

SAFETY DATA SHEET
Cla-Chek G

Date Revised : 11/07/2014



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

Product Name	Cla-Chek G
Product Use	Oilfield Applications
Supplier	Shrieve Chemical Products 1755 Woodstead Court, The Woodlands, Texas, 77380, USA
Contact Numbers	Tel. 800-367-4226
E-mail Contact for SDS	Scp-cust-service@shrieve.com
Emergency Telephone Number	CHEMTREC: 800-424-9300

2. HAZARDS IDENTIFICATION

Human Health	Not specific hazard
Safety	Not specific hazard
Environmental	Not specific hazard

3. COMPOSITION / INFORMATION ON INGREDIENTS

Description	KCl substitute				
Hazardous Components	Product Name	EINECS No.	CAS No.	Conc. (m/m)	Classification
	Choline Chloride	N/A	67-48-1	70-75	N/A
	Water	N/A	7732-18-5	10 -15	N/A

4. FIRST AID MEASURES

Inhalation	Remove to fresh air. If discomfort persists, obtain medical attention
Skin	Remove contaminated clothing. Immediately wash off with plenty of water for at least 15 minutes and follow by washing with soap and water if available. If redness, swelling, pain occurs, obtain immediate medical attention.
Eye	Immediately flush eye with plenty of water for at least 15 minutes while holding eyelids open and obtain immediate medical attention.

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Ingestion	If swallowed, call a physician immediately. ONLY induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person. If medical advice cannot be obtained, take the person, product container and MSDS to the nearest medical emergency center.
Advice to physicians	Treat symptomatically.

5. FIRE FIGHTING MEASURES

Extinguishing media	Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.
Unsuitable extinguishing media	N/D
Fire fighting procedures	Do not enter any enclosed or confined fire space without proper protective equipment including self contained breathing apparatus. Keep adjacent containers cool by spraying with water.
Combustion products	Normal combustion forms carbon dioxide and water vapour. Incomplete combustion may produce carbon monoxide. Not classified as flammable but will burn.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Avoid contact with skin and eyes. Evacuate the area of all non-essential personnel. Shut off leaks, if possible without personal risk.
Personal Protection	Wear protective clothing specified for normal operations (see section 8).
Environmental Protection	Prevent contamination of soil and water. Prevent from spreading or entering into drains or watercourses by using sand, earth, or other appropriate barriers.
Clean up methods - small spillage	Absorb or contain liquid with sand, earth, or spill control material. Shovel up and place in a labelled, sealable container for subsequent safe disposal.
Clean up methods - large spillage	Transfer to a salvage tank for recovery or safe disposal. Do not flush away residues with water. Treat residues as for small spillages.

7. HANDLING AND STORAGE

Handling	Avoid breathing vapors and/or mists. Avoid contact with skin, eyes and clothing. Use only in well ventilated areas.
Handling temperature	Ambient.
Storage	Keep container tightly closed in a cool, well-ventilated place. Keep away from sources of ignition.
Recommended materials	For containers, or container linings use mild steel, stainless steel or poly.



8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Standards	None established.
Engineering Control Measures	Use only in well-ventilated areas.
Respiratory Protection	<p>Airborne concentrations should be kept to lowest levels possible. If vapor, dust or mist is generated and the occupational exposure limit of the product, or any component of the product, is exceeded, use appropriate NIOSH or MSHA approved air purifying or air-supplied respirator after determining the airborne concentration of the contaminant.</p> <p>Air supplied respirators should always be worn when airborne concentration of the contaminant or oxygen content is unknown.</p> <p>Ventilation: Local exhaust ventilation recommended if generating vapor, dust, or mist. If exhaust ventilation is not available or inadequate, use MSHA or NIOSH approved respirator as appropriate.</p>
Hand Protection	Gloves and boots resistant to chemicals and petroleum distillates required. Exposed workers should wash exposed skin several times daily with soap and water
Eye Protection	Safety glasses, chemical type goggles, or face shield recommended to prevent eye contact
Body Protection	<p>Protective clothing such as coveralls or lab coats should be worn. Launder or dry-clean when soiled. Gloves and boots resistant to chemicals and petroleum distillates required. Exposed workers should wash exposed skin several times daily with soap and water.</p> <p>Remove and dry-clean or launder clothing soaked or soiled with this material before reuse. Dry cleaning of contaminated clothing may be more effective than normal laundering. Inform individuals responsible for cleaning of potential hazards associated with handling contaminated clothing.</p>

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid
Appearance	Clear
Odour	Mild
Boiling range	N/D
Melting/freezing point	-15F
Flash point	>121°C (by ASTM D93)
Auto-ignition temperature	N/D

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Relative density	1.07 – 1.09 at 20°C
Solubility in water	Soluble
pH-value	7 -10

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions of use.
Conditions To Avoid	Excessive heat, sparks and open flames.
Materials To Avoid	Strong oxidising. Strong Lewis or mineral acids. Strong alkalis.
Hazardous Decomposition Products	Normal combustion forms carbon dioxide and water vapor. Incomplete combustion can form carbon monoxide

11. TOXICOLOGICAL INFORMATION

Basis for assessment	Information given is based on the toxicology of components in the mixture.
Acute Toxicity - Oral	ND.
Acute toxicity - Dermal	ND.
Acute toxicity - Inhalation	ND
Skin irritation	ND
Eye irritation	ND
Skin sensitisation	ND
Repeated dose toxicity	ND.
Mutagenicity	ND.
Developmental toxicity	ND.

12. ECOLOGICAL INFORMATION

Basis for Assessment	Ecotoxicological data have not been determined specifically for this product. The information given below is based on knowledge of the components.
Mobility	Dissolves in water.
Persistence/degradability	ND
Bioaccumulation	ND

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Acute toxicity - fish	ND
Acute toxicity - Invertebrates	ND
Acute toxicity – algae	ND
Acute toxicity – bacteria	ND
Other information	ND

13. DISPOSAL CONSIDERATIONS

Waste disposal	Recover or recycle if possible. Otherwise: Dispose to licensed disposal contractor.
Product disposal	Recover or recycle if possible. Otherwise: Incineration.
Container disposal	Drain container thoroughly. Rinse three times with water. Dispose to licensed disposal contractor.
Local Legislation	The recommendations given are considered appropriate for safe disposal. However, local regulations may be more stringent and these must be complied with.

14. TRANSPORT INFORMATION

Other Information	DOT not regulated
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15. REGULATORY INFORMATION

EC Classification	N/D
EC Symbols	N/D
EC Risk phrases	N/D
EC Safety phrases	N/D



INTERNATIONAL REGISTRATION:

This product and/or its components are considered non-hazardous by the following standards:

OSHA Hazard Comm. Standard Classification

SARA Title III Section 311 Hazardous Categorization

No chemicals subject to reporting per the following standards:

SARA Title III Section 302/304 Extremely Hazardous Substances.

SARA Title III Section 313 Toxic Chemical.

CERCLA 102(a)/DOT Hazardous Substances.

California Prop. 65

States Right-to-Know Regulations.

State list: CT (Connecticut), FL (Florida), IL (Illinois), MI (Michigan),
LA (Louisiana), MA (Massachusetts), NJ (New Jersey),
PA (Pennsylvania), RI (Rhode Island)

INTERNATIONAL REGULATIONS

TSCA Inventory Status: This product, or its components, are listed on, or are exempt from the Toxic Substance Control Act (TSCA) Chemical Substance Inventory.

Canadian Inventory Status: This product, or its components, are listed on or are exempt from the Canadian Domestic Substance List (DSL).

EINECS Inventory Status: This product, or its components, are listed on or are exempt from the European Inventory of Existing Chemical Substances (EINECS) or the European List of Notified Chemical Substances (ELINCS).

Australian Inventory Status: Not determined.

Japan Inventory Status: Not determined.

EINECS (EC) N/D

TSCA (USA) Components listed or exempt from listing.

AICS (Australia) ND

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DSL (Canada) ND

16. OTHER INFORMATION

NFPA Rating Health: 1 Flammability:0 Reactivity:0

HMIS Health: 1 Flammability:0 Reactivity:0

The information is based on the data of which we are aware and is believed to be correct as of the data hereof. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modification of the information, we do not assume any responsibility for the result of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.