

SAFETY DATA SHEET

Version
3.0 Revision Date
09/04/2017

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifiers

Product name : Heterogeneous Palladium Catalysts Kit I
Brand : SAM

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Laboratory chemicals, Manufacture of substances

1.3 Details of the supplier of the safety data sheet

Company : Stanford Advanced Materials
23661 Birtcher Dr.
Lake Forest, CA 92630
USA

Telephone : +1 (949) 407-8904
Fax : +1 (949) 812-6690

1.4 Emergency telephone number

Emergency Phone # : +1 (949) 407-8904

This is a summary MSDS for a kit, for the full MSDS for each of the components listed in section 16 please visit our website.

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Skin irritation (Category 2), H315
Eye irritation (Category 2A), H319
Skin sensitisation (Category 1), H317

For the full text of the H-Statements mentioned in this Section, see Section 16.

2.2 GHS Label elements, including precautionary statements

Pictogram



Signal word

Warning

Hazard statement(s)

H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.

Precautionary statement(s)

P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P264 Wash skin thoroughly after handling.
P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear protective gloves/ eye protection/ face protection.
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove

P321	contact lenses, if present and easy to do. Continue rinsing.
P333 + P313	Specific treatment (see supplemental first aid instructions on this label).
P337 + P313	If skin irritation or rash occurs: Get medical advice/ attention.
P362	If eye irritation persists: Get medical advice/ attention.
P501	Take off contaminated clothing and wash before reuse.
	Dispose of contents/ container to an approved waste disposal plant.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS - none

3. COMPOSITION/INFORMATION ON

INGREDIENTS Refer to component MSDS

4. FIRST AID MEASURES

Refer to component MSDS

5. FIREFIGHTING MEASURES

Refer to component MSDS

6. ACCIDENTAL RELEASE MEASURES

Refer to component MSDS

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.
For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

8. EXPOSURE CONTROLS/PERSONAL

PROTECTION Refer to component MSDS

9. PHYSICAL AND CHEMICAL PROPERTIES

Refer to component MSDS

10. STABILITY AND REACTIVITY

Refer to component MSDS

11. TOXICOLOGICAL INFORMATION

Refer to component MSDS

12. ECOLOGICAL INFORMATION

Refer to component MSDS

13. DISPOSAL CONSIDERATIONS

Refer to component MSDS

14. TRANSPORT INFORMATION

DOT (US)

UN number: 3316 Class: 9
Proper shipping name: Chemical kits

Packing group: III

Reportable Quantity (RQ): 286 lbs

Marine pollutant: No

Poison Inhalation Hazard: No

IMDG

UN number: 3316 Class: 9

Packing group: III

EMS-No: F-A, S-P

Proper shipping name: CHEMICAL KIT

Marine pollutant: No

IATA

UN number: 3316 Class: 9

Packing group: III

Proper shipping name: Chemical kit

15. REGULATORY INFORMATION

SARA 302 Components

The following components are subject to reporting levels established by SARA Title III, Section 302:

	CAS-No.	Revision Date
Pd/C	-	
Pearlman's catalyst	12135-22-7	
	-	
	-	
Pd/C	-	
	-	

SARA 313 Components

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

Acute Health Hazard, Chronic Health Hazard

Massachusetts Right To Know Components

	CAS-No.	Revision Date
Pd/C	-	
Pearlman's catalyst	12135-22-7	
	-	
	-	
Pd/C	-	
	-	

Pennsylvania Right To Know Components

	CAS-No.	Revision Date
Pd/C	-	
Pearlman's catalyst	12135-22-7	
	-	
	-	
Pd/C	-	
	-	

New Jersey Right To Know Components

	CAS-No.	Revision Date
Pd/C	-	
Pearlman's catalyst	12135-22-7	
	-	
	-	
Pd/C	-	
	-	

California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

16. OTHER INFORMATION

Kit Components:

Palladium on carbon	ALDRICH	205699	Skin Sens. 1; H317
Palladium on calcium carbonate	ALDRICH	205737	Flam. Sol. 1; Carc. 2; Repr. 2; Aquatic Acute 1; Aquatic Chronic 1; H228, H351, H361, H410
Palladium hydroxide on carbon	ALDRICH	212911	
Palladium on barium sulfate	ALDRICH	277991	
Palladium on carbon	ALDRICH	330108	Flam. Sol. 1; H228
Palladium on alumina	ALDRICH	440086	Flam. Sol. 1; Skin Irrit. 2; Eye Irrit. 2A; H228, H315, H319

HMIS Rating

Health hazard:	2
Chronic Health Hazard:	*
Flammability:	0
Physical Hazard	2

NFPA Rating

Health hazard:	2
Fire Hazard:	0
Reactivity Hazard:	0

Further information

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