

# SAFETY DATA SHEET

Date Prepared : 02/19/2019

SDS No : SPL792A

Horizon Z-DSL-5000

## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Horizon Z-DSL-5000**GENERAL USE:** Drilling Mud Additive**MANUFACTURER**

Scotch Plaid, Inc.  
2969 Reward Lane  
Dallas, TX 75220

**Customer Service:** 800-527-5220**24 HR. EMERGENCY TELEPHONE NUMBERS**

ChemTel: 800-255-3924

## 2. HAZARDS IDENTIFICATION

**GHS CLASSIFICATIONS****Health:**

Eye Irritation, Category 2A  
Serious Eye Irritation, Category 2  
Carcinogenicity, Category 2

**Environmental:**

Chronic Hazards to the Aquatic Environment, Category 3

**Physical:**

Not Classified

**GHS LABEL**

Exclamation  
mark



Health  
hazard

**SIGNAL WORD:** WARNING**HAZARD STATEMENTS**

H319: Causes serious eye irritation.  
H315: Causes skin irritation.  
H351: Suspected of causing cancer.  
H412: Harmful to aquatic life with long lasting effects.

**PRECAUTIONARY STATEMENTS****Prevention:**

P264: Wash skin thoroughly after handling.  
P280: Wear eye protection/ face protection.  
P273: Avoid release to the environment.

**Response:**

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.  
P302+P352: IF ON SKIN: Wash with plenty of soap and water.  
P332+P313: If skin irritation occurs: Get medical advice/attention.  
P362+P364: Take off contaminated clothing and wash it before reuse.

**Storage:**

Horizon Z-DSL-5000

P102: Keep out of reach of children.

P234: Keep only in original packaging.

**Disposal:**

P501: Dispose of contents/container to an approved waste disposal plant.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Cocamide DEA	10 - 20	68603-42-9
Ethanol, 2, 2'-iminobis-	1 - 2	111-42-2

### 4. FIRST AID MEASURES

**EYES:** Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

**SKIN:** Wash with soap and water. Get medical attention if irritation develops or persists.

**INGESTION:** Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

**INHALATION:** Remove victim to fresh air. If irritation persists, get medical attention.

**SIGNS AND SYMPTOMS OF OVEREXPOSURE**

**EYES:** Contact may cause eye irritation.

**SKIN:** Contact may cause skin irritation.

**INGESTION:** May cause headache and nausea.

**INHALATION:** May cause irritation to mucous membranes.

**ACUTE EFFECTS:** None Expected.

**CHRONIC EFFECTS:** None Expected.

**NOTES TO PHYSICIAN:** Treat symptomatically

### 5. FIRE FIGHTING MEASURES

**FLAMMABLE CLASS:** Not flammable or combustible

**EXTINGUISHING MEDIA:** Use dry chemical, carbon dioxide, water spray (fog) or foam when fighting fires involving this material.

**HAZARDOUS COMBUSTION PRODUCTS:** Oxides of carbon and nitrogen.

**EXPLOSION HAZARDS:** None

**FIRE FIGHTING PROCEDURES:** Use fire fighting measures that are appropriate for the local circumstance and the surrounding environment.

**FIRE FIGHTING EQUIPMENT:** Use personal protective equipment

### 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** After removal, flush contaminated area thoroughly with water.

**LARGE SPILL:** Dike spilled material or otherwise contain material to ensure runoff does not reach into soil, ditches, sewers and / or groundwater. Transfer material into suitable containers for proper disposal in accordance with local, state and federal regulations.

**ENVIRONMENTAL PRECAUTIONS**

**WATER SPILL:** Do not allow material to contaminate waterways.

**LAND SPILL:** Do not allow material to contaminate the soil.

**GENERAL PROCEDURES:** Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in Sections 7 and 8.

**SPECIAL PROTECTIVE EQUIPMENT:** For personal protection see section 8.

**COMMENTS:** Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so.

### 7. HANDLING AND STORAGE

Horizon Z-DSL-5000

**GENERAL PROCEDURES:** Handle in accordance with good industrial hygiene and safety procedures. Use personal protection recommended in Section 8. Follow all product label instructions.

**HANDLING:** Follow all SDS/label precautions even after container is emptied because it may retain product residues.

**STORAGE:** Keep out of reach of children. Store in original container in a cool, dry and well ventilated area.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)							
				EXPOSURE LIMITS			
				ACGIH TLV		Supplier OEL	
Chemical Name				ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Ethanol, 2, 2'-iminobis-				TWA	1	NL	NL
				STEL		NL	NL

**ENGINEERING CONTROLS:** None usually needed.

### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Safety glasses with side shields.

**SKIN:** Chemical resistant gloves.

**RESPIRATORY:** No personal respiratory equipment normally required.

**PROTECTIVE CLOTHING:** Wear suitable protective clothing to prevent contact with skin.

**WORK HYGIENIC PRACTICES:** Wash contaminated clothing before reuse. Wash face, hands and any exposed skin thoroughly after handling.

**OTHER USE PRECAUTIONS:** Protective clothing and equipment should be in accordance with 29 CFR 1910.132 and 1910.133.

**COMMENTS:** Eyewash stations and safety showers should always be in place where chemicals are handled and stored.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Liquid

**ODOR THRESHOLD:** No data available for this mixture.

**pH:** 9 to 11 (full strength)

**FLASH POINT AND METHOD:** Non Flammable

**FLAMMABLE LIMITS:** No data available for this mixture.

**AUTOIGNITION TEMPERATURE:** No data available for this mixture.

**VAPOR PRESSURE:** No data available for this mixture.

**VAPOR DENSITY:** No data available for this mixture.

**BOILING POINT:** Near that of water

**FREEZING POINT:** Near that of water.

**THERMAL DECOMPOSITION:** No data available for this mixture.

**SOLUBILITY IN WATER:** Complete

**PARTITION COEFFICIENT: N-OCTANOL/WATER:** No data available for this mixture.

**EVAPORATION RATE:** Near that of water.

**SPECIFIC GRAVITY:** 1.01 to 0.90 g/ml

**OXIDIZING PROPERTIES:** This product is not classified as oxidizing

## 10. STABILITY AND REACTIVITY

**REACTIVITY:** Not classified as a reactivity hazard.

**HAZARDOUS POLYMERIZATION:** Will not occur.

**STABILITY:** Stable under normal conditions.

Horizon Z-DSL-5000

**CONDITIONS TO AVOID:** None known.**POSSIBILITY OF HAZARDOUS REACTIONS:** No dangerous reaction known under conditions of normal use.**HAZARDOUS DECOMPOSITION PRODUCTS:** Oxides of Carbon and Nitrogen.**INCOMPATIBLE MATERIALS:** Strong oxidizing agents, acids and bases.**11. TOXICOLOGICAL INFORMATION****ACUTE**

Chemical Name	ORAL LD <sub>50</sub>	DERMAL LD <sub>50</sub>
Cocamide DEA	> 5000.0 mg/kg (rat)	> 2000.0 mg/kg (rabbit)
Ethanol, 2, 2'-iminobis-	1600 mg/kg (rat)	12200 mg/kg (rabbit)

**EYE EFFECTS:** May cause eye irritation.**SKIN EFFECTS:** May cause skin irritation.**CHRONIC:** Health injuries are not known or expected under normal use.**SUBCHRONIC:** This product may be irritating to the eyes.**CARCINOGENICITY**

Chemical Name	IARC Status
Cocamide DEA	Group 2B
Ethanol, 2, 2'-iminobis-	Group 2B

**IARC:** Cocamide DEA (CAS# 68603-42-9) and N,N-Diethanolamine (CAS# 111-42-2): 2B Possibly carcinogenic to humans.**NTP:** No ingredient in this product is present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.**OSHA:** No ingredient in this product is present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.**REPEATED DOSE EFFECTS:** No data available for this mixture.**IRRITATION:** Skin and eye irritation.**SENSITIZATION:** No data available for this mixture.**NEUROTOXICITY:** No data available for this mixture.**GENETIC EFFECTS:** No data available for this mixture.**REPRODUCTIVE EFFECTS:** No data available for this mixture.**TARGET ORGANS:** No data available for this mixture.**TERATOGENIC EFFECTS:** No data available for this mixture.**MUTAGENICITY:** No data available for this mixture.**SYNERGISTIC MATERIALS:** No data available for this mixture.**12. ECOLOGICAL INFORMATION****ECOTOXICOLOGICAL INFORMATION:** Toxic to aquatic life with long lasting effects.**BIOACCUMULATION/ACCUMULATION:** The potential for bioconcentration in organisms is low.**DISTRIBUTION:** Not determined for this mixture.**AQUATIC TOXICITY (ACUTE):** No data available for this mixture.**CHEMICAL FATE INFORMATION:** This product is expected to be readily biodegradable.**13. DISPOSAL CONSIDERATIONS****DISPOSAL METHOD:** Follow all Federal, State and Local Regulations appropriate for this material.**PRODUCT DISPOSAL:** Wastewater resulting from this product should be directed to a proper waste water treatment facility.

Horizon Z-DSL-5000

**EMPTY CONTAINER:** Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

#### 14. TRANSPORT INFORMATION

##### DOT (DEPARTMENT OF TRANSPORTATION)

**PROPER SHIPPING NAME:** Not regulated as dangerous goods.

##### ROAD AND RAIL (ADR/RID)

**PROPER SHIPPING NAME:** Not regulated as dangerous goods.

**COMMENTS:** The shipper / consignor / sender is responsible to ensure that the packaging, labeling and markings are in compliance with the selected mode of transport.

#### 15. REGULATORY INFORMATION

##### UNITED STATES

##### SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

**311/312 HAZARD CATEGORIES:** Acute Health Hazard, Chronic Health Hazard

**FIRE:** No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** Yes

**313 REPORTABLE INGREDIENTS:** Diethanolamine

##### EPCRA SECTION 313 SUPPLIER NOTIFICATION

Chemical Name	Wt.%	CAS
Ethanol, 2, 2'-iminobis-	1 - 2	111-42-2

##### 302/304 EMERGENCY PLANNING

**EMERGENCY PLAN:** No chemicals in this product are subject to the reporting requirements of SARA Title III, Section 302.

##### CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT)

Chemical Name	Wt.%	CERCLA RQ
Ethanol, 2, 2'-iminobis-	1 - 2	100

##### TSCA (TOXIC SUBSTANCE CONTROL ACT)

**TSCA REGULATORY:** All ingredients are listed.

**CALIFORNIA PROPOSITION 65:** This product can expose you to chemicals including Cocamide Diethanolamine and Diethanolamine, which are known to the State Of California to cause cancer. For more information go to: [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**OSHA HAZARD COMM. RULE:** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

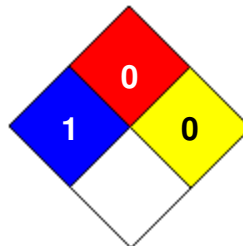
#### 16. OTHER INFORMATION

Date Prepared: 02/19/2019

##### HMIS RATING

HEALTH	<input type="checkbox"/>	1
FLAMMABILITY	<input type="checkbox"/>	0
PHYSICAL HAZARD	<input type="checkbox"/>	0
PERSONAL PROTECTION	<input type="checkbox"/>	B

##### NFPA CODES



**ADDITIONAL SDS INFORMATION:** This Safety Data Sheet applies to this product in its concentrated form (as supplied). The hazards of this product will diminish significantly at end use dilution ratios.

**MANUFACTURER DISCLAIMER:** The information provided in the Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use,

Horizon Z-DSL-5000

processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with other material or in any process, unless specified in the text.

End of Safety Data Sheet