



# Material Safety Data Sheet

Issuing Date 24-Apr-2014

Revision Date 24-Apr-2014

Revision Number 0

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** S3, C6, G6, S6, SV3

**Recommended Use** Viscometer and/or density measurement equipment calibration and performance verification reference standard

### Supplier Address

Cannon Instrument Company  
2139 High Tech Rd.  
State College, PA 16803-1733  
TEL: (814) 353-8000; (800) 676-6232

**Emergency Telephone Number** (800) 255-3924 Domestic CHEM-TEL Inc.  
+1 (813) 248-0585 Overseas CHEM-TEL Inc. (Please Call Collect)

## 2. HAZARDS IDENTIFICATION

### WARNING!

### Emergency Overview

Aspiration hazard if swallowed - can enter lungs and cause damage

**Appearance** Pale yellow      **Physical State** Liquid.      **Odor** Hydrocarbon-like

### Potential Health Effects

#### Acute Toxicity

##### Eyes

Contact with eyes may cause irritation.

##### Skin

No known hazard in contact with skin. Prolonged or repeated contact may cause skin dryness or cracking. Prolonged or repeated skin contact with liquid may cause defatting resulting in drying, redness and possible blistering.

##### Inhalation

Mist or vapors may irritate mucous membranes. May be harmful if inhaled.

##### Ingestion

Potential for aspiration if swallowed. Aspiration may cause pulmonary edema and pneumonitis. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

#### Chronic Effects

Prolonged skin contact with liquid may defat skin and produce dermatitis. May cause central nervous system depression with nausea, headache, dizziness, vomiting, and incoordination.

**Aggravated Medical Conditions** None known.

**Environmental Hazard** See Section 12 for additional Ecological Information.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Petroleum distillates, hydrotreated light naphthenic	64742-53-6	100

#### 4. FIRST AID MEASURES

<b>Eye Contact</b>	Rinse thoroughly with plenty of water, also under the eyelids. Obtain medical attention if irritation persists.
<b>Skin Contact</b>	Wash off with warm water and soap. Remove and wash contaminated clothing before re-use. Get medical attention if symptoms occur.
<b>Inhalation</b>	IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Get medical attention
<b>Ingestion</b>	Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. Drink plenty of water. Get medical attention.
<b>Notes to Physician</b>	Treat symptomatically.

#### 5. FIRE-FIGHTING MEASURES

<b>Flammable Properties</b>	Not flammable.			
<b>Flash Point</b>	> 96 °C			
<b>Flashpoint Method</b>	Open cup			
<b>Suitable Extinguishing Media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.			
<b>Explosion Data</b>				
<b>Sensitivity to Mechanical Impact</b>	None.			
<b>Sensitivity to Static Discharge</b>	None			
<b>Protective Equipment and Precautions for Firefighters</b>	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.			
<b>NFPA</b>	Health Hazard 1	Flammability 1	Instability 0	<b>Physical and Chemical Hazards -</b>
<b>HMIS</b>	Health Hazard 1	Flammability 1	Physical Hazard 0	<b>Personal Protection X</b>

#### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Avoid contact with skin, eyes and clothing. Use personal protective equipment.
<b>Environmental Precautions</b>	Prevent further leakage or spillage if safe to do so.
<b>Methods for Containment</b>	Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).
<b>Methods for Cleaning Up</b>	Clean contaminated surface thoroughly.

#### 7. HANDLING AND STORAGE

<b>Handling</b>	Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes and clothing. Wear personal protective equipment.
<b>Storage</b>	Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from open flames, hot surfaces and sources of ignition.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure Guidelines

#### Engineering Measures

Showers  
Eyewash stations  
Ventilation systems

#### Personal Protective Equipment

##### Eye/Face Protection

Safety glasses with side-shields.

##### Skin and Body Protection

Wear protective gloves/clothing.

##### Respiratory Protection

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

#### Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Pale yellow.	<b>Odor</b>	Hydrocarbon-like.
<b>Odor Threshold</b>	No information available.	<b>Physical State</b>	Liquid
<b>pH</b>	No information available.	<b>Flashpoint Method</b>	Open cup
<b>Flash Point</b>	> 96 °C	<b>Decomposition Temperature</b>	No information available.
<b>Autoignition Temperature</b>	No information available.	<b>Melting Point/Range</b>	No information available.
<b>Boiling Point/Boiling Range</b>	>193 °C	<b>Flammability Limits in Air</b>	No information available.
<b>Specific Gravity</b>	0.87-0.88	<b>Specific Gravity</b>	@ 15 °C
<b>Water Solubility</b>	Insoluble in water.	<b>Solubility</b>	Soluble in solvents.
<b>Evaporation Rate</b>	No information available.	<b>Vapor Pressure</b>	No data available.
<b>Vapor Density</b>	No data available.	<b>Viscosity</b>	3-6 cSt @ 40°C

## 10. STABILITY AND REACTIVITY

**Stability** Stable under recommended storage conditions.

**Incompatible Products** Strong oxidizing agents.

**Conditions to Avoid** Keep away from open flames, hot surfaces and sources of ignition.

**Hazardous Decomposition Products** None known based on information supplied.

**Hazardous Polymerization** Hazardous polymerization does not occur.

## 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

#### Product Information

<b>Inhalation</b>	Inhalation of mist may cause irritation to the respiratory system.
<b>Eye Contact</b>	Contact with eyes may cause irritation.
<b>Skin Contact</b>	No known hazard in contact with skin. Prolonged skin contact may defat the skin and produce dermatitis. Prolonged or repeated contact may dry skin and cause irritation.
<b>Ingestion</b>	Potential for aspiration if swallowed. Aspiration may cause pulmonary edema and pneumonitis. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. May be fatal if swallowed and enters airways.

### Chronic Toxicity

<b>Chronic Toxicity</b>	Prolonged skin contact with liquid may defat skin and produce dermatitis. May cause central nervous system depression with nausea, headache, dizziness, vomiting, and incoordination.
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Chemical Name	ACGIH	IARC	NTP	OSHA
Petroleum distillates, hydrotreated light naphthenic	A2	Group 1		X

<b>Target Organ Effects</b>	Skin. Central nervous system (CNS). Eyes. Respiratory system.
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## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

The environmental impact of this product has not been fully investigated.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Petroleum distillates, hydrotreated light naphthenic		LC50 96 h: > 5000 mg/L (Oncorhynchus mykiss)		EC50 48 h: > 1000 mg/L (Daphnia magna)

## 13. DISPOSAL CONSIDERATIONS

<b>Waste Disposal Methods</b>	Dispose of in accordance with federal, state, and local regulations
<b>Contaminated Packaging</b>	Do not re-use empty containers.

## 14. TRANSPORT INFORMATION

**Note:** The information provided below may not apply to all shipping situations. Consult appropriate Dangerous Goods Regulations for additional requirements and mode-specific, material-specific, or quantity-specific shipping requirements.

<b><u>DOT</u></b>	Not regulated
<b><u>TDG</u></b>	Not regulated
<b><u>MEX</u></b>	Not regulated

IATA Not regulated

IMDG/IMO Not regulated

## 15. REGULATORY INFORMATION

### International Inventories

<b>TSCA</b>	Complies
<b>DSL</b>	Complies
<b>EINECS</b>	Complies
<b>ELINCS</b>	Complies
<b>ENCS</b>	Complies
<b>IECSC</b>	Complies
<b>KECL</b>	Complies
<b>PICCS</b>	Complies
<b>AICS</b>	Complies

### Legend

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

### U.S. Federal Regulations

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

### SARA 311/312 Hazard Categories

<b>Acute Health Hazard</b>	Yes
<b>Chronic Health Hazard</b>	Yes
<b>Fire Hazard</b>	No
<b>Sudden Release of Pressure Hazard</b>	No
<b>Reactive Hazard</b>	No

### Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

### CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

### U.S. State Regulations

#### California Proposition 65

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Illinois	Rhode Island
Petroleum distillates, hydrotreated light naphthenic		X			

**International Regulations****Canada**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

**WHMIS Hazard Class**

Non-controlled

<b>16. OTHER INFORMATION</b>
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<b>Prepared By</b>	Product Stewardship 23 British American Blvd. Latham, NY 12110 1-800-572-6501
<b>Issuing Date</b>	24-Apr-2014
<b>Revision Date</b>	24-Apr-2014
<b>Revision Note</b>	Initial Release

**General Disclaimer**

The information provided on this MSDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

**End of Safety Data Sheet**