

Julio KCTE  
REC'D SEP 08 2003

Quincy Compressor  
PO Box C2  
3501 Wismann Lane  
Quincy, IL 62305-3116

# MATERIAL SAFETY DATA SHEET

MSDS NUMBER: 112543

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24 HOUR EMERGENCY ASSISTANCE: CHEMTREC: 800-424-9300			GENERAL MSDS ASSISTANCE: QUINCY COMPRESSOR (217) 222-7700		<b>BE SAFE</b> READ OUR PRODUCT SAFETY INFORMATION ...AND PASS IT ON (PRODUCT LIABILITY LAW REQUIRES IT)
ACUTE HEALTH*	FIRE	REACTIVITY	HAZARD RATING KEY:	0 - LEAST 1 - SLIGHT 2 - MODERATE 3 - HIGH 4 - EXTREME	
1	1	0			

\* For acute and chronic health effects refer to the discussion in Section III.

## SECTION I - PRODUCT NAME AND INFORMATION

PRODUCT (TRADE NAME AND SYNONYMS): **Quin-Cip® Reciprocating Air Compressor Oil - ISO 100**

CHEMICAL NAME: Mixture (See Section II-A)

CHEMICAL FAMILY: Petroleum Hydrocarbon; Lubricating Oil

## SECTION IIA - PRODUCT/INGREDIENT

NO.	COMPOSITION	CAS NUMBER	PERCENT
P	Quin-Cip® ISO 100 Oil	Mixture	100
1	Sol. Ref., Hydrotreated Heavy Paraffinic Dist.	64742-54-7	99
2	Minor Additives	Mixture	<1

## SECTION IIB - ACUTE TOXICITY DATA

NO.	ACUTE ORAL LD50	ACUTE DERMAL LD50	ACUTE INHALATION LD50
P	>5.0 G/KG, Rat*	>2.0 G/KG, Rabbit*	Not Available

\*Based on essentially similar product testing.

## SECTION III - HEALTH INFORMATION

The health effects noted below are consistent with requirements under the OSHA Hazard Communication Standard (29 CFR 1910.1200).

### EYE CONTACT

Based on essentially similar product testing, product is presumed to be non-irritating to the eyes.

### SKIN CONTACT

Based on essentially similar product testing, product is presumed to be non-irritating to the eyes. Prolonged and repeated contact may result in skin disorders such as dermatitis, oil acne or folliculitis. Accidental release under high-pressure applications may result in injection of oil into the skin causing local necrosis.

### INHALATION

The inhalation of vapors (generated at high temperatures only) or oil mist may cause a mild irritation of the upper respiratory tract.

### INGESTION

Based on essentially similar product testing, product is considered no more than slightly toxic if ingested.

### SIGNS AND SYMPTOMS:

Irritation as noted above. Necrosis may be evidenced by delayed onset of pain and tissue damage a few hours following high-pressure injection.

**AGGRAVATED MEDICAL CONDITIONS:**

Preexisting skin and respiratory disorders may be aggravated by exposure to this product.

**SECTION IV - OCCUPATIONAL EXPOSURE LIMITS**

<u>NO.</u> P	<u>PEL/TWA</u> 5 MG/M3*	OSHA	<u>TLV/TWA</u> 5 MG/M3*	ACGIH	<u>TLV/STEL</u> 10 MG/M3*
		<u>PEL/CEILING</u> None			

**SECTION V - EMERGENCY AND FIRST AID PROCEDURES****EYE CONTACT**

Flush eyes with water. If irritation occurs, get medical attention.

**SKIN CONTACT**

Remove contaminated clothing and wipe excess oil off. Wash with soap and water or a waterless hand cleaner followed by soap and water. If irritation occurs, get medical attention. If material is injected under the skin, get medical attention promptly to prevent serious damage; do not wait for symptoms to develop.

**INHALATION**

Remove victim to fresh air and provide oxygen if breathing is difficult. Get medical attention.

**INGESTION**

Do not induce vomiting. In general, no treatment is necessary unless large quantities of product are ingested. However, get medical advice.

**NOTE TO PHYSICIAN:**

In general, emesis induction is unnecessary in high viscosity, low volatility products, i.e., most oils and greases.

**SECTION VI - SUPPLEMENTAL HEALTH INFORMATION**

None identified.

**SECTION VII - PHYSICAL DATA**

Boiling Point: Not Available (Deg F)	Specific Gravity: 0.8816 (H <sub>2</sub> O = 1)	Vapor Pressure: Not Available (MM HG)
Melting Point: 0 (Pour Point) (Deg F)	Solubility: Negligible (In Water)	Vapor Density: Not Available (Air = 1)
Evaporation Rate: Not Available (NButyl Acetate = 1)	Viscosity: 95-105 (CS @ 104°F)	Appearance and Odor: Pale Yellow Oil. Slight Hydrocarbon Odor

**SECTION VIII - WASTE DISPOSAL METHODS****FLASH POINT AND METHOD:**

425°F (PMCC)

**FLAMMABLE LIMITS / % VOLUME IN AIR**

Lower: N/AV Upper: N/AV

**EXTINGUISHING MEDIA**

Use water fog, foam, dry chemical or CO<sub>2</sub> foam. Do not use a direct stream of water. Product will float and can be reignited on surface of water.

**SPECIAL FIRE FIGHTING PROCEDURES AND PRECAUTIONS**

Materials will not burn unless preheated. Do not enter confined fire space without full bunker gear (helmet with face shield, bunker coats, gloves and rubber boots), including a positive pressure NIOSH approved self-contained breathing apparatus. Cool fire exposed containers with water.

## SECTION IX - REACTIVITY

Stability: Stable

Hazardous Polymerization: Will not occur

### CONDITIONS AND MATERIALS TO AVOID

Avoid heat, open flames, and oxidizing materials.

### HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition products are highly dependent on the combustion conditions. A complex mixture of airborne solid, liquid, particulates and gases will evolve when this material undergoes pyrolysis or combustion. Carbon monoxide and other unidentified organic compounds may be formed upon combustion.

## SECTION X - EMPLOYEE PROTECTION

### RESPIRATORY PROTECTION

If exposure may or does exceed occupational exposure limits (SEC. IV) use a NIOSH-approved respirator to prevent overexposure. In accord with 29 CFR 1910. 134 use either an atmosphere-supplying respirator or an air-purifying respirator for organic vapors and particulates.

### PROTECTIVE CLOTHING

Wear chemical-resistant gloves and other protective clothing as required to minimize prolonged skin contact. No special eye protection is routinely necessary. Test data from published literature and/or glove and clothing manufacture indicate the best protection is provided by nitrile gloves.

## SECTION XI - ENVIRONMENTAL PROTECTION

### SPILL OR LEAK PROCEDURES

May burn although not readily ignitable. Use cautious judgement when cleaning up large spills. \*\*\*LARGE SPILLS\*\*\*  
Launder contaminated clothing before reuse. Properly dispose of contaminated leather articles, including shoes, that cannot be decontaminated. Store in a cool, dry place with adequate ventilation. Keep away from open flames and high temperatures.

## SECTION XII - SPECIAL PRECAUTIONS

Minimize prolonged skin contact. Wash with soap and water before eating, drinking, smoking or using toilet facilities. Launder contaminated clothing before reuse. Properly dispose of contaminated leather articles, including shoes that cannot be decontaminated. Store in a cool, dry place with adequate ventilation. Keep away from open flames and high temperatures.

## SECTION XIII - TRANSPORTATION REQUIREMENTS

### DEPART OF TRANSPORTATION CLASSIFICATION:

Not hazardous by D.O.T. regulations

## SECTION XIV - OTHER REGULATORY CONTROLS

The components of this product are listed on the EPA/TSCA inventory of chemical substances.

In accordance with SARA Title III, Section 313, the EDS should always be copied and sent with the MSDS.

## SECTION XV - STATE REGULATORY INFORMATION

Based on information available to Quincy Compressor, this product does not contain any chemical substance regulated by a specific state list.

**SECTION XI - SPECIAL NOTES**

Revised

THE INFORMATION CONTAINED HEREIN IS BASED ON THE DATA AVAILABLE TO US AND IS BELIEVED TO BE CORRECT. HOWEVER, QUINCY COMPRESSOR MAKES NO WARRANTY, EXPRESSED OR IMPLIED, REGARDING THE ACCURACY OF THESE DATA OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF. QUINCY COMPRESSOR ASSUMES NO RESPONSIBILITY FOR INJURY FROM THE USE OF THE PRODUCT DESCRIBED HEREIN.

Date Prepared: March 2001

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