

# TOPRING

## MATERIAL SAFETY DATA SHEET

### PREPARATION INFORMATION

PREPARED ON : December 2010  
MSDS NUMBER : 453909

### MATERIAL IDENTIFICATION :

**SYNTHETIC AIR TOOL LUBRICANT**

**THIS PRODUCT IS NOT REGULATED BY WHMIS**

### **EMERGENCY CANADIAN CENTER :**

**CANUTEC**

### **PHONE NUMBER :**

**(613) 996-6666**

### COMPOSITION, DANGEROUS GOODS :

None

### TRANSPORT CLASSIFICATION :

None

### PHYSICAL DATA :

APPEARANCE & ODOR : Liquid, amber

VAPOR PRESSURE (Kpa, 20°C)

<1

EVAPORATION RATE (butyl acetate =1):

<1

MOLECULAR FORMULA

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MOLECULAR WEIGHT

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MELTING POINT °C

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CONCENTRATION AT SATURATION

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SOLUBILITY IN WATER AT SATURATION

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PARTICULE SIZE

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pH :

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DENSITY :

907 kg/m<sup>3</sup> (0.907 g/cm<sup>3</sup>) at 20°C

VAPOR DENSITY (air # 1) :

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BOILING POINT :

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SOLUBILITY IN WATER :

Insoluble in water

FREEZING POINT :

-27°C

### FIRE & EXPLOSION DATA :

FLAMMABILITY CONDITIONS :

May be combustible at high temperature

EXTINGUISHING MEDIA

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FLASH POINT (open vase):

222°C (Open cup) Cleveland

UPPER FLAMMABLE LIMIT % VOLUME	-----
LOWER FLAMMABLE LIMIT % VOLUME	-----
AUTO IGNITION TEMPERATURE :	-----
DANGEROUS COMBUSTION PRODUCTS :	These products are carbon oxides
EXPLOSION CONDITIONS	This material is not explosive as defined by established regulatory criteria
SPECIAL PRECAUTIONS	-----
SHOCK EXPLOSIVITY	No
ELECTRO-STATICS	No

### **REACTIVITY :**

INSTABILITY CONDITIONS :	Stable
CONDITIONS TO AVOID :	Not available
MATERIALS TO AVOID :	Oxidizing agents
HAZARDOUS DECOMPOSITION PRODUCTS :	Under normal conditions of storage and use, hazardous decomposition products should not be produced
POLYMERIZATION	Will not occur

### **TOXICOLOGICAL PROPERTIES :**

SKIN CONTACT :	May cause skin irritation
SKIN ABSORPTION :	
EYE CONTACT :	May cause eye irritation
INHALATION :	May cause respiratory tract irritation
INGESTION :	May cause gastrointestinal irritation and diarrhea
EFFECTS OF ACUTE EXPOSURE TO PRODUCT	None identified
IRRITANCY AND CORROSIVENESS	-----
SENSITIZATION TO PRODUCT	-----
CHRONIC EXPOSURE EFFECTS :	-----
EXPOSURE LIMIT (ppm) :	This product does not have any assigned occupational exposure limits
CARCINOGENICITY :	No
TOXIC EFFECTS ON REPRODUCTION :	No information available
TERATOGENICITY :	No information available
MUTAGENICITY :	No information available
SYNERGISTIC TOXICOLOGIC PRODUCTS :	Unknown

### **PREVENTIVE MEASURES :**

PERSONAL MATERIAL TO USE :	Rubber gloves and safety glasses
SPECIAL TECHNIQUES TO USE :	Provide exhaust ventilation or other engineering controls to keep the relevant airborne concentrations below their respective occupational exposure limits
ELIMINATION OF RESIDUALS :	Where possible, arrange for product to be recycled. Dispose of via an authorised licensed waste disposal contractor in accordance with local regulations

METHODS AND EQUIPMENT FOR HANDLING :

Avoid contact with skin and clothing. Avoid contact with eyes. Use only with adequate ventilation. Avoid breathing vapour or mist. Wash thoroughly after handling.

STORAGE AND HANDLING :

Keep container tightly closed. Keep container in a cool, well ventilated area

STEPS TO BE TAKEN IF MATERIAL IS RELEASED

Call local authorities. Contact emergency personnel.

OR SPILLED :

SPECIAL SHIPPING INFORMATION

Not regulated by the Law on dangerous goods transportation

**EMERGENCY AND FIRST AID PROCEDURES :**

EYES :

Copious water flush

SKIN :

Water wash

INHALATION :

Take indisposed person outside

INGESTION :

**DO NOT INDUCE VOMITING**, call a physician

EMERGENCY :

**call QUEBEC ANTI-POISON center**

**telephone number : 1-800-463-5060**

The information contained in this document is given as a guide for the product handling and was written in good faith by competent technical personnel. These informations should not be considered as complete because other aspects of handling and uses could be observed. In no case can TOPRING be held responsible for damages, loss and injuries resulting from the use of this product and no warranty whatsoever; tacit or express is awarded by TOPRING. This material safety data sheet is in effect for three (3) years.