



## Safety Data Sheet PLATINUM D-D†

Quantity restrictions apply! Not to be used in quantities of 1 tonne or more within the EEA.

### 1. Identification of the substance/preparation and of the Company/undertaking

#### 1.1 Product identifier

Product name PLATINUM D-D†  
Product code MI11298

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

Recommended Use Wetting agent

Uses advised against Consumer use

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

Supplier  
M-I Australia Pty Ltd  
Level 5  
256 St. George Terrace  
Perth  
WA 6000  
T= 08 9440 2900  
MISDS@slb.com

#### 1.4 Emergency Telephone Number

Emergency telephone - (24 Hour) Australia +61 2801 44558, Asia Pacific +65 3158 1074, China +86 10 5100 3039, Europe +44 (0) 1235 239 670, Middle East and Africa +44 (0) 1235 239 671, New Zealand +64 9929 1483, USA 001 281 561 1600

### 2. Hazards identification

#### 2.1 Classification of the substance or mixture

Classification according to (EC) No. 1272/2008

##### Health hazards

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1

Environmental hazards Not classified

Physical Hazards Not classified

#### 2.2 Label elements



**Signal word**  
DANGER

**Hazard statements**

H315 - Causes skin irritation  
H318 - Causes serious eye damage

**Precautionary Statements - EU (§28, 1272/2008)**

P264 - Wash face, hands and any exposed skin thoroughly after handling  
P280 - Wear protective gloves/ protective clothing/ eye protection/ face protection  
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P310 - Immediately call a POISON CENTER or doctor/ physician  
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water  
P501 - Dispose of contents/container in accordance with local regulations.

**Supplementary precautionary statements**

P332 + P313 - If skin irritation occurs: Get medical advice/ attention  
P362 - Take off contaminated clothing and wash before reuse

**Classification according to EU Directives 67/548/EEC or 1999/45/EC**

**Indication of danger**

Xi - Irritant

**R-code(s)**

R38, R41

**Contains**

Water

Sodium dodecylbenzenesulfonate

Tetrapotassium diphosphate

Alcohols, C10-16, ethoxylated, sulfates, sodium salts

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

**2.3 Other data**

Not classified as PBT/vPvB by current EU criteria

**Australian statement of hazardous/dangerous nature**

Classified as Hazardous according to the criteria of NOHSC.  
HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS.

**3. Composition/information on ingredients**

**3.1 Substances**

Not Applicable

### 3.2 Mixtures

Component	EC-No.	CAS-No	Weight % - range	Classification (67/548)	Classification (Reg. 1272/2008)	REACH registration number
Water	244-063-4	7732-18-5	60-100	-	Not classified	No data available
Sodium dodecylbenzenesulfonate	246-680-4	25155-30-0	1-5	Xn; R22 Xi; R38, R41	Acute Tox. 4 (H302) Skin Irrit. 2 (H315) Eye Dam. 1 (H318)	No data available
Tetrapotassium diphosphate	230-785-7	7320-34-5	1-5	Xi; R36	Eye Irrit. 2 (H319)	No data available
Alcohols, C10-16, ethoxylated, sulfates, sodium salts	500-223-8	68585-34-2	1-5	Xi; R36/38	Skin Irrit. 2 (H315) Eye Irrit 2. (H319)	No data available

### **Comments**

The product contains other ingredients which do not contribute to the overall classification.

## **4. First aid measures**

### 4.1 First-Aid Measures

<b>Inhalation</b>	If inhaled, remove from area to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult.
<b>Ingestion</b>	Rinse mouth. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Seek medical attention if irritation occurs.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. Get medical attention immediately if symptoms occur.
<b>Eye contact</b>	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first five minutes, then continue rinsing eye. Seek medical attention at once.

### 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.

#### **Main symptoms**

<b>Inhalation</b>	Please see Section 11. Toxicological Information for further information.
<b>Ingestion</b>	Please see Section 11. Toxicological Information for further information.
<b>Skin contact</b>	Please see Section 11. Toxicological Information for further information.
<b>Eye contact</b>	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, CO<sub>2</sub>, Dry Chemical.

#### **Extinguishing media which shall not be used for safety reasons**

Water may be ineffective.

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

#### **Unusual fire and explosion hazards**

None known.

#### **Hazardous combustion products**

Fire or high temperatures create:, Carbon oxides (COx).

### 5.3 Advice for firefighters

#### **Special protective equipment for fire-fighters**

As in any fire, wear self-contained breathing apparatus and full protective gear.

#### **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

Use personal protective equipment. See also section 8.

### 6.2 Environmental precautions

The product should not be allowed to enter drains, water courses or the soil.

#### **Environmental exposure controls**

Avoid release to the environment. Local authorities should be advised if significant spillages cannot be contained.

### 6.3 Methods and materials for containment and cleaning up

#### **Methods for containment**

Prevent further leakage or spillage if safe to do so. Dike far ahead of liquid spill for later disposal.

#### **Methods for cleaning up**

Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. After cleaning, flush away traces with water.

### 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. Do not breathe vapors or spray mist. Avoid spills and splashing during use.

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

**Technical measures/precautions** Ensure adequate ventilation.

**Storage precautions** Keep containers tightly closed in a dry, cool and well-ventilated place. Avoid: High temperatures. Avoid contact with: Strong oxidizing agents

**Packaging material** Use specially constructed containers only

**7.3 Specific end uses**

See Section 1.2.

**8. Exposure controls/personal protection**

**8.1 Control parameters**

**Exposure limits** Contains no substances with occupational exposure limit values  
No biological limit allocated

Component	EU OEL	Austria	Australia	Denmark
Water	Not determined	Not determined	Not determined	Not determined
Sodium dodecylbenzenesulfonate	Not determined	Not determined	Not determined	Not determined
Tetrapotassium diphosphate	Not determined	Not determined	Not determined	Not determined
Alcohols, C10-16, ethoxylated, sulfates, sodium salts	Not determined	Not determined	Not determined	Not determined

Component	Finland	France	Germany	Hungary
Water	Not determined	Not determined	Not determined	Not determined
Sodium dodecylbenzenesulfonate	Not determined	Not determined	Not determined	Not determined
Tetrapotassium diphosphate	Not determined	Not determined	Not determined	Not determined
Alcohols, C10-16, ethoxylated, sulfates, sodium salts	Not determined	Not determined	Not determined	Not determined

Component	New Zealand	Italy	Netherlands	Norway
Water	Not Determined	Not determined	Not determined	Not determined
Sodium dodecylbenzenesulfonate	Not Determined	Not determined	Not determined	Not determined
Tetrapotassium diphosphate	Not Determined	Not determined	Not determined	Not determined
Alcohols, C10-16, ethoxylated, sulfates, sodium salts	Not Determined	Not determined	Not determined	Not determined

Component	Poland	Portugal	Romania	Russia
Water	Not determined	Not determined	Not determined	Not determined
Sodium dodecylbenzenesulfonate	Not determined	Not determined	Not determined	Not determined
Tetrapotassium diphosphate	Not determined	Not determined	Not determined	Not determined
Alcohols, C10-16, ethoxylated, sulfates, sodium salts	Not determined	Not determined	Not determined	Not determined

Component	Spain	Switzerland	Turkey	UK
Water	Not determined	Not determined	Not determined	Not determined
Sodium dodecylbenzenesulfonate	Not determined	Not determined	Not determined	Not determined
Tetrapotassium diphosphate	Not determined	Not determined	Not determined	Not determined
Alcohols, C10-16, ethoxylated, sulfates, sodium salts	Not determined	Not determined	Not determined	Not determined

## 8.2 Exposure controls

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 measures to reduce exposure

Ensure adequate ventilation. Mechanical ventilation or local exhaust ventilation is required.

### Personal protective equipment

#### Eye protection

It is good practice to wear goggles when handling any chemical. Tightly fitting safety goggles.

#### Hand protection

Use protective gloves made of:., Nitrile, Neoprene, Be aware that liquid may penetrate the gloves. Frequent change is advisable.

#### Respiratory protection

In case of insufficient ventilation wear suitable respiratory equipment, Use respirator with organic vapor protection (A, brown), At work in confined or poorly ventilated spaces, respiratory protection with air supply must be used.

#### Skin and body protection

Wear suitable protective clothing, Eye wash and emergency shower must be available at the work place.

### Hygiene measures

Wash hands before eating, drinking or smoking, Remove and wash contaminated clothing before re-use.



## 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Viscous
Odor	Lemon
Color	Pink
Odor threshold	Not applicable

<u>Property</u>	<u>Values</u>	<u>Remarks</u>
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pH	8 - 10	
pH @ dilution	7.5-8.5	@ 1%
Melting/freezing point		
Boiling point/range	100 °C / 212 °F	
Flash point	> 93 °C / > 200 °F	
Evaporation rate (BuAc =1)	< 1	
Flammability (solid, gas)	Not Applicable	
Flammability Limits in Air		
Upper flammability limit	Not applicable	
Lower flammability limit	Not applicable	
Vapor pressure	No information available	
Vapor density	No information available	
Specific gravity	No information available	
Bulk density	No information available	
Relative density	1.038 sg	@ 20°C.
Water solubility	Soluble in water	
Solubility in other solvents	No information available	
Autoignition temperature	No information available	
Decomposition temperature	No information available	
Kinematic viscosity		
Dynamic viscosity	145 cP	
Log Pow	No information available	

Explosive properties No information available  
Oxidizing properties No information available

**9.2 Other information**

Pour point No information available  
Molecular weight No information available  
VOC content(%) 0.07  
Density No information available

**10. Stability and reactivity**

**10.1 Reactivity**

No specific reactivity hazards associated with this product.

**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.

**10.4 Conditions to avoid**

High temperatures.

**10.5 Incompatible materials**

Strong oxidizing agents.

**10.6 Hazardous decomposition products**

See also section 5.2.

## 11. Toxicological information

### 11.1 Information on toxicological effects

**Acute toxicity**

**Inhalation** Vapors may irritate throat and respiratory system.

**Eye contact** Causes serious eye damage.

**Skin contact** Causes skin irritation.

**Ingestion** Ingestion may cause stomach discomfort.

**Unknown acute toxicity** .

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation
Water	> 90 mL/kg ( Rat )	No data available	No data available
Sodium dodecylbenzenesulfonate	= 438 mg/kg ( Rat )	No data available	No data available
Tetrapotassium diphosphate	No data available	> 4640 mg/kg ( Rabbit )	No data available
Alcohols, C10-16, ethoxylated, sulfates, sodium salts	No data available	No data available	No data available

**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.

**Routes of exposure** Eye contact. Skin contact.

**Routes of entry** Eye contact.

**Specific target organ toxicity (single exposure)** Not classified

**Specific target organ toxicity (repeated exposure)** Not classified.

**Aspiration hazard** No hazard from product as supplied.

## 12. Ecological information

### 12.1 Toxicity

The product component(s) are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.



**Toxicity to algae**

This product is not considered toxic to algae.

**Toxicity to fish**

This product is not considered toxic to fish.

**Toxicity to daphnia and other aquatic invertebrates**

This product is not considered toxic to invertebrates.

Component	Toxicity to fish	Toxicity to algae	Toxicity to daphnia and other aquatic invertebrates
Water	No information available	No information available	No information available
Sodium dodecylbenzenesulfonate	10.8 mg/L LC50 (Oncorhynchus mykiss) = 96 h	No information available	No information available
Tetrapotassium diphosphate	100 mg/L LC50 (Oncorhynchus mykiss) = 96 h	No information available	100 mg/L EC50 (water flea) = 48 h
Alcohols, C10-16, ethoxylated, sulfates, sodium salts	No information available	No information available	No information available

**Percent unknown aquatic toxicity**

**12.2 Persistence and degradability**

No product level data available.

**12.3 Bioaccumulative potential**

No product level data available.

**12.4 Mobility in soil**

**Mobility**

Soluble in water.

**12.5 Results of PBT and vPvB assessment**

Not classified as PBT/vPvB by current EU criteria.

**12.6 Other adverse effects.**

None known.

**13. Disposal considerations**

**13.1 Waste treatment methods**

<b>Waste from residues / unused products</b>	Dispose of in accordance with local regulations.
<b>Contaminated packaging</b>	Empty containers should be taken for local recycling, recovery or waste disposal.
<b>EWC Waste disposal No.</b>	According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used. The following Waste Codes are only suggestions: EWC waste disposal No: 07 01 04 Waste Code: 7152 Organic waste without halogen.

**14. Transport information**

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA,ADR/RID/ADG).

**14.1 UN Number**

Not regulated

**14.2 Proper shipping name**

Not regulated

**14.3 Hazard class(es)**

<b>ADR/RID/ADN Hazard class</b>	Not regulated
<b>IMDG Hazard class</b>	Not regulated
<b>ICAO Hazard class/division</b>	Not regulated

**14.4 Packing group**

<b>ADR/RID/ADN Packing Group</b>	Not regulated
<b>IMDG Packing group</b>	Not regulated
<b>ICAO Packing group</b>	Not regulated

**14.5 Environmental hazard**

No

**14.6 Special precautions**

Not Applicable

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

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

**15. Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

**Germany, Water Endangering Classes (VwVwS)** Water endangering class = 2

**Australian Standard for the Uniform Scheduling of Drugs and Poisons**

No Poisons Schedule number allocated

Sodium dodecylbenzenesulfonate  
Schedule 5

**New Zealand hazard classification** Irritant

**HSNO approval no.** HRS002503

**Group number** 6.3A, 8.3A

**Commission Regulation (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH). Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.**

**This safety data sheet complies with the requirements of Regulation (EC) No. 1272/2008.**

**National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Edition [NOHSC: 2011 (2003)].**

**National Occupational Health and Safety Commission's Approved Criteria for Classifying Hazardous Substances [NOHSC:1008 (2004) 3rd Edition].**

**National Occupational Health and Safety Commission's Exposure Standards for Atmospheric Contaminants in the occupational Environment [NOHSC:1003 (1995)].**

**Safe Work Australia.**

**Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).**

**Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by road or rail.**

**International inventories**

<b>USA (TSCA)</b>	Complies
<b>European Union (EINECS and ELINCS)</b>	Complies
<b>Canada (DSL)</b>	Complies
<b>Philippines (PICCS)</b>	Complies
<b>Japan (ENCS)</b>	Complies
<b>China (IECSC)</b>	Complies
<b>Australia (AICS)</b>	Complies
<b>Korean (KECL)</b>	Complies
<b>New Zealand (NZIoC)</b>	Complies

Restricted for use in Europe until REACH assessed. Please contact REACH@miswaco.slb.com if intended for use in Europe.

**15.2 Chemical Safety Report**

No information available

**16. Other information**

<b>Prepared by</b>	Global Regulatory Compliance - Chemicals (GRC - Chemicals) , Anne Karin (Anka) Fosse
<b>Supersedes date</b>	21/Jul/2010
<b>Revision date</b>	03/Feb/2015
<b>Version</b>	2
<b>The following sections have been revised</b>	This SDS has been made in a new database and therefore a new layout. There have been changes with regard to classification, Updated according to GHS/CLP.

**Text of R phrases mentioned in Section 2 and 3**

R22 - Harmful if swallowed

R36 - Irritating to eyes

R38 - Irritating to skin

R41 - Risk of serious damage to eyes

R36/38 - Irritating to eyes and skin

**Full text of H-Statements referred to under sections 2 and 3**

H315 - Causes skin irritation

H318 - Causes serious eye damage

H302 - Harmful if swallowed

H319 - Causes serious eye irritation

†A mark of M-I L.L.C.

**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.