

Safety Data Sheet
Viscor Calibration Fluid 3112 Type II

SECTION I - IDENTIFICATION



Rock Valley Oil & Chemical
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PRODUCT NUMBER: CF3112II
PRODUCT NAME: Viscor Calibration Fluid 3112 Type II
CHEMICAL FAMILY: Calibration Fluid
CAS NUMBER: Multiple
DATE PREPARED: 5/28/2015
REVISION NUMBER: 5/28/2015

SECTION II - HAZARDOUS IDENTIFICATION

GHS CLASSIFICATION:

Classification

Acute Toxicity, Dermal

Category 5

Acute Toxicity, Inhalation

Category 5

WARNING!

GHS LABEL:



Hazard Statements

H313 May be harmful in contact with skin

H333 May be harmful if inhaled

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Precautionary Statements

p304+340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P312 Call a POISON CENTER or a doctor/physician if you feel unwell.

SECTION III - COMPOSITION/INFORMATION ON INGREDIENTS

The precise composition of this product is proprietary information. In the event of a medical emergency, a complete disclosure will be provided to medical personnel.

Component Name	CAS #	Component%	OSHA PEL	ACGIH TLV
Petroleum Distillates, Hydrotreated, Light	64742-47-8	30 - 60	500 ppm	500 ppm
Severely Hydrotreated Naphthenic Oil	64742-52-5	15 - 40	5 mg/m ³	5 mg/m ³
Light Naphthenic Hydrotreated Distillates	64742-53-6	15 - 40	5 mg/m ³	5 mg/m ³
Calcium Sulfonate	61789-86-4	1 - 5	5 mg/m ³	5 mg/m ³
Oxidation Inhibitor	Mixture	1 - 5	Not Established	Not Established
Sulfurized Fatty Oil	Mixture	1 - 5	Not Established	Not Established

SECTION IV - FIRST AID MEASURES

Contact with eyes: Flush with water for 15 minutes. Seek immediate medical attention.

Skin contact: Wash exposed areas with water and mild soap. Remove contaminated clothing immediately and launder before reuse. If irritations persist, seek immediate medical attention.

Inhalation: Remove victim to fresh air. Administer oxygen or artificial respiration if breathing is affected or stopped. Seek immediate medical attention.

Ingestion: If swallowed. Do not induce vomiting. Seek immediate medical attention.

SECTION V - FIREFIGHTING MEASURES

Suitable Extinguishing Media: Water fog, foam, CO₂, dry chemical.

Special Fire Fighting Procedures Use self-contained breathing apparatus and full bunker gear in fire areas. Evacuate all unprotected personnel from area. Keep containers cool with water fog to minimize swelling taking care not to spread flames with water used for cooling.

Unusual Fire Fighting Hazards:

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SECTION VI - ACCIDENTAL RELEASE MEASURES

Personal Precautions:

Environmental Precautions: Contain spill if it can be done with minimal risk. Prevent liquid from entering drains, sewers or waterways. Notify proper authorities.

Methods for Cleaning Up: Using only non-sparking tools and explosion proof equipment, collect spill on absorbent material and put into approved container.

SECTION VII - HANDLING AND STORAGE

Handling and Storage:

- Avoid prolonged breathing of mist or vapor. Wash thoroughly after handling.
- NFPA Class III B storage.

SECTION VIII - PRECAUTIONS TO CONTROL EXPOSURE / PERSONAL PROTECTION

EXPOSURE LIMITS:

Component Name	CAS #	OSHA PEL	ACGIH TLV
Petroleum Distillates, Hydrotreated, Light	64742-47-8	500 ppm	500 ppm
Severely Hydrotreated Naphthenic Oil	64742-52-5	5 mg/m ³ (Oil Mist)	5 mg/m ³ (Oil Mist)
Light Naphthenic Hydrotreated Distillates	64742-53-6	5mg/m ³ (Oil Mist)	5mg/m ³ (Oil Mist)
Calcium Sulfonate	61789-86-4	5 mg/m ³ (Oil Mists)	5 mg/m ³ (Oil Mists)
Oxidation Inhibitor	Mixture	Not Established	Not Established
Sulfurized Fatty Oil	Mixture	Not Established	Not Established

Engineering Controls: Adequate local or mechanical to reduce vapor or mist to below the PEL or TLV.

Monitoring: Follow accepted work practices for handling a flammable material.

Personal Protective Equipment (PPE)

Eye Protection: Goggles or approved OSHA device with side shields; do not wear contact lenses when handling this product.

Skin Protection: Impervious solvent resistant gloves. Impervious apron and work boots recommend where splashing may occur.

Respiratory Protection: Use the proper respirator in areas where the chemical exposure is unknown or above the OSHA PEL or ACGIH TLV.

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SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Light Brown liquid
Odor	Mild Petroleum
pH@25°C	N/Av
Melting/Freezing Point	N/A
Flashpoint	260°F COC
Specific Gravity	0.8762
Solubility	Insoluble
Auto-Ignition Temperature	N/Av
Decomposition Temperature	N/Av
VOC Content	1.605 #/Gallon
Odor Threshold	N/Av
Boiling Range	350 - 520°F
Evaporation Point	N/Av
Flammable Limits - Upper	None Established
Flammable Limits - Lower	None Established
Vapor Pressure	N/A
Vapor Density (Air=1)	>1
Viscosity	7.2 cSt @ 40 C

SECTION X - STABILITY AND REACTIVITY

Stability: Stable

Conditions to Avoid: None

Hazardous Decomposition/Byproducts: CO and CO2

Hazardous Polymerization: Will not occur.

Polymerization Conditions to Avoid: None

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SECTION XI - TOXICOLOGICAL INFORMATION

Likely Route of Exposure: Contact and inhalation; ingestion possible.

Inhalation:

Eye Contact:

Skin Contact: Repeated contact can lead to skin sensitization.

Ingestion: Aspiration hazard. Can enter the lungs during swallowing or vomiting and cause chemical pneumonia and edema.

Toxicity:

Component Name	LD50	LC50
Petroleum Distillates, Hydrotreated, Light	Oral - rat - > 5000 mg/kg - Dermal - rabbit - >2000mg/kg	Inhalation - rat - >5 mg/l / 4 h
Severely Hydrotreated Naphthenic Oil	Oral - rat - > 5000 mg/kg ; Dermal - rabbit - > 5000 mg/kg	Inhalation - rat - >5 mg/l / 4 h
Light Naphthenic Hydrotreated Distillates	Not Established	Not Established
Calcium Sulfonate	> 20 g/kg in Rats	Not Established
Sulfurized Fatty Oil	Not Established	Not Established
Oxidation Inhibitor	Not Established	Not Established
Sulfurized Fatty Oil	Not Established	Not Established
Oxidation Inhibitor	Not Established	Not Established

Reproductive Effects	Teratogenicity	Mutagenicity	Embryotoxicity	Sensitization to Product	Synergistic Products
Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

SECTION XII - ECOLOGICAL INFORMATION

Ecotoxicity: Information not available.

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Mobility: Information not available.

Degradability: Information not available.

BioAccumulation: Information not available.

SECTION XIII - WASTE DISPOSAL CONSIDERATIONS

Follow Federal, state, and local regulations.

SECTION XIV - TRANSPORT INFORMATION

DOT SHIPPING INFORMATION

Proper Shipping Name: Not Regulated

Contains:

Hazard Class and Label:

Identification Number:

Packaging Group:

SECTION XV - REGULATORY INFORMATION

TSCA STATUS:..... The components of this product are listed on the TSCA Inventory

SARA TITLE III SECTION 302/304 EXTREMELY HAZARDOUS SUBSTANCE:

No chemicals in this material are subject to the reporting requirements.

SARA TITLE III SECTION 311/312 HAZARD CATEGORIZATION:

Acute	Chronic	Fire	Pressure	Reactive

SARA TITLE III SECTION 313 SUPPLIER INFORMATION:

No chemicals in this material are subject to the reporting requirements.

CERCLA SECTION 102(a) HAZARDOUS SUBSTANCE:

No chemicals in this material are subject to the reporting requirements.

SECTION XVI - OTHER INFORMATION

HMIS Health: 1

HMIS Flammability: 1

HMIS Reactivity: 0