

## SAFETY DATA SHEET

Product Trade Name: **QUIK-TROL GOLD LV**

Revision Date: 10-Jan-2011

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

#### Identification of Substances or Preparation

Product Trade Name: QUIK-TROL GOLD LV  
Synonyms: None  
Chemical Family: Carbohydrate  
Application: Fluid Loss Additive

Company Undertaking Identification  
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### 2. HAZARDS IDENTIFICATION

Risk Phrases  
None

Hazard Overview  
May cause eye, skin, and respiratory irritation. Airborne dust may be explosive.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances	CAS Number	PERCENT	EINECS	EEC Classification
Polysaccharide		60 - 100%	Not Listed	Not applicable

### 4. FIRST AID MEASURES

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

Skin  
Wash with soap and water. Get medical attention if irritation persists.

<b>Eyes</b>	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.
<b>Ingestion</b>	Do NOT induce vomiting. Give nothing by mouth. Obtain immediate medical attention.
<b>Notes to Physician</b>	Not Applicable

## 5. FIRE FIGHTING MEASURES

<b>Suitable Extinguishing Media</b>	Water fog, carbon dioxide, foam, dry chemical.
<b>Extinguishing media which must not be used for safety reasons</b>	None known.
<b>Special Exposure Hazards</b>	Organic dust in the presence of an ignition source can be explosive in high concentrations. Good housekeeping practices are required to minimize this potential.
<b>Special Protective Equipment for Fire-Fighters</b>	Full protective clothing and approved self-contained breathing apparatus required for fire fighting personnel.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautionary Measures** Avoid creating and breathing dust. Slippery when wet.

**Environmental Precautionary Measures** None known.

**Procedure for Cleaning / Absorption** Scoop up and remove.

## 7. HANDLING AND STORAGE

<b>Handling Precautions</b>	Avoid contact with eyes, skin, or clothing. Avoid creating or inhaling dust. Avoid dust accumulations. Slippery when wet. Ground and bond containers when transferring from one container to another. Wash hands after use. Launder contaminated clothing before reuse. Do NOT consume food, drink, or tobacco in contaminated areas.
<b>Storage Information</b>	Store away from oxidizers. Keep container closed when not in use. Store in a cool, dry location. Store away from direct sunlight. Keep from heat, sparks, and open flames. Store in a well ventilated area. Product has a shelf life of 36 months.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Engineering Controls</b>	A well ventilated area to control dust levels. Local exhaust ventilation should be used in areas without good cross ventilation.
<b>Personal Protective Equipment</b>	If engineering controls and work practices cannot prevent excessive exposures, the selection and proper use of personal protective equipment should be determined by an industrial hygienist or other qualified professional based on the specific application of this product.
<b>Respiratory Protection</b>	Not normally needed. But if significant exposures are possible then the following respirator is recommended: Dust/mist respirator. (95%)
<b>Hand Protection</b>	Normal work gloves.
<b>Skin Protection</b>	Normal work coveralls.

**Eye Protection**

Wear safety glasses or goggles to protect against exposure.

**Other Precautions**

Eyewash fountains and safety showers must be easily accessible.

**Control parameters**

Substances	EU	UK OEL	Netherlands	France OEL	Germany MAK/TRK
Polysaccharide	Not applicable	10 mg/m <sup>3</sup>	Not applicable	Not applicable	Not applicable

Substances	Italy	Poland	Hungary	Czech Republic	Denmark
Polysaccharide	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

**9. PHYSICAL AND CHEMICAL PROPERTIES****Physical State:**

Powder

**Color:**

White to off white

**Odor:**

Odorless

**pH:**

5-9 (1%)

**Specific Gravity @ 20 C (Water=1):**

Not Determined

**Density @ 20 C (kg/l):**

Not Determined

**Bulk Density @ 20 C (kg/m<sup>3</sup>):**

750

**Boiling Point/Range (C):**

Not Determined

**Freezing Point/Range (C):**

Not Determined

**Pour Point/Range (C):**

Not Determined

**Flash Point/Range (C):**

Not Determined

**Flash Point Method:**

Not Determined

**Autoignition Temperature (C):**

&gt; 370

**Flammability Limits in Air - Lower (g/m<sup>3</sup>):**

Not Determined

**Flammability Limits in Air - Lower (%):**

Not Determined

**Flammability Limits in Air - Upper (g/m<sup>3</sup>):**

Not Determined

**Flammability Limits in Air - Upper (%):**

Not Determined

**Vapor Pressure @ 20 C (mmHg):**

Not Determined

**Vapor Density (Air=1):**

Not Determined

**Percent Volatiles:**

Not Determined

**Evaporation Rate (Butyl Acetate=1):**

Not Determined

**Solubility in Water (g/100ml):**

Forms gel

**Solubility in Solvents (g/100ml):**

Not Determined

**VOCs (g/l):**

Not Determined

**Viscosity, Dynamic @ 20 C (centipoise):**

Not Determined

**Viscosity, Kinematic @ 20 C (centistokes):**

Not Determined

**Partition Coefficient/n-Octanol/Water:**

Not Determined

**Molecular Weight (g/mole):**

Not Determined

**Decomposition Temperature (C):**

Not Determined

**10. STABILITY AND REACTIVITY****Stability Data:**

Stable

**Hazardous Polymerization:**

Will Not Occur

**Conditions to Avoid**

None known.

**Incompatibility (Materials to Avoid)**

Strong oxidizers.

**Hazardous Decomposition Products**

Carbon monoxide and carbon dioxide.

Additional Guidelines

Not Applicable

## 11. TOXICOLOGICAL INFORMATION

<b>Principle Route of Exposure</b>	Eye or skin contact, inhalation.
<b>Inhalation</b>	May cause mild respiratory irritation.
<b>Skin Contact</b>	May cause mild skin irritation. May cause an allergic skin reaction.
<b>Eye Contact</b>	May cause mild eye irritation.
<b>Ingestion</b>	May cause allergic reaction.
<b>Aggravated Medical Conditions</b>	None known.
<b>Chronic Effects/Carcinogenicity</b>	No data available to indicate product or components present at greater than 1% are chronic health hazards.
<b>Other Information</b>	None known.
<b>Toxicity Tests</b>	
<b>Oral Toxicity:</b>	Not determined
<b>Dermal Toxicity:</b>	Not determined
<b>Inhalation Toxicity:</b>	Not determined
<b>Primary Irritation Effect:</b>	Not determined
<b>Carcinogenicity</b>	Not determined
<b>Genotoxicity:</b>	Not determined
<b>Reproductive /     Developmental Toxicity:</b>	Not determined

## 12. ECOLOGICAL INFORMATION

<b>Mobility (Water/Soil/Air)</b>	Not determined
<b>Persistence/Degradability</b>	Readily biodegradable
<b>Bio-accumulation</b>	Not determined

### Ecotoxicological Information

<b>Acute Fish Toxicity:</b>	TLM96: 100-1000 ppm (Lepomis macrochirus) TLM96: 100-1000 ppm (Oncorhynchus mykiss)
<b>Acute Crustaceans Toxicity:</b>	Not determined
<b>Acute Algae Toxicity:</b>	Not determined
<b>Chemical Fate Information</b>	Not determined
<b>Other Information</b>	Not applicable

### 13. DISPOSAL CONSIDERATIONS

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

**Contaminated Packaging** Follow all applicable national or local regulations.

### 14. TRANSPORT INFORMATION

#### Land Transportation

**ADR**  
Not restricted

#### Air Transportation

**ICAO/IATA**  
Not restricted

#### Sea Transportation

**IMDG**  
Not restricted

#### Other Transportation Information

**Labels:** None

### 15. REGULATORY INFORMATION

**EC Supply labeling Requirements** This product is not subject to the labeling requirements of EC Directives 67/548/EEC and 88/379/EEC as amended.

\*OEL in Section 2 is for dust.

**Classification** Not Classified

**Risk Phrases** None

**Safety Phrases** None

**EINECS Inventory** This product, and all its components, complies with EINECS

**Germany, Water Endangering Classes (WGK)** WGK 1: Low hazard to waters.

### 16. Other Information

**The following sections have been revised since the last issue of this MSDS**

Not applicable

**Additional Information** For additional information on the use of this product, contact your local Halliburton representative.

For questions about the Material Safety Data Sheet for this or other Halliburton products, contact Chemical Compliance at 1-580-251-4335.

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**\*\*\*END OF MSDS\*\*\***