



MATERIAL SAFETY DATA SHEET

Scale Inhibitor-101

1. Chemical Identification

Supplier's name..... **McKinley Resources, Inc.**
Supplier's address..... P.O. Box 810472, Dallas, Texas 75381
Supplier's number..... 972-620-9730 / Fax: 972-421-1860
Emergency number.....(800)-424-9300

Product:.....Polymer	Hazard Rating	Rating Scale
General Description.....Anionic polymeric dispersant	Health 2*	4= Extreme
Chemical family.....Polyacrylate	Fire 0	3= High
Revision Date.....	Reactivity 0	2= Moderate
Primary Hazard.....May Cause Irritation	Personal Protection B	1= Slight
		0= Insignificant

2. Hazardous Ingredients

INGREDIENT(S)	CAS NUMBER	Approximate Wt. %
This product contains a component that causes irritation.	Proprietary	Proprietary

3. Handling Precautions

Caution: Non- combustible liquid. May cause irritation to skin and eyes. Keep container closed when not in use. Use with adequate ventilation. Do not take internally. Avoid prolonged or repeated breathing of vapor. Avoid contact with skin, eyes or clothing. Empty containers may contain residual product. Do not reuse container unless properly reconditioned.

4. First Aid Information

EYES: Flush with water for at least 15 minutes while holding eyelids open. Call a physician if irritation persists.

SKIN: Remove contaminated clothing. Wash exposed area with soap and water for at least 15 minutes as a precaution. Call a physician if rash or other symptoms develop.

INGESTION: No hazards which require special first aid measures.

INHALATION: No hazards which require special first aid measures.

MATERIAL SAFETY DATA SHEET

Scale Inhibitor-101

Note to Physicians

Based on individual reactions of the patient, the physician's judgment should be used to control symptoms and clinical condition.

5. Health Effects Information

Primary Routes of Exposure: Eye, Inhalation, Skin

Eye Contact: May cause eye irritation with susceptible people.

Skin contact: Can cause allergic contact dermatitis in susceptible individuals.

Ingestion: Ingestion of large quantities (> ¼ cup) of this product may cause nausea, vomiting a diarrhea depending on the first aid action given.

Inhalation: Prolonged inhalation of mist or vapor can be harmful, causing irritation of the mucus membranes depending on the length of exposure and the first aid action given.

Symptoms of Exposure: ACUTE: A review of available data does not identify any symptoms from exposure not previously mentioned.

CHRONIC: Prolonged skin contact can cause dry skin and de-fatting resulting in irritation and dermatitis. See Section B for additional information.

Aggravation of Existing Conditions: A review of available data does not identify any worsening of existing conditions.

6. Toxicological Information

Aquatic toxicity: Toxicity to Fish: LC50/Fish/96 h. > 100mg/l (OECD 203)

7. Physical & Chemical Properties

Appearance:.....Liquid	Solubility: Water Soluble
Color:.....Colorless to Pale Yellow	Freeze Point: 0 F
Odor:Mild	Initial Boiling Point: N/D
Specific Gravity:.....1.250	Flash Point: Does Not Flash
Density:.....10.38	Vapor Pressure: N/D
pH (5% solution):.....2.0 – 4.0	Evaporation Rate:..... N/D

NOTE: These physical properties are typical values for this product and not specifications.

8. Fire & Explosion Information

Flash Point:	Does Not Flash
Lower Explosive Limit:	No Data Available
Upper Explosive Limit:	No Data Available

MATERIAL SAFETY DATA SHEET

Scale Inhibitor-101

8. Fire & Explosion Info (continued)

Extinguishing Media: Not required

Unusual Fire and Explosion Hazards: NONE

9. Reactivity Information

Incompatibility: Stable hazardous polymerization does not occur.

10. Personal Protection

Respiratory Protection: Respiratory protection is not normally needed under typical use and handling conditions.

Ventilation: General ventilation is recommended. Additionally, local exhaust ventilation is recommended where vapors, mists or aerosols may be released.

Protective Equipment: Wear impermeable gloves, boots, apron and face shield with chemical splash goggles.

The availability of eye wash fountain and safety shower are recommended. If clothing is contaminated, remove clothing and thoroughly wash the affected area. Launder contaminated clothing before reuse.

11. Spill and Disposal Information

In case of transportation accident, call the emergency response phone number: 800-424-9300

Spill Control and Recovery:

Small Spills: contain with absorbent material such as clay, soil, or any commercially available absorbent. Shovel reclaimed liquid and absorbent into recovery or salvage drums for disposal. Refer to CERCLA in Section 14.

For large indoor spills, evacuate employees and ventilate area. Eliminate all sources of spark or flame.

12. Regulatory Information

This product is not classified as dangerous.

European Inventories (REACH):

All components of this product have been registered or pre-registered with the European Chemicals Agency or are exempt from registration.

Canadian DSL:

All components of this product are either listed on the inventory or are exempt from listing.



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Scale Inhibitor-101

13. Transportation

DOT not regulated.

14. Other Information

THE SAFETY INFORMATION OF THIS PRODUCT IS PROVIDED TO ASSIST OUR CUSTOMERS IN ASSESSING COMPLIANCE WITH HEALTH, SAFETY AND ENVIRONMENTAL REGULATIONS. THE INFORMATION CONTAINED HEREIN IS BASED ON DATA AVAILABLE TO US AND IS BELIEVED TO BE ACCURATE, ALTHOUGH NO GUARANTEE OR WARRANTY IS PROVIDED BY THE COMPANY IN THIS RESPECT. SINCE THE USE OF THIS PRODUCT IS WITHIN THE EXCLUSIVE CONTROL OF THE USER, IT IS THE USER'S OBLIGATION TO DETERMINE THE CONDITIONS OF SAFE USE OF THIS PRODUCT. SUCH CONDITIONS SHOULD COMPLY WITH ALL FEDERAL REGULATIONS PRODUCT CONCERNING THE PRODUCT.