Material Safety Data Sheet
YORK C OIL

Prepared according to 29CFR 1910.1200.

1	Chemical Product and Company Identification

Johnson Controls Inc
9104 Yellow Brick Road
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Phone: (410) 574-0400

Product Trade Name	YORK C OIL
CAS Number	Confidential.
Synonyms	None.
Generic Chemical Name	Mineral oil
Product Type	Multipurpose.
Preparation/Revision Date	16 March 2010

2	Hazards Identification

Appearance Pale straw liquid.
Odor Mild
Principal Hazards

- This material has no known health hazards.

See Section 11 for complete health hazard information.

3	Composition/Information on Ingredients

Hazardous Ingredients This material has no known hazards under applicable laws.

4	First Aid Measures

Eyes	Flush with water at least 30 minutes. Get medical attention if eye irritation develops or persists.
Skin	Wash with soap and water. Get medical attention if irritation develops. Launder contaminated clothing before reuse.
Inhalation	Remove exposed person to fresh air if adverse effects are observed.
Oral	DO NOT INDUCE VOMITING. Get immediate medical attention.
Additional Information	High pressure injection of oil through the skin is a medical emergency. There may be no sign of injury and no initial pain. Prompt debridement of the wound by a physician is necessary to minimize necrosis and tissue loss.

5	Fire Fighting Measures

Flash Point	> 166 °C, 330.8 °F COC (Minimum)
Extinguishing Media	CO2, dry chemical, or foam. Water can be used to cool and protect exposed material.
Firefighting Procedures	Recommend wearing self-contained breathing apparatus. Water may cause splattering.
Unusual Fire & Explosion Hazards	Not determined.

6	Accidental Release Measures

Spill Procedures Personal Protective Equipment must be worn, see Personal Protection Section for PPE recommendations. Ventilate area if spilled in confined space or other poorly ventilated areas. Prevent entry into sewers and waterways. Pick up free liquid for

recycle and/or disposal. Residual liquid can be absorbed on inert material.

7 Handling and Storage

Pumping Temperature	Not determined.
Maximum Handling Temperature	Not determined.
Handling Procedures	Keep material away from heat, sparks, pilot lights, static electricity and open flame. Keep containers closed when not in use. Wash thoroughly after handling. Empty containers retain material residue. Do not cut, weld, braze, solder, drill, grind or expose containers to heat, flame, spark or other sources of ignition.
Maximum Storage Temperature	Not determined.
Storage Procedures	No special storage precautions required.
Loading Temperature	Not determined.

8 Exposure Controls/Personal Protection

Exposure Limits	None established
Other Exposure Limits	Contains mineral oil. Under conditions which may generate mists, observe the OSHA PEL of 5 mg per cubic meter, ACGIH STEL of 10 mg per cubic meter.
Engineering Controls	Use with adequate ventilation.
Gloves Procedures	Nitrile.
Eye Protection	Safety Glasses.
Respiratory Protection	Use NIOSH/MSHA approved respirator with a combination organic vapor and high efficiency filter cartridge if recommended exposure limit is exceeded. Use self-contained breathing apparatus for entry into confined space, for other poorly ventilated areas and for large spill clean-up sites.
Clothing Recommendation	Long sleeve shirt is recommended. Launder contaminated clothing before reuse.

9 Physical and Chemical Properties

Flash Point	> 166 °C, 330.8 °F COC (Minimum)
Upper Flammable Limit	Not determined.
Lower Flammable Limit	Not determined.
Autoignition Point	> 343 °C, > 649.4 °F
Explosion Data	Material does not have explosive properties.
Vapor Pressure	< 0.0001 mm Hg (20 °C)
pH	Not determined.
Specific Gravity	0.91 (15.6 °C)
Bulk Density	Not determined.
Water Solubility	Insoluble.
Percent Solid	Not determined.
Percent Volatile	Not determined.
Volatile Organic Compound	Not determined.
Vapor Density	> 5 Air=1 >
Evaporation Rate	Not determined.
Odor	Mild
Appearance	Pale straw liquid.
Viscosity	Not determined.
Odor Threshold	Not determined.
Boiling Point	> 260 °C, > 500 °F(Typical)
Pour Point Temperature	Not determined.
Melting / Freezing Point	Not determined.

The above data are typical values and do not constitute a specification. Vapor pressure data are calculated unless otherwise noted.

10 Stability and Reactivity

Stability	Material is normally stable at moderately elevated temperatures and pressures.
Decomposition Temperature	Not determined.
Incompatibility	Oxidizing agents.
Polymerization	Will not occur.
Thermal Decomposition	Smoke, carbon monoxide, carbon dioxide, aldehydes and other products of incomplete combustion.
Conditions to Avoid	Not determined.

11 Toxicological Information

-- ACUTE EXPOSURE --

Eye Irritation	Not expected to cause eye irritation. Based on data from components or similar materials.
Skin Irritation	Not expected to be a primary skin irritant. Based on data from components or similar materials. Prolonged or repeated skin contact as from clothing wet with material may cause dermatitis. Symptoms may include redness, edema, drying, and cracking of the skin.
Respiratory Irritation	If material is misted or if vapors are generated from heating, exposure may cause irritation of mucous membranes and the upper respiratory tract. Based on data from components or similar materials.
Dermal Toxicity	The LD50 in rabbits is > 2000 mg/Kg. Based on data from similar materials.
Inhalation Toxicity	Not expected to be an inhalation hazard at ambient temperatures.
Oral Toxicity	The LD50 in rats is > 5000 mg/Kg. Based on data from similar materials. Material can be aspirated into the lungs during the act of swallowing or vomiting. This could result in severe injury to the lungs and death.
Dermal Sensitization	Not expected to cause skin sensitization. Based on data from components or similar materials.
Inhalation Sensitization	No data available to indicate product or components may be respiratory sensitizers.

-- CHRONIC EXPOSURE --

Chronic Toxicity	No data available to indicate product or components present at greater than 1% are chronic health hazards.
Carcinogenicity	This mineral oil is considered to be severely refined and not considered to be carcinogenic under IARC. This oil has been demonstrated to contain less than 3% extractables by the IP-346 test.
Mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Reproductive Toxicity	No data available to indicate either product or components present at greater than 0.1% that may cause reproductive toxicity.
Teratogenicity	No data available to indicate product or any components contained at greater than 0.1% may cause birth defects.

-- ADDITIONAL INFORMATION --

Other	No other health hazards known.

12 Ecological Information

-- ENVIRONMENTAL TOXICITY --

Freshwater Fish Toxicity	The acute LC50 is > 1000 mg/L based on similar materials.
Freshwater Invertebrates Toxicity	The acute EC50 is > 1000 mg/L based on similar materials. Chronic effects expected at 100 - 1000 mg/L based on similar materials.
Algal Inhibition	The acute EC50 is > 1000 mg/L based on similar materials.
Saltwater Fish Toxicity	Not determined.
Saltwater Invertebrates Toxicity	Not determined.
Bacteria Toxicity	The acute EC50 is > 1000 ppm based on similar materials.
Miscellaneous Toxicity	Not determined.

-- ENVIRONMENTAL FATE --

Biodegradation	This product will biodegrade moderately based on OECD 301-type test data for similar products. This product will biodegrade moderately based on OECD 302-type test data for similar products.
Bioaccumulation	There is no data available to evaluate this material for bioconcentration.
Soil Mobility	Not determined.

13 Disposal Considerations

Waste Disposal	This material, if discarded, is not a hazardous waste under RCRA Regulation 40 CFR 261. Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations.

14 Transport Information

ICAO/IATA I	Not regulated.
ICAO/IATA II	Not regulated.
IMDG	Not regulated.
IMDG EMS Fire	Not applicable.
IMDG EMS Spill	Not applicable.
IMDG MFAG	Not applicable.
MARPOL Annex II	Not determined.
USCG Compatibility	Not determined.
U.S. DOT Bulk	Not regulated.
DOT NAERG	Not applicable.
U.S. DOT (Intermediate)	Not regulated.
U.S. DOT Intermediate NAERG	Not applicable.

U.S. DOT Non-Bulk	Not regulated.
U.S. DOT Non-Bulk NAERG	Not applicable.
Canada	Not regulated.
Mexico	Not regulated.
Bulk Quantity	85000 KG, 187391 lbs.
Intermediate Quantity	11000 KG, 24251 lbs.
Non-Bulk Quantity	400 KG, 882 lbs.

Review classification requirements before shipping materials at elevated temperatures.

15 Regulatory Information

-- Global Chemical Inventories --

USA	All components of this material are on the US TSCA Inventory or are exempt.
Other TSCA Reg.	None known.
EU	All components are in compliance with the EC Seventh amendment Directive 92 /32/EEC.
Japan	All components are in compliance with the Chemical Substances Control Law of Japan.
Australia	All components are in compliance with chemical notification requirements in Australia.
New Zealand	All components are in compliance with chemical notification requirements in New Zealand.
Canada	All components are in compliance with the Canadian Environmental Protection Act and are present on the Domestic Substances List.
Switzerland	All components are in compliance with the Environmentally Hazardous Substances Ordinance in Switzerland.
Korea	All components are in compliance in Korea.
Philippines	All components are in compliance with the Philippines Toxic Substances and Hazardous and Nuclear Wastes Control Act of 1990 (R.A. 6969).
China	This product may require notification in China.

-- Other U.S. Federal Regulations --

SARA Ext. Haz. Subst.	This product does not contain greater than 1.0% of any chemical substance on the SARA Extremely Hazardous Substances list.
SARA Section 313	This product does not contain greater than 1.0% (greater than 0.1% for carcinogenic substance) of any chemical substances listed under SARA Section 313.

SARA 311 Classifications

Acute Hazard	No
Chronic Hazard	No
Fire Hazard	No
Reactivity Hazard	No

CERCLA Hazardous Substances None known.

-- State Regulations --

Cal. Prop. 65 This product does not intentionally contain any chemicals known by the State of California to cause cancer and/or birth defects. Moreover, we do not routinely analyze its products for impurities which may be such chemicals.

-- Product Registrations --

U.S. Fuel Registration	Not applicable.
Finnish Registration Number	Not Registered
Swedish Registration Number	Not Registered
Norwegian Registration Number	Not Registered
Danish Registration Number	Not Registered
Swiss Registration Number	Not Registered
Italian Registration Number	Not Registered

-- Other / International --

Miscellaneous Regulatory Information Not determined.

16 Other Information

US NFPA Codes

Health	Fire	Reactivity	Special
0	1	0	N/E

(N/E) - None established

HMIS Codes

Health	Fire	Reactivity
0	1	0

Precautionary Labels

- This material has no known health hazards.

Revision Indicators

Section: 2 Target organs.	Changed: 11 January 2010
Section: 4 Additional first aid measures.	Changed: 16 March 2010
Section: 5 Flash Ignition Temperature	Changed: 11 January 2010
Section: 5 Flash point.	Changed: 16 March 2010
Section: 5 Flash point.	Changed: 16 March 2010
Section: 5 Flash point.	Changed: 16 March 2010
Section: 7 Handling procedures.	Changed: 16 March 2010
Section: 7 Loading temperature.	Changed: 16 March 2010
Section: 8 Respiratory protection.	Changed: 11 January 2010
Section: 9 Autoignition temperature.	Changed: 16 March 2010
Section: 9 Boiling point.	Changed: 16 March 2010
Section: 9 Bulk density.	Changed: 16 March 2010
Section: 9 Flash Ignition Temperature	Changed: 11 January 2010
Section: 9 Flash point.	Changed: 16 March 2010
Section: 9 Flash point.	Changed: 16 March 2010
Section: 9 Flash point.	Changed: 16 March 2010
Section: 9 Odor threshold.	Changed: 11 January 2010
Section: 9 Percent volatile.	Changed: 11 January 2010
Section: 9 Pour point temperature.	Changed: 16 March 2010
Section: 9 Specific gravity.	Changed: 16 March 2010
Section: 9 Viscosity.	Changed: 16 March 2010
Section: 11 Dermal sensitization.	Changed: 11 January 2010
Section: 11 Dermal toxicity.	Changed: 11 January 2010
Section: 11 Eye irritation.	Changed: 11 January 2010
Section: 11 Inhalation sensitization.	Changed: 11 January 2010
Section: 11 Inhalation toxicity.	Changed: 11 January 2010
Section: 11 Oral toxicity.	Changed: 16 March 2010
Section: 11 Respiratory irritation.	Changed: 11 January 2010
Section: 11 Skin irritation.	Changed: 11 January 2010
Section: 12 Algae toxicity.	Changed: 11 January 2010
Section: 12 Bacteria toxicity.	Changed: 11 January 2010
Section: 12 Freshwater fish toxicity.	Changed: 11 January 2010
Section: 12 Freshwater invertebrate toxicity.	Changed: 11 January 2010
Section: 13 Waste disposal.	Changed: 11 January 2010
Section: 14 U.S. DOT Intermediate shipping description.	Changed: 11 January 2010
Section: 15 MISC. Regulatory info.	Changed: 11 January 2010
Section: 15 New Zealand	Changed: 11 January 2010
Section: 16 Miscellaneous information.	Changed: 11 January 2010