

APPALACHIAN DRILLING SERVICES

SAFETY DATA SHEET

Corrosion Inhibitor AI-23

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

Product name: Corrosion Inhibitor AI-23

Distributor: APPALACHIAN DRILLING SERVICES
105 Industrial Park Road
Beech Creek, PA 16822
United States

Telephone: 570-907-0136

Telefax: 570-907-0136

Emergency telephone number: ChemTrec 800-424-9300

2. HAZARDS IDENTIFICATION

Signal word: "WARNING"

Hazard statement: H303 - May be harmful if swallowed
H313 - May be harmful in contact with skin
H316 - Causes mild skin irritation
H320 - Causes eye irritation

Precautionary statement:

(PREVENTION)

P264 - Wash thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P280 - Wear protective gloves.

(RESPONSE)

P301 + P312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P330 - Rinse mouth.
P302+P352 - IF ON SKIN: Wash with plenty of soap and water
P305+351+P338 - IF IN EYES: Rinse cautiously with water for 20 minutes
Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 - If eye irritation persists: Get medical advice/attention.
P362+P364 - Take off contaminated clothing.

(Disposal)

P501 - Dispose of content/container in accordance with local regulation.

GHS Hazard Pictograms:



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3. COMPOSITION / INFORMATION OF INGREDIENTS

Chemical Name	CAS #	%	TLV/PEL
Proprietary phosphate ester			

4. FIRST AID MEASURES

Routes of Exposure and Symptoms

Ingestion: Overexposure may cause gastrointestinal irritation, diarrhea, nausea and vomiting.

Eyes: Overexposure causes excessive watering, redness and stinging.

Skin: Overexposure may cause itching and redness similar to a rash.

First Aid Response

Ingestion: Contact physician or poison control center. If victim is conscious and able to swallow, quickly give milk or water to dilute. Do not give sodium bicarbonate, vinegar, or fruit juices. Never give anything by mouth if victim is unconscious or having convulsions. Induce vomiting only upon advice of a physician.

Eye contact: Flush immediately with copious amounts of water. Continue flushing for at least 15 minutes. Seek medical attention!!

Skin contact: Wash exposed areas with soap and water. If itching and redness persist, seek medical attention.

5. FIRE FIGHTING MEASURES

Extinguishing media: Water spray, Foam, Dry Chemical, Carbon Dioxide (CO2).

Flash point: 300F

Autoignition temperature: Not applicable.

Special procedures: Wear self-contained breathing apparatus when fighting a fire.

6. ACCIDENTAL RELEASE MEASURES

Spill and clean up: Contain material by diking the area around the spill. If the product is in a solid form, shovel directly into recovery drums. If the product is a liquid, it should be picked up using a suitable absorbent material, then shoveled into recovery drums.

7. HANDLING AND STORAGE

Min/Max storage temperature: No special requirements.

Handling precautions: No special requirements.

Incompatible or segregation: If this chemical is being stored around hazardous material ensure that each chemical is compatible with each other by follow the segregation practices that are set in place by the local, state, & federal regulating offices.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection: The use of a NIOSH approved respiratory protection may be needed if working in a poor ventilated area.

Ventilation: Ensure adequate ventilation, especially in confined areas.

Protective gloves: Chemical resistant gloves.

Eye protection: Chemical goggles.

Work/Hygienic practices: Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling.

Other equipment: Eye wash and safety shower in work area.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

Color: Water white

Odor: Mild characteristic alcohol

Odor threshold: N/A

pH.: N/A

Melting Point: N/A

Boiling Point: N/A

Flash Point: 300 F

Flammability: N/A

Explosive limits: N/A

Specific gravity: 8.6

Evaporation rate: N/A

Vapor pressure: N/A

Relative density: N/A

Solubility in water: Soluble.

% Activity: 89 Max

Auto ignition temperature: N/A

Decomposition temperature: N/A

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10. STABILITY AND REACTIVITY

Stability: Stable.

Hazardous polymerization: Hazardous polymerization will not occur.

Incompatibility: Avoid contact with strong oxidizers.

11. TOXICOLOGICAL INFORMATION

This product has not been tested. Information provided here has been derived from substances/products of a similar structure or composition.

Oral LD50 (mg/kg bodyweight): No applicable information is available

Dermal LD50 (mg/kg bodyweight): No applicable information is available

Skin: Category 2 (Skin Irritant)

Eye: Category 1 (Serious eye damage)

Vapors (mg/l): No applicable information is available

Gases (ppmV): No applicable information is available

Dusts & Mists (mg/l): No applicable information is available

Carcinogenicity: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA

12. ECOLOGICAL INFORMATION

Ecotoxicological Information: Not determined

Bioaccumulation: Not determined

Other Information:

13. DISPOSAL CONSIDERATIONS

Waste disposal: Consult local, state and federal regulations before disposing of this material.

Spill: If material is released into the environment, the user should determine whether the spill should be reported to the appropriate local, state, and federal authorities.

14. TRANSPORTATION REGULATIONS

US DOT: NON-REGULATED MATERIAL

IATA: NON-REGULATED MATERIAL

IMO/IMDG: NON-REGULATED MATERIAL

Marine pollutant: No

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15. REGULATORY INFORMATION

TSCA Registered: Yes.

SARA Title III Section 313: This product does not contain material regulated under SARA Title III Section 313.

R&D Exemption: Unknown.

16. OTHER INFORMATION

NFPA:

Health: 1
Flammability: 1
Instability: 0



Note: NFPA = National Fire Protection Agency

HMS Rating:

Health: 1
Flammability: 1
Reactivity: 0



The information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of manufacturer. Users should consider these data only as a supplement to other information gathered by them and must make independent determinations of the suitability and completeness of information from all sources to assure proper use and disposal of these materials and the health of employees and customers.

Revised October 20, 2015, S. Bowser