classified																						
Sensitization	not sensitizing.																						
Mutagenicity	Not mutagenic																						
Carcinogenicity:	Not carcinogenic																						
Reproductive toxicity	Not Classified																						
Specific target organ toxicity (STOT) - single exposure	no data available																						
Specific target organ toxicity (STOT) – repeated exposure	no data available																						
Inhalation hazards	no data available																						
11.2	Information about exposure routes None																						
11.3	Symptoms related to physical, chemical and toxicological characteristics None																						
11.4	Immediate, delayed and chronic effects arising from short and long-term exposure None																						
11.5	Interactive effects None																						
11.6	Specific data not available No specific data																						
11.7	Other information None																						
12.	Ecological informations HAS SILICAT (1344-00-9) Toxicity <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;"></td> <td>CL50 Fish >1800 mg/l 96h</td> </tr> <tr> <td></td> <td>CE50 Daphnia >1000 mg/l 96h</td> </tr> </table> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Persistence and degradability</td> <td>No further data available</td> </tr> <tr> <td>Bioaccumulative potential</td> <td>No further data available</td> </tr> <tr> <td>Mobility in soil</td> <td>No further data available</td> </tr> <tr> <td>Results of PBT and vPvB evaluation</td> <td>Not applicable</td> </tr> </table>		CL50 Fish >1800 mg/l 96h		CE50 Daphnia >1000 mg/l 96h	Persistence and degradability	No further data available	Bioaccumulative potential	No further data available	Mobility in soil	No further data available	Results of PBT and vPvB evaluation	Not applicable										
	CL50 Fish >1800 mg/l 96h																						
	CE50 Daphnia >1000 mg/l 96h																						
Persistence and degradability	No further data available																						
Bioaccumulative potential	No further data available																						
Mobility in soil	No further data available																						
Results of PBT and vPvB evaluation	Not applicable																						

SAFETY DATA SHEET
According to Regulation n. 1907/2006 and Regulation 830/2015
OXY FAST FAGS1PD2



Revision n. III dd 01.21.2019
 Replaces revision n II dd 12.11.2018

Other adverse effects None

13. DISPOSAL CONSIDERATIONS

13.1. 13. Methods of Waste Treatment:

Either the mixture or packages must be sent to approved facilities for the disposal of industrial waste

14. TRANSPORT INFORMATION

14. ADR / RID (Land Transport): Not subject. For the preparation of this mixture is used a coal steam-activated and consequently is not classified as dangerous goods. Reference ADR special provision 646

ICAO / IATA (air transport): is not subject

IMDG (sea transport): is not subject

15. REGULATORY INFORMATION

15.1	Legislazione	Applicabilità
	Reg. (CE) 1907/2006/CE Reach	SI
	Reg. (EC) 1272/2008 and subsequent CLP. amendments and additions	SI
	Reg. (EC) 2037/2000 "substances that deplete the ozone layer"	NO
	Reg. (EC) 850/2004 "Persistent organic pollutants"	NO
	Reg. (EC) 689/2008 "export and import hazardous chemicals"	NO
	Substance listed in Annex I of Dir. 96/82 / EC - "Seveso II" Directive, which was transposed into national legislation by the Legislative Decree 334/99	NO
	Italian Legislative Decree 81/2008 (Consolidated Act on protection of health and safety in the workplace), as amended Directive 2014/103/UE "Adr"	SI
	Directive 2014/103/UE "Adr"	NO

15.2 Chemical Safety Assessment
 A chemical safety assessment has not been carried out.

16. OTHER INFORMATION

16.1 Data compared to the previous version:
 Modified section 1

16.2 Abbreviations and acronyms
 ADR: European Agreement on the transport of dangerous goods by road
 RID: International Regulations on the Transport of Dangerous Goods by Rail.
 IMDG: International Marine Code for Dangerous Goods
 IATA: the international air transport association
 IATA-DGR: Dangerous Goods Regulations' Association aviation
 ICAO: International Civil Aviation.
 ICAO-TI: Technical Instructions by the international Civil Aviation Organization
 GHS: Globally Harmonized System of Classification and Labelling of Chemicals.
 CAS: Chemical Abstracts Service
 LC50: Lethal concentration, 50 percent
 LD50: Lethal dose, 50 percent

SAFETY DATA SHEET
According to Regulation n. 1907/2006 and Regulation 830/2015
OXY FAST FAGS1PD2



Revision n. III dd 01.21.2019
Replaces revision n II dd 12.11.2018

16.3 Key literature references and sources of the data on this MSDS:

<http://echa.europa.eu/web/guest/information-on-chemicals/registered-substances>
platform ESIS <http://esis.jrc.ec.europa.eu>
Safety data sheets of the suppliers of substances used in the formulation

16.4 Classification and procedure used to derive it in accordance with Reg. (EC) 1272/2008 in relation to the mixtures.

Classification according to Regulation (CE) 1272/2008	Classification Procedure
Not Dangerous	Method of calculation

16.5. Formazioni adeguate per i lavoratori al fine di garantire la protezione della salute umana e dell'ambiente

- Training in accordance with the provisions of the Legislative Decree 81/2008 (Consolidated Act on protection of health and safety in the workplace), as amended.
- PPE use

16.6. Other informations

None