

SAFETY DATA SHEET

(Australia)
According to the criteria of NOHSC:2011(2003)

Version: 1

Revision date: 18 March 2011

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product Name: Water Gelling Agent J580

Product Code: J580

Company Identification: Schlumberger Oilfield Australia Pty Ltd
ABN: 74 002 459 225
ACN: 002 459 225
256 St. Georges Terrace, Perth WA 6000

Emergency Telephone Number: 1-800-039-008 (24hr)

Use of the Substance/Preparation: Used as a gelling agent in oilfield applications.

2. HAZARDS IDENTIFICATION

Most important hazards

Health hazards: May be mildly irritating to eyes.

Environmental hazard: None.

Main physical hazards: Slick when wet. Dust.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS-No	EC-No.	Weight % - Range	Classification
Carbohydrate polymer		Listed	60-100	-

For the full text of the R phrases mentioned in this Section, see Section 16

4. FIRST AID MEASURES

Inhalation: Move to fresh air. If not breathing, give artificial respiration. Call a physician immediately.

Skin contact: Rinse with water.

Eye contact: Rinse immediately with plenty of water, also under the eyelids. Consult a physician if necessary.

Ingestion: Rinse mouth. Consult a physician if necessary. Never give anything by mouth to an unconscious person.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:	Water Fog, Alcohol Foam, CO2, Dry Chemical.
Extinguishing media which must not be used for safety reasons:	None known.
Special protective equipment for firefighters:	Wear protective fire fighting clothing and avoid breathing vapors. Use self-contained breathing apparatus in closed areas.
Special exposure hazards arising from the substance or preparation itself, its combustion products, or released gases:	Slick when wet.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Do not breathe dust.
Environmental precautions:	Prevent product from entering drains. Should not be released into the environment.
Methods for cleaning up:	Sweep up and shovel into suitable containers for disposal. Avoid dust formation. After cleaning, flush away traces with water.

7. HANDLING AND STORAGE

Handling:

Technical measures/Precautions:	Avoid dust formation.
Safe handling advice:	Ensure adequate ventilation. Dust may form explosive mixture in air.

Storage:

Technical measures/Storage conditions:	Keep material dry.
Packaging requirements:	Bag with moisture barrier.
Incompatible products:	Oxidizing agents

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure:	Ensure adequate ventilation
Respiratory protection:	No personal respiratory protective equipment normally required.

Hand protection: Rubber gloves.
Eye protection: Safety glasses with side-shields.
Skin and body protection: Clean, body-covering clothing.

Environmental exposure controls

Exposure limit(s)

Component	Australia - Occupational Exposure Standards - TWAs	Australia - Occupational Exposure Standards - STELs
Carbohydrate polymer	None	None

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information

Form: Powder
Odour: mild
Colour: Light yellow

Important Health, Safety and Environmental Information

pH: 5.5 - 7.5
pH concentration: 10 g/l
Boiling point/range: Not applicable.
Flash point: Not applicable.
Explosive properties:
Explosion data - sensitivity to mechanical impact: None
Explosion data - sensitivity to static discharge: None known
Flammability Limits in Air:
lower: not determined.
upper: not determined.
Oxidizing properties: None
Relative density: 0.7 (@ 25°C)
Bulk density: > 430 kg/m³
Solubility:
Water solubility: Gels on contact with water.
Fat solubility: Insoluble.
Partition coefficient (n-octanol/water): Does not bioaccumulate.
Viscosity: Not applicable.
Vapour density: Not applicable.
Vapour pressure: Not applicable.
Evaporation rate: Not applicable.

Other information

Melting point/range: Decomposes

10. STABILITY AND REACTIVITY

Stability: Stable at normal conditions.

Conditions to avoid:	Avoid dust formation.
Materials to avoid:	Oxidizing agents
Hazardous decomposition products:	When heated strongly or burned, oxides of carbon and harmful organic chemical fumes are released.
Hazardous polymerization:	Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

Local effects

Skin:	No effect expected.
Eyes:	May cause slight irritation.
Inhalation:	Inhalation of dust may cause shortness of breath, tightness of the chest, a sore throat and cough.
Ingestion:	This is an unlikely route of exposure. No effect expected.
Sensitization - skin:	Not known to cause allergic reaction.
Sensitization - lung:	Not known to cause allergic reaction

Chronic Health Hazard

Carcinogenic effects:	None known.
Mutagenic effects:	Not known to cause heritable genetic damage.
Teratogenic effects:	Not known to cause birth defects or have a deleterious effect on a developing fetus.
Reproductive toxicity:	Not known to adversely affect reproductive functions and organs.
Target organ effects:	None known.

Component	LD50 / LC50
<i>Carbohydrate polymer</i>	- = 6770 mg/kg (Oral LD50; Rat)

12. ECOLOGICAL INFORMATION

Ecotoxicity

COMPONENT INFORMATION

Carbohydrate polymer

Bioaccumulation:	Does not bioaccumulate
Persistence and degradability:	Readily biodegradable
Other information:	Listed on PLONOR list of OSPAR

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:	Dispose of as special waste in compliance with local and national regulations
Contaminated packaging:	Empty containers should be transported/delivered using a registered waste carrier for local recycling or waste disposal Send empty bags to sanitary landfill. Render other types of containers unuseable by puncturing or crushing and sanitary landfill unless prohibited by local regulations

14. TRANSPORT INFORMATION

UN number:	None
Shipping name:	Not regulated.
ADR/RID	
Class:	Not regulated
IMDG/IMO	
Class or Div.:	Not regulated
ICAO/IATA	
Class or Div.:	Not regulated

15. REGULATORY INFORMATION

In accordance with the criteria of NOHSC

Indication of danger:
None

R-phrase(s):
None

S-phrase(s):
Exercise reasonable care and cleanliness

International Inventories

Australia (AICS): All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

16. OTHER INFORMATION

Prepared by: Chemical Regulatory Compliance

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End of Safety Data Sheet