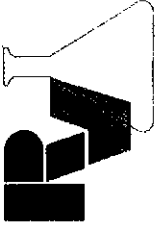


Rm A #  
3130CLV22

**Safety Data Sheet**  
Calibration Fluid MIL-PRF-7024F Type II

**SECTION I - IDENTIFICATION**

	Rock Valley Oil & Chemical 1911 Windsor Road Rockford, IL 61111 (815) 654-2400 (800)535-5053 Outside US: ..... (352) 323-3500
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**Product Number** CF7024  
**Product Name** Calibration Fluid MIL-PRF-7024F Type II  
**Chemical Family** Calibration Fluid  
**CAS Number** Mixture  
**Date Prepared** 11/11/2015  
**Revision Number** 11/11/2015  
**Recommended Use** Industrial Use Only

**SECTION II - HAZARDOUS IDENTIFICATION**

**GHS CLASSIFICATION:**

Classification

Flammable Liquids

Aspiration Hazard

Category 3

Category 2

**WARNING!**

GHS LABEL:



Hazard Statements

H226 Flammable liquid and vapor

H305 May be fatal if swallowed and enters airways

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**Precautionary Statements**

- P210      Keep away from heat/sparks/open flames/hot surface - No smoking.
- P233      Keep container tightly closed.
- P240      Ground/bond container and receiving equipment.
- P241      Use explosion-proof electrical/ventilating/light/equipment, etc.
- P242      Use only non-sparking tools.
- P243      Take precautionary measures against static discharge.
- P280      Wear protective gloves/protective clothing/eye protection/face protection.
- P301+310      IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
- P303+361+353      IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P331      Do NOT induce vomiting.
- P370+378      In case of fire: Usedry sand, dry chemical, or alcohol-resistant foam for extinction.
- P403+235      Store in a well ventilated place. Keep cool.
- P405      Store locked up.
- P501      Dispose of contents/container to an approved waste disposal plant.

**SECTION III - COMPOSITION/INFORMATION ON INGREDIENTS**

Component Name	CAS #	Component%	OSHA PEL	ACGIH TLV
Petroleum Hydrocarbon Distillate	64742-47-8	80 - 100	400 ppm	400 ppm

**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.

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### 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:**

Vapors may travel considerable distance to a source of ignition where they can ignite, flashback or explode. May create vapor/air explosion hazard indoors, outdoors or in sewers. If container is not properly cooled, it can explode in the heat of a fire.

### SECTION VI - ACCIDENTAL RELEASE MEASURES

**Personal Precautions:**

Keep all sources of ignition and hot metal surfaces away from spill or release. Evacuate all unprotected personnel from the area.

**Environmental Precautions:**

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

**Methods for Cleaning Up:**

Use foam on spills to minimize vapors. 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:**

- Vent container carefully before opening.
- "Empty" containers retain residue and/or vapor and may be dangerous. Do not cut, weld, braze solder, drill, grind or expose such containers to heat, flames, sparks, or other ignition sources.
- Keep containers tightly closed when not in use.
- Avoid prolonged breathing of mist or vapor. Wash thoroughly after handling.
- NFPA Class II storage.

### SECTION VIII - PRECAUTIONS TO CONTROL EXPOSURE / PERSONAL PROTECTION

**EXPOSURE LIMITS:**

Component Name	CAS #	OSHA PEL	ACGIH TLV
Petroleum Hydrocarbon Distillate	64742-47-8	400 ppm	400 ppm

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

**Monitoring:**

Follow accepted work and hygiene practices for handling combustible product.

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### 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.

### SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Colorless Liquid
Odor	Solvent Like Odor
pH@25°C	N/A
Melting/Freezing Point	-70°F
Flashpoint	105°F, TCC
Specific Gravity	0.77
Solubility	Negligible
Auto-Ignition Temperature	N/Av
Decomposition Temperature	N/Av
VOC Content	100% (6.4#/gal)
Odor Threshold	N/Av
Boiling Range	300-410°F
Evaporation Point	<1 (Butyl Acetate=1)
Flammable Limits - Upper	8.1%
Flammable Limits - Lower	1.4%
Vapor Pressure	3.0 @ 20°F
Vapor Density (Air=1)	Heavier than Air (Air=1)
Viscosity	1.17 cSt @ 25 C

### SECTION X - STABILITY AND REACTIVITY

**Stability:** Stable

**Conditions to Avoid:** Extreme heat and ignition sources.

**Hazardous Decomposition/Byproducts:** CO, CO<sub>2</sub>, and various hydrocarbons under combustion conditions.

**Hazardous Polymerization:** Will not occur.

**Polymerization Conditions to Avoid:** None

**Incompatibilities:** Strong oxidizers

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**SECTION XI - TOXICOLOGICAL INFORMATION**

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

**Inhalation:** May cause respiratory tract irritation. Inhalation of vapors may cause drowsiness and dizziness.

**Eye Contact:** May cause eye irritation including stinging, watering and redness which may result in corneal injury.

**Skin Contact:** Contact may cause mild skin irritation including redness, burning and drying/cracking of the skin.

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

**Toxicity:**

Component Name	LD50	LC50
Petroleum Hydrocarbon Distillate	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.

**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**

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**Proper Shipping Name:** Petroleum Distillates, N.O.S.

**Contains:** Petroleum Distillates

**Hazard Class and Label:** 3

**Identification Number:** UN1268

**Packaging Group:** III

**Other Shipping Info:**

**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
N/A	N/A	X	N/A	N/A

**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.

**CALIFORNIA PROPOSITION 65:**

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

**SECTION XVI - OTHER INFORMATION**

**HMIS Health:** ..... 1

**HMIS Flammability:** ..... 2

**HMIS Reactivity:** ..... 0

**Additional:**

For shipments by ground within the United States or Canada, the Limited Quantity or Consumer commodity exceptions may apply. Under the US 49 CFR, refer to Section 173.150 for additional exception requirements.