

OILCHEMLEADER

MATERIAL SAFETY DATA SHEET

Product Trade Name: G310 Fluid loss control additive for oil well cement

Revision Date: 03/01/2011

1. CHEMICAL PRODUCT AND COMPANY INDICATION

Product Trade Name: G310 Fluid loss control additive for oil well cement
Synonymous: None
Chemical Family: Cement Slurry Additives
Application: Fluid loss control additive for oil well cement
Manufacture/Supplier: Beijing Oilchemleader Science & Technology Development Co., LTD
No.1 Baimiao industry place, Beiqijia town, Changping district, Beijing
102209
Telephone: (86) 10-8178 6912 /4386 Fax: (86) 10 81780184
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2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS Number	Percent	Exposure Limit (TLV)
AMPS	15214-89-8	30	
Acrylic acid	79-10-7	10	
Acrylamide	79-06-1	10	
Water		50	

3. HAZARDS IDENTIFICATION

Hazard Overview: May cause irritate to human body

4. FIRST AID MEASURES

Inhalation If inhaled, remove to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult.

Ingestion Rinse mouth out with water. Drink plenty of water. If large quantities were ingested, seek medical advice.

Eyes In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

Skin Wash with soap and water. Get medical attention if irritation persists. Remove contaminated clothing and launder before reuse.

5. FIRE AND EXPLOSION DATA

Flash point (Method): Not determined
Lower Explosion Limit (% v/v): Not determined
Upper Explosion Limit (% v/v): Not determined
Auto-Ignition Temperature: Not determined
Extinguishing Media: Water fog, carbon dioxide, sand, dry chemical

Special Firefighting Procedures: Fire-fighters should wear self-contained breathing apparatus and full protective clothing when fighting chemical fires. Evacuate area and fight fire from a safe distance

Hazardous Combustion Products: Oxides of carbon

6. ACCIDENTIAL RELEASE MEASURES

Wear specified protective equipment. Caution - surfaces become slippery if product comes in contact with water. Sweep, scoop, or vacuum up spill, while taking care not to disperse dust in the air. Place in suitable container(s) for reuse or disposal.

7. HANDLING AND STORAGE

Handling Wear specified protective equipment. Use only spark-proof and explosion-proof tools and equipment

Storage Requirements Keep container in a well ventilated area. Keep away from incompatible materials. Keep away from ignition sources.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Specific Engineering Controls Use only in well ventilated area. Adequate ventilation should be provided to keep dust concentrations below acceptable exposure limits

Personal Protective Equipment Dust mask. Safety glasses. Rubber gloves. Coveralls

Exposure Guidelines

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

Color: Colorless

Odor: Without odor

Odor Threshold: Not determined

Specific Gravity: 1.0-1.1

Vapor Pressure: Not determined

Vapor Density (Air=1): Not determined

Evaporation Rate: Not determined

Boiling Point: Not determined

Freezing Point: Not determined

Solubility in Water: Soluble

Coefficient of Water/Oil

Distribution: Not determined

10. STABILITY AND REACTIVITY

Stability: Stable

Incompatibility/Conditions of Reactivity: Unknown

Hazardous Thermal Decomposition Products: Carbon monoxide, carbon dioxide

The Possibility of Hazardous Reaction: Will not occur

11. TOXICOLOGICAL PROPERTIES

Primary Routes of Exposure:	Skin contact
<u>Acute Overexposure Effects:</u>	
Inhalation:	May cause irritation of the respiratory tract
Ingestion:	May cause stomach discomfort
Eye Contact:	May cause irritation and inflammation
Skin Contact:	Prolonged contact may cause mild irritation
<u>Chronic Effects:</u>	
Sensitization	Not determined
Carcinogenicity	Not determined
Carcinogenicity	Not determined
Reproductive Toxicity	Not determined

12. ECOLOGICAL INFORMATIONS

Aquatic Toxicity: According to the "OCNS (Offshore Chemical Notification Scheme) List of Notified Chemicals", this product has been estimated as a Category 1.

13. DISPOSAL CONSIDERATIONS

Waste Disposal: Disposal should be made in accordance with EC, national and local regulations.

14. SHIPPING INFORMATION

Shipping Name:	Not Restricted
UN Number:	NA
Air-ICAO/IATA:	NA

15. REGULATION INFORMATION

Name(s) on Label:	Not Restricted
Classification/Symbol:	NA
Risk Phrases:	NA
Safety Phrases:	NA

16. OTHER INFORMATION

The Issue: Jiaju Lu