**SDS no.** PID12106

Version 10

Revision date 11/Aug/2022 Supersedes date 14/Oct/2015



# Safety Data Sheet PLATINUM PAC\*

# 1. Identification

### 1.1 Product identifier

Product name PLATINUM PAC\*

Product code PID12106

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

Recommended Use Fluid loss reducer.

Uses advised against Consumer use

### 1.3 Details of the supplier of the safety data sheet

Supplier

M-I L.L.C.

P.O.Box 42842 Houston, TX 77242 www.miswaco.slb.com

Telephone: 1 281-561-1511

# M-I SWACO, A Schlumberger Company

200 - 125, 9th Avenue SE Calgary, Alberta T2G 0P6, Canada Telephone: 1-780-962-8221

E-mail address SDS@slb.com

# Prepared by

Global Regulatory Compliance - Chemicals (GRC - Chemicals)

# 1.4 Emergency Telephone Number

Emergency telephone (24 Hour) Asia Pacific +65 3158 1074, Europe +44 (0) 1235 239 670, Middle East and Africa +44 (0) 1235 239 671, USA +1 281 561 1600, Canada +1 800 579 7421, Argentina: +54 11 5984 3690, Brazil: +55 11 3197 5891

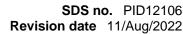
# 2. Hazards Identification

# 2.1 Classification of the substance or mixture

**GHS - Classification** 

Health hazards Not classified

Environmental hazards Not classified





**Physical Hazards** 

Combustible dust Category 1

### 2.2 Label elements

### Signal word

WARNING

#### **Hazard Statements**

May form combustible dust concentrations in air

### **Precautionary Statements**

P240 - Ground or bond container and receiving equipment

P243 - Take precautionary measures against static discharge

P241 - Use explosion-proof electrical, ventilating, lighting, equipment

**Unknown acute toxicity** 0% of the mixture consists of ingredient(s) of unknown toxicity.

# 3. Composition/information on Ingredients

### 3.1 Substances

Not applicable

### 3.2 Mixtures

Chemical Name	CAS No	Weight-%
Polyanionic cellulose	Proprietary	80 - 100

#### Comments

The exact percentage (concentration) of composition has been withheld as a trade secret. Proprietary component(s) in section 3 of this SDS does not/do not trigger application of trade secret exemption under Hazardous Materials Information Review Act (HMIRA). The proprietary component in this product contributes to combustible dust classification.

# 4. First Aid Measures

### 4.1 First aid measures

**Inhalation** If inhaled, remove from area to fresh air. Get medical attention if respiratory irritation

develops or if breathing becomes difficult.

Ingestion Rinse mouth. Do not induce vomiting without medical advice. Never give anything by mouth

to an unconscious person. Get medical attention if symptoms occur.

**Skin contact** Wash skin thoroughly with soap and water. Get medical attention if irritation persists.

Eye Contact Remove contact lenses, if worn. Promptly wash eyes with lots of water while lifting eye lids.

Get medical attention if any discomfort continues.

### 4.2. Most important symptoms and effects, both acute and delayed

General advice The severity of the symptoms described will vary dependant of the concentration and the



length of exposure. If adverse symptoms develop, the casualty should be transferred to

hospital as soon as possible.

**Symptoms** 

**Inhalation** Please see Section 11. Toxicological Information for further information.

**Ingestion** Please see Section 11. Toxicological Information for further information.

**Skin contact** Please see Section 11. Toxicological Information for further information.

**Eve contact** Please see Section 11. Toxicological Information for further information.

# 4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician Treat symptomatically

# 5. Fire-Fighting Measures

# 5.1 Extinguishing media

### Suitable extinguishing media

Water Fog, Alcohol Foam, CO2, Dry Chemical.

### Extinguishing media which must not be used for safety reasons

None known.

# 5.2. Special hazards arising from the substance or mixture

### Unusual fire and explosion hazards

Suspended dust may present a dust explosion hazard.

#### **Hazardous combustion products**

Carbon oxides (COx).

### 5.3 Advice for firefighters

### **Special Fire-Fighting Procedures**

Containers close to fire should be removed immediately or cooled with water.

# 6. Accidental Release Measures

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

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Evacuate personnel to safe areas. Use personal protective equipment. See also section 8. If spilled, take caution, as material can cause surfaces to become very slippery.

### Advice for non-emergency responders

Evacuate non-essential personnel.

# Advice for emergency responders

Evacuate personnel to safe areas. Use non-slip safety shoes in areas where spills or leaks can occur. Wear respiratory protection. Keep people away from and upwind of spill/leak.

#### 6.2 Environmental precautions

As local regulations may vary; all waste must be disposed/recycled/reclaimed in accordance with federal, state, and local environmental control regulations. Large spills released to the environment may disturb the natural chemical balance of soil/fresh water.



### **Environmental exposure controls**

Local authorities should be advised if significant spillages cannot be contained.

# 6.3 Methods and material for containment and cleaning up

### **Methods for containment**

Prevent further leakage or spillage if safe to do so.

### Methods for cleaning up

Sweep up and shovel into suitable containers for disposal. After cleaning, flush away traces with water. Material becomes slippery when wet. Use caution if wet. Avoid dust formation. Powdered material may form explosive dust-air mixtures. Take precautionary measures against static discharges. Use non-sparking tools and equipment.

### 6.4 Reference to other sections

See section 13 for more information.

# 7. Handling and Storage

#### 7.1 Precautions for safe handling

#### Handling

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin and eyes. Avoid dust formation. Fine dust dispersed in air may ignite. Avoid static electricity build up with connection to earth.

### Hygiene measures

Use good work and personal hygiene practices to avoid exposure. Do not eat, drink or smoke when using this product.

### 7.2 Conditions for safe storage, including any incompatibilities

**Technical measures/precautions** Ensure adequate ventilation. Provide appropriate exhaust ventilation at places where dust

is formed. Keep airborne concentrations below exposure limits.

**Storage precautions** Keep away from open flames, hot surfaces and sources of ignition. Keep containers tightly

closed in a dry, cool and well-ventilated place. Prevent dust cloud.

# 8. Exposure Controls/Personal Protection

# 8.1 Control parameters

Exposure limits

Control as an ACGIH particulate not otherwise specified (PNOS): 10 mg/m<sup>3</sup> (Inhalable); 3 mg/m<sup>3</sup> (Respirable) and an OSHA particulate not otherwise regulated (PNOR): 15 mg/m<sup>3</sup> (Total); 5 mg/m<sup>3</sup> (Respirable).

	Chemical Name	ACGIH TLV	OSHA PEL	Argentina - Occupational Exposure Limits - TWAs (CMPs)	Brazil - Occupational Exposure Limits - TWAs (LTs)	Mexico - Occupational Exposure Limits - TWAs (LMPE-PPTs)
Г	Polyanionic cellulose	Not determined	Not determined	Not determined	Not determined	Not determined

### **IDLH (Immediately Dangerous to Life or Health)**

Immediately Dangerous to Life or Health (IDLH) is established by the US National Institute for Occupational Safety and Health (NIOSH). The purpose of establishing an IDLH value is to ensure that the worker can escape from a given contaminated environment in the event of failure of the most protective respiratory protection equipment. In the event of failure of respiratory protection equipment every effort should be made to exit immediately.

Chemical Name	IDLH (Immediately Dangerous to Life or Health)	
Polyanionic cellulose	Not applicable	



### 8.2 Exposure controls

A risk assessment is recommended to be performed by a qualified and trained personnel to analyze the worksite and recommends the appropriate controls such as engineering controls, work practice controls, and administrative controls as primary means of reducing employee exposure. When there is a remaining hazards after applying the primary controls, Personal Protective Equipment (PPE) must be used.

All chemical Personal Protective Equipment (PPE) should be selected based on an assessment of both the chemical hazard present and the risk of exposure to those hazards. The PPE recommendations below are based on an assessment of the chemical hazards associated with this product. Where this product is used in a mixture with other products or fluids, additional hazards may be created and as such further assessment of risk may be required. The risk of exposure and need of respiratory protection will vary from workplace to workplace and should be assessed by the user in each situation.

### **Engineering Controls**

Ensure adequate ventilation.

Personal protective equipment

**Eye protection** Tightly fitting safety goggles.

**Hand protection** Wear chemical resistant gloves such as nitrile or neoprene.

All respiratory protection equipment should be used within a comprehensive respiratory protection program that meets the requirements of 29 CFR 1910.134 (U.S. OSHA Respiratory Protection Standard) or local equivalent. If exposed to airborne mist/aerosol of this product, use an organic vapor cartridge with a P-95 pre-filter attached. In work environments containing oil mist/aerosol, use an organic vapor cartridge with a P-95 pre-filter attached. If exposed to vapors from this product, use a NIOSH/MSHA-approved

respirator with an organic vapor cartridge.

**Skin and body protection** Wear suitable protective clothing.

Hygiene Measures Wash hands before eating, drinking or smoking, Remove and wash contaminated clothing

before re-use.

# 9. Physical and Chemical Properties

@ 1%

9.1 Information on basic physical and chemical properties

Physical stateSolidAppearancePowder DustColorWhite - YellowOdorOdorlessOdor thresholdNot applicable

<u>Property</u> <u>Values</u> <u>Remarks</u>

Melting point No information available

Boiling point/range No information available

Flash point No information available PMCC

Evaporation rate (BuAc =1) No information available

Flammability Not applicable

Explosion limits:

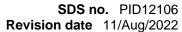
Upper explosion limit
Lower explosion limit
Vapor pressure
Relative Vapor Density
No information available
No information available
No information available
No information available

Relative Vapor Density

Specific gravity

No information available
1.5 - 1.6

Bulk density 300-900 kg/m³ UL: 0.64-9.0 g/cm³ Water solubility Soluble in water





Solubility in other solvents
Autoignition temperature
Decomposition temperature
Kinematic viscosity
Dynamic viscosity
Partition Coefficient

No information available
No information available
No information available
No information available

(n-octanol/water)

Explosive properties Suspended dust may present a dust explosion hazard

Oxidizing properties None known.

9.2 Other information

Pour pointNo information availableMolecular weightNo information available

VOC content(%) None

Density and/or Relative Density No information available

### Comments

The data listed above are typical physical and chemical properties and should not be construed as product specification.

# 10. Stability and Reactivity

### 10.1 Reactivity

Combustible material. Dust may form explosive mixture in air.

### 10.2 Chemical stability

Stable under normal temperature conditions and recommended use.

### 10.3 Possibility of Hazardous Reactions

# Hazardous polymerization

Hazardous polymerization does not occur.

#### **Hazardous Reactions**

None known.

### 10.4 Conditions to avoid

Heat, flames and sparks.

### 10.5 Incompatible materials

Strong oxidizing agents.

### 10.6 Hazardous decomposition products

Carbon oxides (COx).

# 11. Toxicological Information

### 11.1 Information on toxicological effects

Acute toxicity

**Inhalation** Inhalation of dust in high concentration may cause irritation of respiratory system.

**Eye contact** Dust may cause mechanical irritation.

**Skin contact** Prolonged contact may cause redness and irritation.



Ingestion

Ingestion may cause stomach discomfort.

### Toxicology data for the components

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Polyanionic cellulose	5005 mg/kg (rat)	No data available	No data available

Chemical Name	IARC Group 1 or 2	ACGIH - Carcinogens	<b>OSHA</b> listed carcinogens	NTP
Polyanionic cellulose	No data available	No data available	No data available	No data available

Delayed and immediate effects and chronic effects from short and long term exposure

Sensitization This product does not contain any components suspected to be sensitizing.

Mutagenic effects This product does not contain any known or suspected mutagens.

Carcinogenicity This product does not contain any known or suspected carcinogens.

**Reproductive toxicity**This product does not contain any known or suspected reproductive hazards.

**Developmental toxicity**Not known to cause birth defects or have a deleterious effect on a developing fetus.

Routes of Exposure Inhalation.

Routes of entry Inhalation.

Specific target organ toxicity -

Single exposure

Specific target organ toxicity -

Repeated exposure

Not classified

Not classified.

Aspiration hazard Not applicable.

# 12. Ecological Information

# 12.1 Toxicity

### Toxicity to algae

See component information below.

### Toxicity to fish

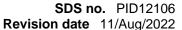
See component information below.

# Toxicity to daphnia and other aquatic invertebrates

See component information below.

### Toxicology data for the components

Chemical Name	Toxicity to fish	Toxicity to algae	Toxicity to daphnia and other aquatic invertebrates
Polyanionic cellulose	No information available	No information available	No information available





### 12.2 Persistence and degradability

No product level data available.

### 12.3 Bioaccumulative potential

No product level data available.

### 12.4 Mobility

Soluble in water.

### 12.5 Results of PBT and vPvB assessment

This preparation contains no substance considered to be persistent, bioaccumulating nor toxic (PBT) This preparation contains no substance considered to be very persistent nor very bioaccumulating (vPvB)

### 12.6 Other adverse effects.

None known.

# 13. Disposal Considerations

### 13.1 Waste treatment methods

**Disposal Method**Disposal should be made in accordance with federal, state and local regulations.

**Contaminated packaging** Empty containers should be taken for local recycling, recovery or waste disposal.

# 14. Transport information

# 14.1. UN number

UN No. (DOT)

UN No. (MT/ANTT)

UN No. (TDG)

UN/ID No. (ADR/RID/ADN/ADG)

UN No. (IMDG/ANTAQ)

UN No. (ICAO/ANAC)

UN No. (DPC)

Not regulated

# 14.2. UN proper shipping name

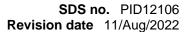
The product is not covered by international regulation on the transport of dangerous goods

### 14.3 Hazard class(es)

DOT Hazard class
ANTT Hazard class
TDG Hazard class
ADR/RID/ADN/ADG Hazard class
IMDG/ANTAQ Hazard class
ICAO/ANAC Hazard class/division
DPC Hazard class
Not regulated
Not regulated
Not regulated
Not regulated
Not regulated

### 14.4 Packing group

DOT Packing groupNot regulatedANTT Packing groupNot regulatedTDG Packing groupNot regulated





ADR/RID/ADN/ADG Packing group
IMDG/ANTAQ Packing group
ICAO/ANAC Packing group
DPC Packing group
Not regulated
Not regulated
Not regulated

# 14.5 Environmental hazard

Nο

### 14.6 Special precautions

Not applicable

# 14.7 Transport in bulk according to Annex I/II of MARPOL 73/78 and the IBC Code

Please contact SDS@slb.com for info regarding transport in Bulk.

# 15. Regulatory Information

#### International inventories

**USA (TSCA)** Complies Complies Canada (DSL) Complies **Philippines (PICCS)** Japan (ENCS) Complies China (IECSC) Complies Australia (AICS) Complies Korean (KECL) Complies Complies New Zealand (NZIoC)

### Europe - REACH

All products supplied from the European Economic Area (EEA) are compliant with the REACH Regulation EC 1907/2006. For products supplied from the EEA, Schlumberger and/or its suppliers have pre-registered and is registering all of the substances that it and/or its suppliers manufactures in or imports into the EEA that are subject to Title II of the REACH Regulation. All products supplied from outside the EEA are subject to REACH only if imported into the EEA. The importer of the products must comply with REACH for each imported substance. Contact REACH@slb.com for REACH information.

### U.S. Federal and State Regulations

### SARA 311/312 Hazard Categories

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications. Under the amended regulations at 40 CFR 370, EPCRA 311/312 Tier II reporting for the 2017 calendar year will need to be consistent with updated hazard classifications.

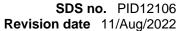
### SARA 302/304, 313, CERCLA RQ, California Proposition 65

Note: If no components are listed below, this product is not subject to the referenced SARA and CERCLA regulations and is not known to contain a Proposition 65 listed chemical at a level that is expected to pose a significant risk under anticipated use conditions.

Chemical Name	SARA 302 / TPQs	SARA 313	CERCLA RQ
Polyanionic cellulose	N/A	N/A	N/A

### **California Proposition 65**

This product does not contain chemical[s] which is [are] known to the State of California to cause cancer, birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov





# **Canadian Classification**

This Safety Data Sheet has been prepared in compliance with the Hazardous Products Regulations.

Brazilian Regulations

Brazil Regulation This SDS was prepared in accordance with Brazil law ABNT NBR 14725:2014

Federal Police Not determined

Army Not determined

ANVISA Not Listed

MTE (NR 15) No information available

# 16. Other Information

Supersedes date 14/Oct/2015

Revision date 11/Aug/2022

Version 10

### **HMIS** classification

Health 1
Flammability 1
Physical hazard 0
PPE E

N/A - Not Applicable, N/D - Not Determined.

#### Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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