

PLATINUM-CYCLOVINYLMETHYL- SILOXANE COMPLEX in **cyclicmethylvinylsiloxanes** Safety Data Sheet SIP6832.3 Date of issue: 01/09/2015 Revision date: 08/23/2016

Version: 2.1

	ubstance/mixture and of the company/undertaking
1.1. Product identifier	
Product form	: Mixture
Physical state	: Liquid
Product name	: PLATINUM-CYCLOVINYLMETHYL- SILOXANE COMPLEX in cyclicmethylvinylsiloxanes
Product code	: SIP6832.3
Formula	: (C3H6OSi)3-5 Pt0
Synonyms	: ASHBY-KARSTEDT CATALYST
	PLATINUM-CYCLOVINYLMETHYL SILOXANE COMPLEX in cyclic methylvinylsiloxanes
	CYCLOETHENYLMETHYLSILOXANE - PLATINUM COMPLEX
Chemical family	: ORGANOSILANE
I.2. Relevant identified uses of the su	Ibstance or mixture and uses advised against
Use of the substance/mixture	: Chemical intermediate
	For research and industrial use only
I.3. Details of the supplier of the safe	ty data sheet
GELEST, INC.	
11 East Steel Road	
Morrisville, PA 19067 U SA	
T 215-547-1015 - F 215-547-2484 - (M-F): 8:0	00 AM - 5:30 PM EST
nfo@gelest.com - www.gelest.com	
1.4. Emergency telephone number	
Emergency number	: CHEMTREC: 1-800-424-9300 (USA); +1 703-527-3887 (International)
SECTION 2: Hazards identification	
2.1. Classification of the substance or	r mixture
GHS-US classification	
Skin Irrit. 2 H315	
Eye Irrit. 2A H319	
Full text of H statements : see section 16	
2.2. Label elements	
GHS-US labeling	
Hazard pictograms (GHS-US)	
	GHS07
Signal word (GHS-US)	: Warning
	: H315 - Causes skin irritation
Hazard statements (CHS LIS)	
Hazard statements (GHS-US)	
	H319 - Causes serious eye irritation
Hazard statements (GHS-US) Precautionary statements (GHS-US)	
	 H319 - Causes serious eye irritation P280 - Wear protective gloves/protective clothing/eye protection/face protection P264 - Wash hands thoroughly after handling P302+P352 - If on skin: Wash with plenty of soap and water
	 H319 - Causes serious eye irritation P280 - Wear protective gloves/protective clothing/eye protection/face protection P264 - Wash hands thoroughly after handling P302+P352 - If on skin: Wash with plenty of soap and water P332+P313 - If skin irritation occurs: Get medical advice/attention
	 H319 - Causes serious eye irritation P280 - Wear protective gloves/protective clothing/eye protection/face protection P264 - Wash hands thoroughly after handling P302+P352 - If on skin: Wash with plenty of soap and water P332+P313 - If skin irritation occurs: Get medical advice/attention P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove
	 H319 - Causes serious eye irritation P280 - Wear protective gloves/protective clothing/eye protection/face protection P264 - Wash hands thoroughly after handling P302+P352 - If on skin: Wash with plenty of soap and water P332+P313 - If skin irritation occurs: Get medical advice/attention
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	 H319 - Causes serious eye irritation P280 - Wear protective gloves/protective clothing/eye protection/face protection P264 - Wash hands thoroughly after handling P302+P352 - If on skin: Wash with plenty of soap and water P332+P313 - If skin irritation occurs: Get medical advice/attention P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing P337+P313 - If eye irritation persists: Get medical advice/attention
Precautionary statements (GHS-US)	 H319 - Causes serious eye irritation P280 - Wear protective gloves/protective clothing/eye protection/face protection P264 - Wash hands thoroughly after handling P302+P352 - If on skin: Wash with plenty of soap and water P332+P313 - If skin irritation occurs: Get medical advice/attention P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing P337+P313 - If eye irritation persists: Get medical advice/attention P362 - Take off contaminated clothing and wash it before reuse
Precautionary statements (GHS-US)	 H319 - Causes serious eye irritation P280 - Wear protective gloves/protective clothing/eye protection/face protection P264 - Wash hands thoroughly after handling P302+P352 - If on skin: Wash with plenty of soap and water P332+P313 - If skin irritation occurs: Get medical advice/attention P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing P337+P313 - If eye irritation persists: Get medical advice/attention P362 - Take off contaminated clothing and wash it before reuse

No data available

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SECTION 3: Composition/Information on ingredients

3.1. Substance

Not applicable **3.2.** Mixture

Name	Product identifier	%	GHS-US classification
Methylvinyl cyclosiloxane	(CAS No) 68082-23-5	> 90	Not classified
Platinum-cyclovinylmethylsiloxane complex	(CAS No) 68585-32-0	< 10	Skin Irrit. 2, H315 Eye Irrit. 2A, H319

SECTIO	N 4: First aid measures		
4.1.	Description of first aid measures		
First-aid m	easures general	:	Remove contaminated clothing and shoes. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). If possible show this sheet; if not available show packaging or label.
First-aid m	easures after inhalation	:	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If you feel unwell, seek medical advice.
First-aid m	easures after skin contact	:	Wash with plenty of soap and water. Get medical advice/attention.
First-aid m	easures after eye contact	:	Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention.
First-aid m	easures after ingestion	:	Never give anything by mouth to an unconscious person. Get medical advice/attention.
4.2.	Most important symptoms and effect	ts,	both acute and delayed
Symptoms	/injuries after inhalation	:	May cause irritation to the respiratory tract.
Symptoms	/injuries after skin contact	:	Causes skin irritation.
Symptoms	/injuries after eye contact	:	Causes serious eye irritation.
	/injuries after ingestion	:	May be harmful if swallowed.
	nal information available	at	tention and special treatment needed
SECTIO	N 5: Firefighting measures		
5.1. E	Extinguishing media		
Suitable ex	tinguishing media	:	Water spray. Water fog. Foam. Carbon dioxide. Dry chemical.
Unsuitable	extinguishing media	:	None known.
5.2.	Special hazards arising from the sub	st	ance or mixture
Fire hazaro			Irritating fumes and organic acid vapors may develop when material is exposed to elevated temperatures or open flame.
5.3.	Advice for firefighters		
	g instructions	:	Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed
0 0			containers.
Protection	during firefighting	:	Do not enter fire area without proper protective equipment, including respiratory protection. Avoid all eye and skin contact and do not breathe vapor and mist.
SECTIO	N 6: Accidental release meas	u	res
	Personal precautions, protective equ		
	For non-emergency personnel		
Protective			Wear protective equipment as described in Section 8.
	y procedures		Evacuate unnecessary personnel.
Emergene	procedures	•	
6.1.2. F	For emergency responders		
Protective	equipment	:	Do not attempt to take action without suitable protective equipment. Equip cleanup crew with proper protection. For further information refer to section 8: "Exposure controls/personal protection".
6.2. E	Environmental precautions		
Prevent en	try to sewers and public waters. Notify	aı	ithorities if liquid enters sewers or public waters.
6.3.	Methods and material for containme	nt	and cleaning up
For contair	nment	:	Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
Methods fo	or cleaning up	:	Clean up any spills as soon as possible, using an absorbent material to collect it.

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C A Deference to other costient	
6.4. Reference to other sections See Heading 8. Exposure controls and persor	nal protection.
SECTION 7: Handling and storage	•
7.1. Precautions for safe handling	
Precautions for safe handling	: Avoid all eye and skin contact and do not breathe vapor and mist. Use only in well ventilated areas.
Hygiene measures	: Wash contaminated clothing before reuse. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.
7.2. Conditions for safe storage, inclu	ding any incompatibilities
Storage conditions	: Keep container tightly closed.
Incompatible materials	: Oxidizing agent.
Storage area	: Store in a well-ventilated place. Store away from heat.
7.3. Specific end use(s)	
No additional information available	
SECTION 8: Exposure controls/pe	rsonal protection
8.1. Control parameters	
No additional information available	
8.2. Exposure controls	
Appropriate engineering controls	: Provide local exhaust or general room ventilation.
Personal protective equipment	: Avoid all unnecessary exposure. Emergency eye wash fountains and safety showers should b available in the immediate vicinity of any potential exposure.
Hand protection	: Neoprene or nitrile rubber gloves.
Eye protection	: Chemical goggles. Contact lenses should not be worn.
Skin and body protection	: Wear suitable protective clothing.
Respiratory protection	: Where exposure through inhalation may occur from use, respiratory protection equipment is recommended. NIOSH-certified organic vapor (black cartridge) respirator.
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Public Private Information No data available SECTION 10: Stability and reactivity No additional information available SECTION 10: Stability and reactivity No additional information available 10:2. Chemics stability Stability of hazardous reactions Will generate hydrogen gas in presence of hydrobalanes and prote materials such as water and alcohd. 10:4. Conditions to avoid Heat. Open fibers, Sanks. 10:5. Incompatible materials Oxdiary agent. 10:6. Hazardous decomposition products Organic add vapors. Plainum (Pt). Stitom doxds. SECTION 11: Toxicological information 11:1. Information on toxicological effects Acust toxicity : Not classified Serious ay admagnithmation : Clauses serious eye initiation. Serious agen initiation : Not classified Cardingenoidy : Not classified Serious agen initiation interval existing : Not classified Serious agen initiation available : Not classified Serious agen and back (righte exposure) : Not classified Symptoms/nymes after key contact : Causes strinutation. Symptoms/nymes after key contact : Causes strini	Evaluation limits	
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Waste disposal recommendations : Return to manufacturer for precious metal recovery.		Do not dispose of waste into sewer

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SECTION 14: Transpo	ort information			
14.1. UN number				
Not regulated for transport.				
14.2. UN proper shippi	14.2. UN proper shipping name			
Not applicable				
14.3. Additional informat	tion			
Other information	: No	supplementary information availa	able.	
Transport by sea				
No additional information av	ailable			
Air transport				
No additional information av	ailable			
SECTION 15: Regulat	tory information			
15.1. US Federal regulation				
Platinum-cvclovinvlmeth	ylsiloxane complex (6858	5-32-0)		
· ·	s TSCA (Toxic Substances (,		
Methylvinyl cyclosiloxan				
	s TSCA (Toxic Substances (Control Act) inventory		
15.2. International regulati	ons			
Platinum-cyclovinylmeth	ylsiloxane complex (6858	5-32-0)		
	alian Inventory of Chemical S			
	SL (Domestic Substances Lis			
		tances Produced or Imported in		
	ry EINECS (European Inven NCS (Existing & New Chemi	tory of Existing Commercial Che	mical Substances)	
Listed on the Korean ECL		cal Substances) Inventory		
	aland Inventory of Chemicals	5)		
	nes Inventory of Chemicals a			
Methylvinyl cyclosiloxan	e (68082-23-5)			
	alian Inventory of Chemical S			
	SL (Domestic Substances Lis			
	VCS (Existing & New Chemi	tances Produced or Imported in cal Substances) inventory	China)	
Listed on the Korean ECL		cal oubstances/ inventory		
Listed on NZIoC (New Zea	aland Inventory of Chemicals			
Listed on PICCS (Philippin	es Inventory of Chemicals a	and Chemical Substances)		
15.3. US State regulations				
		PLEX in cyclicmethylvinylsilox	2000(69595-32-0)	
U.S California - Propositio		No	alles(00505-52-0)	
U.S California - Propositio	•	No		
Toxicity	•			
U.S California - Propositio	n 65 - Reproductive	No		
Toxicity - Female U.S California - Propositio	n 65 Poproductivo	No		
Toxicity - Male	11 05 - Reproductive	NO		
Platinum-cyclovinylmethy	Isiloxane complex (68585-	32-0)		
U.S California -	U.S California -	U.S California -	U.S California -	Non-significant risk level
Proposition 65 -	Proposition 65 -	Proposition 65 -	Proposition 65 -	(NSRL)
Carcinogens List	Developmental Toxicity	Reproductive Toxicity - Female	Reproductive Toxicity -	
N			Male	
No	No	No	No	
Methylvinyl cyclosiloxane				
U.S California -	U.S California -	U.S California - Proposition 65	U.S California -	Non-significant risk level
Proposition 65 - Carcinogens List	Proposition 65 - Developmental Toxicity	Proposition 65 - Reproductive Toxicity -	Proposition 65 - Reproductive Toxicity -	(NSRL)
Carolinogono Elot		Female	Male	
No	No	No	No	
No 08/23/2016	No	No English US)	SDS ID: SIP6832.3	5/6

PLATINUM-CYCLOVINYLMETHYL- SILOXANE COMPLEX in cyclicmethylvinylsiloxanes

Safety Data Sheet

SECTION 16: Other information Abbreviations and acronyms : Abbreviations: ND: Not Determined Concentration; ATE: Acute Toxicity millimeters Hg, tor; PEL: permissib threehold limit value; TC: Test Guid

: Abbreviations: ND: Not Determined, No Data; NA: Not Applicable; LD: Lethal Dose; LC: Lethal Concentration; ATE: Acute Toxicity Estimates; H: hour; °: °C unless otherwise stated; mm: millimeters Hg, torr; PEL: permissible exposure level; TWA: time weighted average; TLV: threshold limit value; TG: Test Guideline; NIOSH: National Institute for Occupational Safety and Health; IARC: International Agency for Research on Cancer; NTP: National Toxicology Program; HMIS: Hazardous Material Information System; CAS No.: Chemcial Abstract Service Registration Number; EC No.: European Commission Registration Number; EC Index No.: European Commission Index Number; OECD: The Organisation for Economic Co-operation and Development.

Full text of H-phrases::

H315	Causes skin irritation
H319	Causes serious eye irritation

HMIS III Rating

Health
Flammability
Physical

: 2 Moderate Hazard - Temporary or minor injury may occur

- : 1 Slight Hazard
- : 0 Minimal Hazard

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Version: 2.1

SDS US (GHS HazCom 2012) - Custom

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

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