



SAFETY DATA SHEET

Rheonic HV

Section: 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Rheonic HV
Other means of identification : N/A
Recommended use : Drilling Fluid Additive
Restrictions on use : None known
Company : Drillchem Drilling Solutions, LLC
P.O. Box 132107
Spring, TX 77393
Emergency telephone : (800) 424-9300 (24 Hours) CHEMTREC
number
Issuing date : 10/23/2018

Section: 2. HAZARDS IDENTIFICATION

GHS Classification

Flammable liquids : Not classified
Skin irritation : Not classified
Eye irritation : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Not classified
Specific target organ toxicity : Not classified
- single exposure
Aspiration hazard : Not classified

GHS Label element

Hazard pictograms : None
Signal Word : None
Hazard Statements : The mixture does not meet the criteria for classification.
Precautionary Statements : The mixture does not meet the criteria for classification.
Other hazards : None known.

Section: 3. COMPOSITION/INFORMATION ON INGREDIENTS

Pure substance/mixture : Mixture

CAS-No.	Chemical name	Weight percent
64742-53-6	Distillates (petroleum), hydrotreated light naphthenic	40 - 50

No hazardous ingredients

Section: 4. FIRST AID MEASURES

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In case of eye contact	: Remove contact lenses. Protect unharmed eye. If eye irritation persists, consult a specialist.
In case of skin contact	: Wash off with soap and water.
If swallowed	: Keep respiratory tract clear. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.
If inhaled	: If unconscious place in recovery position and seek medical advice. If symptoms persist, call a physician.
Protection of first-aiders	: No data available.
Notes to physician	: No data available.
Most important symptoms and effects, both acute and delayed	: No data available.

Section: 5. FIREFIGHTING MEASURES

Suitable extinguishing media	: Carbon dioxide (CO ₂) Dry powder Foam Water mist Water spray
Unsuitable extinguishing media	: Do not use water jet.
Hazardous combustion products	: A complex mixture of airborne solid and liquid particulates and gases (smoke). Carbon oxides. Unidentified organic and inorganic compounds.
Special protective equipment for firefighters	: Wear self-contained breathing apparatus for firefighting if necessary.
Specific extinguishing methods	: Use standard firefighting procedures and consider the hazards of other involved materials.

Section: 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	: Keep unnecessary personnel away. For personal protection, see section 8 of the SDS.
Environmental precautions	: No data available.
Methods and materials for containment and cleaning up	: Wipe up with absorbent material (e.g. cloth, fleece). Keep in suitable, closed containers for disposal.

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Section: 7. HANDLING AND STORAGE

Advice on safe handling	: For personal protection see section 8. Smoking, eating, and drinking should be prohibited in the application area.
Conditions for safe storage	: Electrical installations / working materials must comply with the technological safety standards.
Suitable material	: No data available
Unsuitable material	: No materials to be mentioned.
Storage temp and period	: < 25°C and 24 months.

Section: 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

Engineering measures	: No data available.
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Personal protective equipment

Eye protection	: Safety glasses.
Skin and hand protection	: Protective suit.
Respiratory protection	: No data available.
Hygiene measures	: 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

Appearance	: Liquid
Colour	: Light brown, opaque.
Odour	: Hydrocarbon-like
Flash point	: 200.0 °F (93.3 °C) estimated
pH	: no data available
Odour Threshold	: no data available
Freezing point	: -20 °C (-4 °F)
Initial boiling point and boiling range	: no data available
Evaporation rate	: no data available
Flammability (solid, gas)	: no data available
Upper explosion limit	: no data available
Lower explosion limit	: no data available
Vapour pressure	: no data available
Relative vapour density	: no data available

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Relative density	:	no data available
Density	:	1.08 g/cm ³
Water solubility	:	dispersible
Solubility in other solvents	:	no data available
Partition coefficient: n-octanol/water	:	no data available
Auto-ignition temperature	:	no data available
Thermal decomposition temperature	:	no data available
Viscosity, dynamic	:	no data available
Viscosity, kinematic	:	no data available
Molecular weight	:	no data available
Flash Point	:	93 °C (199 °F) Method: closed cup

Section: 10. STABILITY AND REACTIVITY

Chemical stability	:	Material is stable under normal conditions.
Possibility of hazardous reactions	:	No dangerous reaction known under conditions of normal use.
Conditions to avoid	:	Keep away from heat, flame, sparks and other ignition sources.
Incompatible materials	:	Oxidizing agents.
Hazardous decomposition products	:	Carbon dioxide and Carbon monoxide.

Section: 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure	:	Inhalation, Eye contact, Skin contact
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Product

Acute oral toxicity	:	No data available
Acute inhalation toxicity	:	No data available
Acute dermal toxicity	:	No data available
Skin corrosion/irritation	:	No data available
Serious eye damage/eye irritation	:	No data available
Respiratory or skin sensitization	:	No data available
Carcinogenicity	:	

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IARC No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA 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.

NTP No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Reproductive effects : This product is not expected to cause reproductive or developmental effects.

Germ cell mutagenicity : Not classified

Teratogenicity : Not classified

STOT - single exposure : Not classified

STOT - repeated exposure : Not classified

Aspiration toxicity :
Components:
64742-53-6:
May be fatal if swallowed and enters airways.

Chronic effects : Prolonged inhalation may be harmful.

Section: 12. ECOLOGICAL INFORMATION

Ecotoxicity no data available

Persistence and degradability no data available

Mobility no data available

Bioaccumulative potential: no data available

Other information

Ozone-Depletion Potential : Regulation: 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances
Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

Section: 13. DISPOSAL CONSIDERATIONS

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Disposal methods : Dispose of in accordance with all applicable local, state and federal regulations.

Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.

Section: 14. TRANSPORT INFORMATION

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

Land transport (DOT):

Not regulated as dangerous goods.

Air transport (IATA)

Not regulated as dangerous goods

Sea transport (IMDG/IMO)

Not regulated as dangerous goods

Section: 15. REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know Act: Not listed.

CERCLA Reportable Quantity: Not listed.

SARA 304 Extremely Hazardous Substances Reportable Quantity: Not regulated.

SARA 311/312 Hazards: No SARA Hazards.

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Clean Air Act: This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCM I Intermediate or Final VOC's (40 CFR 60.489).

Clean Water Act: This product does not contain any Hazardous Substances listed under the U.S. Clean Water Act, Section 311, Table 116.4A.

This product does not contain any Hazardous Chemicals listed under the U.S. Clean Water Act, Section 311, Table 117.3.

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307.

US State Regulations

Massachusetts Right to Know

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Pennsylvania Right to Know

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California Prop 65

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

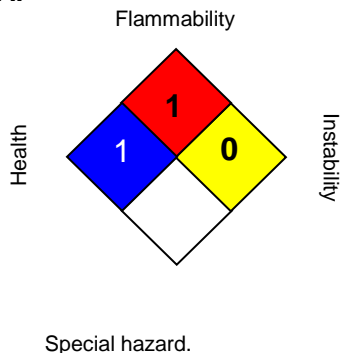
INTERNATIONAL CHEMICAL CONTROL LAWS :

United States TSCA Inventory: On TSCA Inventory

Canadian Domestic Substances List (DSL): On DSL Inventory

Section: 16. OTHER INFORMATION

NFPA:



HMIS III:

HEALTH	1
FLAMMABILITY	1
PHYSICAL HAZARD	0

0 = not significant, 1 =Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

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The information provided in this 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, 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 any other materials or in any process, unless specified in the text.