



# SAFETY DATA SHEET

## RELATECH HD RIG WASH CONCENTRATE

### SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Material Identity**  
**Product Name:** RELATECH HD RIG WASH CONCENTRATE  
**General or Generic ID:**  
**Company:** RelaDyne, LLC  
8280 Montgomery Road,  
Suite 101  
Cincinnati, OH 45236  
888-830-3156  
www.reladyne.com

**Emergency Phone Number:** INFOTRAC 800-535-5053

### SECTION 2: HAZARDS IDENTIFICATION

**Physical Hazards** Not Classified

**Health Hazards** Serious eye damage / eye irritation, Category 2. Skin Irritation

**Environmental hazards** Not classified.

**OSHA defined hazards** Not classified.

**Label elements**



**Signal Word:** **WARNING**

**Hazard Statement** Combustible liquid. Causes serious eye irritation

**Precautionary statement**

**Prevention** Keep away from heat/sparks/open flames/ hot surfaces.-No Smoking.  
Wash thoroughly after handling. Wear protective gloves/eye protection/  
face protection.

**Response** If in eyes: Rinse cautiously with water for several minutes. Remove contact  
lenses, if present and easy to do. Continue rinsing. If eye irritation persists:  
Get medical advice/attention. In case of fire: Use appropriate media to  
extinguish.

**Storage** Store in a well ventilated place. Keep cool.

**Disposal** Dispose of contents/container in accordance with local/  
regional/national/international regulations.

**Hazard(s) not otherwise** None known.

**Classified (HNOG)**

**Supplemental** None.  
**Information**



### SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	Cas Number	% (weight)
Detergent Range Alcohol Ethoxylate	68131-39-5	<10
Undecanol, Ethoxylated & Surface Active Agents	34398.01.1	<10

### SECTION 4: FIRST AID MEASURES

#### Potential Health Effects

#### First Aid

**Inhalation:** Move victim to fresh air. Seek medical attention if symptoms develop or persist.

**Eye contact:** Check for and remove contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes. Seek medical attention if irritation develops or persists.

**Skin:** Wash exposed skin with mild soap and water. Seek medical attention if irritation develops and persist.

**Ingestion:** Rinse mouth. Get medical attention if symptoms occur.

**Most important symptoms/effects, acute, and delayed:** Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

**Indication of immediate medical attention and special treatment needed:** Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

**General Information:** Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

### SECTION 5: FIRE FIGHTING MEASURES

**Flammable Properties:** Not flammable

**Suitable Extinguishing Media:** Dry chemical powder, Carbon Dioxide CO<sub>2</sub>, alcohol resistant foam

**Special Fire Fighting Procedures:** Wear self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritation and highly toxic gases may be noncombustible. Contact with metals may evolve flammable hydrogen gas.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Evacuate the area immediately. Isolate the hazard area. Keep out unnecessary and unprotected personnel. Increase ventilation to area or move container to a well-ventilated and secure area. Do not touch damaged containers or spilled product unless wearing appropriate equipment. Before entry, especially into confined areas, check atmosphere with an appropriate monitor.

**Methods for Containment and Clean-up:** Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal. Clean-up spills immediately, observing precautions in the protective equipment section. Avoid generating vapor conditions. Cover with sand, dry lime or soda ash and place in a closed container for disposal. Provide ventilation. Evacuate unnecessary personnel.

**Other Information:** Report spills to local health, safety and environmental authorities, as required.



## SECTION 7: HANDLING AND STORAGE

### Handling precautions

**Handling:** Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Do not breathe dust to minimize dust generation and accumulation. Do not get in eyes, on skin, or on clothing.

**Storage:** Store in accordance with local regulations. Store protected from direct sunlight in a dry, cool, well ventilated area. Keep quantities stored as small as possible storage area should be clearly identified; clear of obstruction and accessible only to trained and authorized personnel.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### Occupational exposure limits

#### US. ACGIH Threshold Limit Values

**Biological limit values:** No biological exposure limits noted for the ingredient(s).

**Appropriate engineering controls:** Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station.

### Individual protection measures, such as personal protective equipment

**Eye / Face protection:** Wear safety glasses with side shields ( or goggles).

#### Skin protection

**Hand protection:** Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier.

**Other:** Wear suitable protective clothing.

**Respiratory Protection:** If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.

**Thermal Hazards:** Wear appropriate thermal protective clothing, when necessary

**General Hygiene:** When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Boiling Point:</b>	100°C
<b>Specific Gravity:</b>	1.01
<b>Vapor Pressure:</b>	mm Hg at °C
<b>Vapor Density:</b>	(air=1)
<b>Solubility in Water:</b>	100%
<b>Appearance:</b>	Clear red
<b>Odor:</b>	Very mild

## SECTION 10: STABILITY AND REACTIVITY



**Conditions to avoid:** Avoid heat, sparks, open flames and other ignition sources. Contact with incompatible materials.

**Incompatible materials:** Strong oxidized agents

**Hazardous decomposition:** No hazardous decomposition products are known.

## SECTION 11: TOXICOLOGICAL INFORMATION

**Basis for Assessment:** Information given is based on product testing, and /or similar products , and/or components.

**Acute Oral Toxicity:** Low toxicity: LD50>2000mg/kg. Rat

**Acute Dermal Toxicity:** Low toxicity:LD50>2000mg/kg, Rat

**Acute Inhalation Toxicity:** Low toxicity: LD50>5mg/l, Rat

**Skin Irritation:** May cause moderate skin irritation (but insufficient to classify).

**Eye irritation:** Risk of serious damage to eyes.

**Respiratory irritation:** inhalation of vapors or , mist may cause irritation to the respiratory system.

**Sensitization:** Not a skin sensitizer

**Repeated dose toxicity:** Low systemic toxicity on repeated exposure.

**Mutagenicity:** No evidence of mutagenic activity

**Carcinogenicity:** Not carcinogenic in animal studies.

**Reproductive and developmental toxicity:** Does not impair fertility.

## SECTION 12: ECOLOGICAL INFORMATION

### Acute Toxicity

**Fish:** Expected to be harmful:  $10 < LC/EC/IC50 < +100mg/l$

**Aquatic invertebrates:** Toxic:  $1 < LC/EC/IC50 < LC/EC/IC50 \leq 10mg/l$

**Algae:** Expected to have low toxicity:  $10 < LC/EC/IC50 < +100mg/l$

**Mobility:** Dissolved in water.

**Persistence/ degradability:** readily biodegradable.

**Bioaccumulation:** Does not bio-accumulate significantly.

## SECTION 13: DISPOSAL CONSIDERATIONS

Recover and recycle if possible. Conditions of use may cause this material to become a “hazardous waste”, as defined by federal or state regulations. It is the responsibility of the user to determine if the material is a “hazardous waste”. Dispose of in compliance with applicable regulations.

## SECTION 14: TRANSPORT INFORMATION

**DOT Status:** Not a U.S. Department of Transportation regulated material.

**Proper Shipping Name:** Not regulated.

**Hazard Class:** Not regulated.

**Reportable Quantity:** A Reportable Quantity (RQ) has not been established for this material.

**Placards:** Not applicable.

## SECTION 15: REGULATORY INFORMATION



**TSCA:** All components of this product are on the TCSA inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.30.

**CERCLA Hazardous Substances and corresponding RQs:** None

**SARA Community Right-to-know Program:** None

**Clean water act:** none

**Clean air act:** none

**OSHA:** All ingredients are listed.

## **SECTION 16: OTHER INFORMATION**

### **DISCLAIMER OF LIABILITY:**

*This Safety Data Sheet is prepared according to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012. The information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*