

SAFETY DATA SHEET

MAXX FORCE INVERLUBE

According to 29 CFR 1910.1200

SDS Date of Compilation: 3/20/2026

Revision Date: 00/00/0000

Version: 1

SECTION 1. IDENTIFICATION

Product Identifier

Product Name: MAXX FORCE INVERLUBE

Chemical Name: Proprietary

CAS Number: Proprietary

Other Identifiers: Non-applicable

Manufacturer / Supplier Details

Company Name: Valence Drilling Fluids

Address: 609 S. Kelly Ave Suite D-1 Edmond, OK 73003 USA

Telephone: +1 918-770-6023

SDS Contact Email: jrubin@valencedf.com

Emergency Telephone: United States Local: +1 (703) 741-5970 CHEMTREC Toll Free: +1 (800) 424-9300 CHEMTREC International: +1 (703) 527-3887

Recommended Use and Restrictions

Recommended Use: Lubricant / drilling fluid additive (industrial use)

Restrictions on Use: For industrial use only. All uses not specified in this section or in section 7.

SECTION 2. HAZARDS IDENTIFICATION

29 CFR 1910.1200:

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

NFPA Rating

Health Hazards: 0

Flammability Hazards: 1

Instability Hazards: 0

Special Hazards: Non-applicable

Other Hazards

Hazards Not Otherwise Classified (HNOC): Non-applicable

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Substance / Mixture

Substance / Mixture:	Not defined
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Components

Chemical Name	CAS No.	Concentration (% w/w)
Proprietary	Proprietary	Proprietary

Remaining components are non-hazardous and/or present at amounts below reportable limits. The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200. Therefore, in accordance with Appendix D to § 1910.1200, the product contains:

SECTION 4. FIRST AID MEASURES

General Advice:	Consult a doctor in case of discomfort with this Safety data Sheet.
If Inhaled:	In case of symptoms, move the person affected into fresh air.
In Case of Skin Contact:	In case of contact it is recommended to clean the affected area thoroughly with water and neutral soap. In case of changes to the skin (stinging, redness, rashes, blisters,...), seek medical advice with this Safety Data Sheet
In Case of Eye Contact:	Rinse with water until the product has been eliminated. In case of problems, consult a doctor with the SDS of this product.
If Swallowed:	In case of consumption in large quantities, it is recommended to seek medical assistance.
Most Important Symptoms and Effects (Acute and Delayed):	Acute and delayed effects are indicated in sections 2 and 11.
Notes to Physician:	None

SECTION 5. FIREFIGHTING MEASURES

Suitable Extinguishing Media:	Product is non-flammable under normal conditions of storage, handling and use. In the case of combustion as a result of improper handling, storage or use preferably use polyvalent powder extinguishers (ABC powder), in accordance with the Regulation on fire protection systems.
Unsuitable Extinguishing Media:	Non-applicable
Specific hazards arising from the chemical:	Due to its non-flammable nature, the product does not present a fire risk under normal conditions of storage, manipulation and use.
Special Protective Equipment for Firefighters:	Depending on the magnitude of the fire it may be necessary to use full protective clothing and Self-Contained Breathing Apparatus. Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...)
Further Information:	As in any fire, human exposure to fire, smoke, fumes or products of combustion. Only properly trained personnel should be involved in firefighting. Evacuate nonessential personnel from the fire area. Destroy any source of ignition. In case of fire,

	refrigerate the storage containers and tanks for products susceptible to inflammation. Avoid spillage of the products used to extinguish the fire into an aqueous medium.
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SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: For non-emergency personnel:	Isolate leaks provided that there is no additional risk for the people performing this task.
For emergency responders:	Wear protective equipment. Keep unprotected persons away. See section 8.
Environmental Precautions:	This product is not classified as hazardous to the environment. Keep product away from drains, surface and underground water.
Methods and Materials for Containment and Cleanup:	For accidental releases in excess of reportable quantities (RQ) (Table 302.4), refer to 40 CFR 302 for detailed instructions concerning reporting requirements and notify the National Response Center (800) 424-8802. Prevent the entrance of product in drains, sewers or watercourses. Absorb the spill using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. Collect the product in appropriate containers and manage it according to current legislation. Spillages in water or sea: Small spillages: Contain spillage using barriers or similar equipment. Use suitable absorbents for collection and treat the waste in accordance with current regulations. Large spillages: If possible, contain spillage in open water using barriers or similar equipment. If this is not possible, try to control its spread and collect the product with suitable mechanical means. Always consult experts before using dispersants and make sure you have the necessary approvals if they are to be used. Treat the waste according to current regulations.
Reference to Other Sections:	See Sections 8 and 13.

SECTION 7. HANDLING AND STORAGE

Handling	
Precautions for safe handling:	A.- General precautions for safe use Comply with the current legislation concerning the prevention of industrial risks with regards manually handling weights. Maintain order, cleanliness and dispose of using safe methods (section 6). B.- Technical recommendations for the prevention of fires and explosions It is recommended to transfer at a slow speed to avoid the creation of electrostatic charges that could affect flammable products. Consult section 10 for conditions and materials that should be avoided. C.- Technical recommendations on general occupational hygiene Do not eat or drink during the process, washing hands afterwards with suitable cleaning products. D.- Technical recommendations to prevent environmental risks

	It is not necessary to take special measures to prevent environmental risks. For more information see subsection 6.2
Conditions for safe storage, including any incompatibilities:	A.- Specific storage requirements Store in a cool, dry, well-ventilated location B.- General conditions for storage Avoid sources of heat, radiation, static
Specific end use(s):	Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters:	Substances whose occupational exposure limits have to be assessed in the workplace: There are no applicable occupational exposure limits for the substances contained in the product
Appropriate engineering controls:	A.- Individual protection measures, such as personal protective equipment As a preventative measure it is recommended to use basic Personal Protection Equipment. For more information on Personal Protection Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1. All information contained herein is a recommendation, the information on clothing performance must be combined with professional judgment, and a clear understanding of the clothing application, to provide the best protection to the worker. All chemical protective clothing use must be based on a hazard assessment to determine the risks for exposure to chemicals and other hazards. Conduct hazard assessments in accordance with 29 CFR 1910.132. B.- Respiratory protection If the working conditions and/or safety measures adopted do not allow keeping the airborne concentration of the product below the exposure limits (if any) or at acceptable levels (if no exposure limits exist), suitable respiratory protection equipment chosen by a qualified professional should be used.
	Specific Protection
Hands	Protective Gloves against minor risks, Replace gloves in case of any sign of damage. For prolonged periods of exposure to the product for professional /industrial users, we recommend using chemical protection gloves. Use gloves in accordance with manufacturer
Eye & Face Protection	Panoramic glasses against splash/projections. Clean daily and disinfect periodically according to the manufacturer's instructions. Use if there is a risk of splashing. Use this PPE in accordance with manufacturer's use limitations and OSHA standard 1910.133 (29CFR)
Bodily Protection	Work clothing and Anti-slip work shoes. Replace before any evidence of deterioration.
Additional Emergency Measures	It is advised to implement additional emergency equipment in workplaces that are particularly exposed to the product or in situations where risk assessments highlight the necessity of such equipment's.

	It is not necessary to take additional emergency measures.
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Environmental Exposure Controls

VOC Content (40 CFR Part 59):	0% weight / 0 kg/m ³ (0 g/L)
California CARB VOC:	0% weight / 0 kg/m ³ (0 g/L)
SCAQMD VOC:	0% weight / 0 kg/m ³ (0 g/L)
OTC VOC:	0% weight / 0 kg/m ³ (0 g/L)
Total Lead:	0%

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State at 68 °F (20 °C):	Liquid
Appearance:	Non-applicable
Color:	Characteristic
Odor:	Non-applicable
Odor Threshold:	No data available
pH:	Non-applicable
Melting Point / Freezing Point:	Non-applicable
Boiling Point / Boiling Range:	Non-applicable
Flash Point:	567 °F (297 °C)
Evaporation Rate at 68 °F:	Non-applicable
Upper Flammability Limit:	Non-applicable
Lower Flammability Limit:	Non-applicable
Vapor Pressure at 68 °F:	Non-applicable
Vapor Pressure at 122 °F:	< 300,000 Pa (300 kPa)
Vapor Density at 68 °F:	Non-applicable
Relative Density at 68 °F:	0.923
Density at 68 °F:	923 kg/m ³
Water Solubility:	Non-applicable
Partition Coefficient (n-octanol/water):	Non-applicable
Auto-Ignition Temperature:	Non-applicable
Decomposition Temperature:	Non-applicable
Dynamic Viscosity at 68 °F:	Non-applicable
Kinematic Viscosity at 68 °F:	Non-applicable

Explosive Properties:	Non-applicable
Oxidizing Properties:	Non-applicable
Corrosive to Metals	Non-applicable
Heat of combustion	Non-applicable

SECTION 10. STABILITY AND REACTIVITY

Reactivity:	No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7 from Safety Data Sheet.
Chemical Stability:	Chemically stable under the indicated conditions of storage, handling and use.
Possibility of Hazardous Reactions:	Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.
Conditions to Avoid:	Not applicable
Incompatible Materials:	Avoid strong acids. Avoid alkalis or strong bases.
Hazardous Decomposition Products:	See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO ₂), carbon monoxide and other organic compounds.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute Toxicity	
LD50 Oral (Rat):	> 5,000 mg/kg
LD50 Dermal:	> 5,000 mg/kg
LC50 Inhalation Vapor:	> 20 mg/L

Health Effects by Route of Exposure	
Ingestion (Acute):	Acute toxicity: Classification criteria not met based on available data. Corrosivity/Irritability: Classification criteria not met.
Inhalation (Acute):	Acute toxicity: Classification criteria not met based on available data. Corrosivity/Irritability: Classification criteria not met.
Skin Contact (Acute):	Classification criteria not met based on available data.
Eye Contact (Acute):	Classification criteria not met based on available data.
Carcinogenicity:	Classification criteria not met. IARC: Non-applicable. No component present at $\geq 0.1\%$ identified as probable, possible, or confirmed human carcinogen.
Mutagenicity:	Classification criteria not met based on available data.
Reproductive Toxicity:	Classification criteria not met based on available data.
Skin Sensitization:	Classification criteria not met based on available data.
Respiratory Sensitization:	Classification criteria not met based on available data.
STOT – Single Exposure:	Classification criteria not met based on available data.
STOT – Repeated Exposure:	Classification criteria not met based on available data.
Aspiration Hazard:	Classification criteria not met based on available data.

SECTION 12. ECOLOGICAL INFORMATION

Based on available data, the classification criteria are not met.

Ecotoxicity (Aquatic and Terrestrial):	Non-applicable
Persistence and Degradability:	Non-applicable
Bioaccumulative Potential:	Non-applicable
Mobility in Soil:	Non-applicable
PBT and vPvB Assessment:	Non-applicable
Other Adverse Effects:	Not described

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods	
Waste from Residues:	IT IS THE RESPONSIBILITY OF THE WASTE GENERATOR TO EVALUATE WHETHER WASTES ARE HAZARDOUS BY CHARACTERISTICS OR LISTING.
Waste management (disposal and evaluation):	Follow RCRA framework and EPA regulation for to ensure that hazardous waste is managed safely and properly. Waste should not be disposed of to drains. Remind, It is the responsibility of the waste generator to evaluate whether his wastes are hazardous by characteristics or listing. See section 6 for further information about Accidental release measures.
Regulations related to waste management:	Legislation related to waste management: 40 CFR Solid Wastes - Part 239 through 282. State regulatory requirements for generators may be more stringent than those in the federal program. Be sure to check the state's policies.

SECTION 14. TRANSPORT INFORMATION

Transport of Dangerous Goods by Land — With regard to 49 CFR on the Transport of Dangerous Goods:	
UN Number:	Non-applicable
UN Proper Shipping Name:	Non-applicable
Transport Hazard Class(es):	Non-applicable
Labels:	Non-applicable
Packing Group, if applicable:	Non-applicable
Marine Pollutant:	Non-applicable
Special precautions which a user needs to be aware of, or needs to comply with, in	See section 9

connection with transport or conveyance either within or outside their premises; Physio-Chemical Properties	
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Transport of Dangerous Goods by Sea — With regard to IMDG 42-24:

UN Number:	Non-applicable
UN Proper Shipping Name:	Non-applicable
Transport Hazard Class(es):	Non-applicable
Labels:	Non-applicable
Packing Group, if applicable:	Non-applicable
Marine Pollutant:	Non-applicable
Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises: Special Regulations	Non-applicable
EmS Codes:	Non-applicable
Physico-Chemical Properties:	see section 9
Limited Quantities:	Non-applicable
Segregation Group:	Non-applicable
Transport in Bulk (Annex II of MARPOL 73/78 and the IBC Code):	Non-applicable

National Regulations

49 CFR (DOT):	Not regulated as a dangerous good
UN Number:	Non-applicable
Proper Shipping Name:	Non-applicable
Transport Hazard Class:	Non-applicable
Packing Group:	Non-applicable
Marine Pollutant:	Non-applicable
Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises; Physio-Chemical Properties	See section 9

Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code):	Non-applicable
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SECTION 15. REGULATORY INFORMATION

Safety, health and environmental regulations specific for the product in question:	- California Proposition 65 (the Safe Drinking Water and Toxic Enforcement Act of 1986) - Birth defects or other reproductive harm: Non-applicable - California Proposition 65 (the Safe Drinking Water and Toxic Enforcement Act of 1986) - Cancer: Non-applicable - CANADA-Domestic Substances List (DSL): MAXX FORCE INVERLUBE - CANADA-Non-Domestic Substances List (NDSL): Non-applicable - Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) - Reportable Quantities: Non-applicable - Hazardous Air Pollutants (Clean Air Act): Non-applicable - List of Controlled Substances (ZDHC V3.1): Non-applicable - Massachusetts RTK - Substance List: Non-applicable - Minnesota - Hazardous substances ERTK: Non-applicable - New Jersey Worker and Community Right-to-Know Act: Non-applicable - New York RTK - Substance list: Non-applicable - NTP (National Toxicology Program): Non-applicable - OSHA Specifically Regulated Substances (29 CFR 1910.1001-1096): Non-applicable - Pennsylvania Worker and Community Right-to-Know Law: Non-applicable - Protective Action Criteria (PAC) with AEGLs, ERPGs, & TEELs: Non-applicable - Rhode Island - Hazardous substances RTK: Non-applicable - SB-258 Cleaning Product Right to Know Act : Non-applicable - The Toxic Substances Control Act (TSCA) (USA, Puerto Rico): MAXX FORCE INVERLUBE) - Toxic chemical release reporting under EPCRA section 313 (40 CFR Part 372): Non-applicable
Specific provisions in terms of protecting people or the environment:	It is recommended to use the information provided in this safety data sheet as a foundation for conducting workplace-specific risk assessments. These assessments will help establish the appropriate risk prevention measures for handling, using, storing, and disposing of this product.
Other legislation:	Take into consideration other applicable federal, state, and local laws and local regulations.

SECTION 16. OTHER INFORMATION

SDS Prepared By:	Valence Drilling Fluids
Date of Compilation:	3/20/2026
Revision Date:	00/00/0000
Version:	1

Legislation related to safety data sheets:

This safety data sheet has been designed in accordance with Appendix d to §1910.1200 - Safety data sheets

Texts of the legislative phrases mentioned in section 3:

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

29 CFR 1910.1200:

Non-applicable

Advice related to training:

According to 29 CFR 1910. 1200, training on chemical hazards is necessary for employees using this product. This training will facilitate their understanding and interpretation of the safety data sheet, as well as the product label.

Principal bibliographical sources:

Occupational Safety & Health Administration (OSHA).

Abbreviations and acronyms:

IMDG: International maritime dangerous goods code
IATA: International Air Transport Association
ICAO: International Civil Aviation Organisation
COD: Chemical Oxygen Demand
BOD5: 5-day biochemical oxygen demand
BCF: Bioconcentration factor
LD50: Lethal Dose 50
CL50: Lethal Concentration 50
EC50: Effective concentration 50
Log-POW: Octanol-water partition coefficient
Koc: Partition coefficient of organic carbon
IARC: International Agency for Research on Cancer

NFPA

Health Hazards: 0

Flammability Hazards: 1

Instability Hazards: 0

Special Hazards: Non-applicable

Manufacturer Disclaimer: The information contained in this safety data sheet ("SDS") is based on sources, technical knowledge and current legislation. Furthermore, is based on data believed to be accurate; thus, the company does not assume any liability for its accuracy. The information provided herein cannot be considered a guarantee of the properties of this product and the same is simply a description of the security requirements. The use, occupational methodology and/or conditions for users of this product are not within our awareness or control. It is ultimately the responsibility of the user(s) to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information of this SDS only refers to this product, which should not be used for purposes other than those specified. Finally, the manner in which this product is used and whether there is any infringement of patents is the sole responsibility of the user(s).