

SAFETY DATA SHEET – Intrepid Klear

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Section I – Product and Company Identification

	INTREPID POTASH – NEW MEXICO, LLC 1001 17 th St. Suite 1050 Denver, CO 80202 Office 303-296-3006 Fax 303-298-7502 Web http://www.intrepidpotash.com/contact-us/ EMERGENCIES: Call CHEMTREC North America: (800) 424-9300 Outside USA: +1 (703) 527-3887
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Common Names: Intrepid Klear	Formula: H ₂ O	Synonym: Drilling and Frack Water	Use: Industrial
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Section II – Hazard Identification

GHS-US Classification	Not classified.
GHS-US Labeling:	
Signal Word:	Not applicable.
Hazard Statement:	Not a hazardous substance.
Precautionary Statements	P 262: Wash hands thoroughly after handling. P305+P351+P338: If in eyes rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. P337+P313: If eye irritation persists get medical advice/attention P 301: If swallowed, obtain emergency medical attention.

Section III – Composition/Information on Ingredients

Chemical Name(s)	CAS No.	Exposure Limits								% by Weight
		OSHA PEL		TLV - TWA		STEL		CEIL		
		mg/m ³	ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³	ppm	
Water	7732-18-5									>99.9
Calcium Hypochlorite	7778-54-3			0.5 (chlorine)		1.0 (chlorine)				<0.01

Section IV – First Aid Measures

Eyes:	If in eyes and causes irritation, rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
Skin:	Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Adverse effects not expected from this product.
Ingestion:	Do not induce vomiting. Obtain emergency medical attention.
Inhalation:	Allow victim to breathe fresh air. Allow the victim to rest. Adverse effects not expected from this product.

Section V – Fire Fighting Measures

Flash Point: None Auto-ignition Temperature: Not Applicable Lower Explosive Limit: Not Applicable
Upper Explosive Limit: Not Applicable

Extinguishing Media: As required for surrounding fire. Water is non-flammable and does not support combustion.

Special Firefighting Procedures and Equipment:

Full structural firefighting (bunker) gear for a surrounding fire as for any fire - no special gear or procedures necessary. Discharge to sewer system(s) or environment may be restricted, requiring containment and proper disposal of water.

Section VI – Accidental Release Measures

Small Spill:

If on a hard surface, absorb with spill control materials and dispose of soaked materials appropriately.

Large Spill:

Collect with appropriate equipment. If on a hard surface, absorb with spill control materials and dispose of soaked materials appropriately.

Release Notes:

Prevent spilled materials from entering sewers, storm drains and other unauthorized treatment drainage systems. If spill could potentially enter any waterway, including intermittent dry creeks, contact the local authorities. If in the U.S., contact the US COAST GUARD NATIONAL RESPONSE CENTER toll free number, 800-424-8802. In case of accident or road spill notify: CHEMTREC IN USA AT 800-424-9300; CANUTEC in Canada at 613-996-6666 CHEMTREC in other countries at (International code) +1-703-527-3887.

Comments:

See Section XIII for disposal information and Section XV for regulatory requirements. Large and small spills may have a broad definition depending on the user's handling system. Therefore, the spill category must be defined at the point of release by technically qualified personnel.

Section VII – Handling and Storage

Ventilation:

Optional

Handling:

Handle in accordance with good industrial hygiene and safety practice. Clean spillage on floors and walkways immediately to prevent injuries.

Storage:

Avoid contact with carbon steel to minimize corrosion.

Section VIII – Exposure Controls/Personal Protection

Engineering Controls:

Not applicable.

Personal Protection:

Eye Protection:

Use safety glasses or tight-fitting safety goggles.

Protective Clothing:

Gloves, long sleeve shirts and long pants. Launder work clothing regularly.

Respiratory Protection:

Optional

Other Protective Clothing or Equipment:

Optional

Section IX – Physical and Chemical Properties

Appearance/Color/Odor: Liquid, clear, odorless

Melting Point/Range: Not Applicable

Boiling Point: 100 C (212 F)

Solubility in Water: Not Applicable

Boiling Point/Range: Not Applicable

Specific Gravity: 1 (Water = 1)

Vapor Pressure: 2.3 kPa (@ 20°C)

Vapor Density: 0.62 (Air = 1)

% Volatiles: No Data Available

Bulk Density: 62 - 63 lbs/ft³ (1185-1230 kg/m³)

Evaporation Rate: No Data Available

pH: 7 to 8

Viscosity: No Data Available

Section X – Stability and Reactivity

Stability:	Stable.
Hazardous Polymerization:	Will not occur.
Conditions to Avoid:	May be corrosive to some metals.
Materials to Avoid (Incompatibilities):	Metallic sodium.
Hazardous Decomposition Products:	Under normal applications and conditions decomposition should not occur.

Section XI Toxicological Information

Significant Routes of Exposure:	Eyes, skin, ingestion
Substance:	Water
Acute Oral Toxicity:	Rat, oral, LD50 >90,000 mg/kg
Acute Inhalation Toxicity:	No data available
Acute Dermal Toxicity:	No data available
Eye & Skin Irritation:	No data available
Substance:	Calcium Hypochlorite
Acute Oral Toxicity:	Rat, oral, LD50 850 mg/kg
Acute Inhalation Toxicity:	Rat, 1 hour, LC50: no mortality at 3.5mg/L (slight to very low toxicity)
Acute Dermal Toxicity:	Rabbit, dermal, LD50 > 1000 mg/kg
Eye & Skin Irritation:	Causes irritation and burns

Section XII – Ecological Information

Ecotoxicology:	Acute Toxicity to Fish:	No data available
	Chronic Toxicity to Fish:	No data available
	Acute Toxicity to Aquatic Invertebrates:	No data available
	Chronic Toxicity to Aquatic Invertebrates:	No data available
	Toxicity to Aquatic Plants:	No data available
	Toxicity to Bacteria: (activated sludge):	No data available
	Toxicity to Soil Dwelling Organisms:	No data available
	Toxicity to Terrestrial Plants:	No data available
Environmental Fate:	Stability in Water:	Stable. If small quantity of calcium hypochlorite (chlorine) present, will dilute and neutralize.
	Stability in Soil:	Stable. If small quantity of calcium hypochlorite (chlorine) present, will neutralize.
Toxicity:	Non-toxic	
Degradation	Material is stable under normal conditions.	

Section XIII – Disposal Considerations

Product Disposal:	This material, if discarded as produced, is not a RCRA “listed” or “characteristic” hazardous waste. Contamination may subject it to hazardous waste regulations. Properly characterize all waste materials. Consult State and local regulations regarding the proper disposal of this material.
General Comments:	Dispose in a safe manner in accordance with local/national regulations.

Section XIV – Transportation Information

Proper Shipping Name:	Not applicable
Hazard Class:	Not applicable
Identification Number:	Not applicable
Packing Group (Technical Name)	Not applicable

Section XV – Regulatory Information

UNITED STATES:

SARA Hazard Category: This product has been reviewed according to the EPA Hazard Categories promulgated under Section 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Fire: No **Pressure Generating:** No **Reactivity:** No **Acute:** No **Chronic:** No

SARA Title III Information: This product contains the following substances subject to the reporting requirements of Title III (EPCRA) of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

Chemical	CAS No.	Percent by Weight	CERCLA RQ (lbs.)
Water	7732-18-5	> 99.9	N/A
Calcium Hypochlorite	7778-54-3	<0.01	10

TSCA:	Water and calcium hypochlorite are listed on the United States TSCA 8(b) inventory
CANADA:	DSL: Yes
WHMIS Hazard Symbol and Classification:	Not controlled
Ingredient Disclosure List:	Not applicable
Environmental Protection:	All intentional ingredients are listed on the DSL (Domestic Substance List).

Section XVI – Other Information				
NFPA Hazard Rating:	Health: <u>1</u>	Flammability: <u>0</u>	Instability: <u>0</u>	Special Hazard: <u>N/A</u>
0 = Insignificant 1 = Slight 2 = Moderate 3 = High 4 = Extreme				
HMIS Hazard Rating:	Health: 1	Flammability: 0	Physical Hazard: 0	PP: B
0 = Insignificant 1 = Slight 2 = Moderate 3 = High 4 = Extreme				
B = safety glasses and gloves				
Comments: None				

Section(s) changed since last revision: None - Initial version

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief as of the revision date noted below. This information is not a warranty or quality specification. The user of the product is solely responsible for determining the suitability of use in each particular situation. This information relates only to the specific material designated and may not be valid for the material used in combination with any other materials or in any process. The user of the product assumes all risks and responsibilities in connection with the use of the product, and Intrepid will not be responsible for any damages relating to the use of the product.

(Revision Date 04/19/17)