

## 【Material Safety Data Sheet】

### SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

Product Name	Thread oil from kit 150.1970
Product Code	150.1993
Product Usage	Suitable for lubricating rolling and sliding bearings of mechanical equipment which works on the temperatures -20°C to 120°C.
Company Identification	KS Tools Werkzeug-Maschinen GmbH
Address	Seligenstädter Grund 10 -12
Post Code	D-63150 Heusenstamm
Emergency Response	Phone +49 (6104) 49 74 555 Fax +49 (6104) 49 74 53 E-mail kstools@kstools.de
Website	<a href="http://www.kstools.de">http://www.kstools.de</a>

### SECTION 2 COMPOSITION/ INFORMATION ON INGREDIENTS

This material is a mixture.

COMPONENTS	CAS NUMBER	AMOUNT
Thickener	Mixture	7-15 % weight
Additive	Mixture	<12 % weight
Base oil	Mixture	80-95% weight

### SECTION 3 HAZARDS IDENTIFICATION

Potential health effects	The International Agency for Research on Cancer (IARC) has determined there is sufficient evidence for the carcinogenicity in experimental animals of used the oil. Under normal conditions of intended use, this product does not pose a risk to health. Excessive exposure may result in eyes, skin or respiratory irritation.
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### SECTION 4 FIRST AID MEASURES

Eye	Flush with water for 15 minutes. If irritation occurs, get medical attention.
Skin	Flush skin with water, and then wash with soap and water. Get medical attention.
Inhalation	Remove victim to fresh air and provide oxygen. Get medical attention.
Ingestion	Do not induce vomiting. Get medical attention.
Note to Physician	Cure according to symptom.

### SECTION 5 FIRE FIGHTING MEASURES

Extinguishing media	Carbon dioxide, foam, dry chemical and water fog.
Extinguishing Method	Spray
Combustion products	Fumes, smoke, carbon monoxide, sulfur oxides, aldehydes and other decomposition products, in the case of incomplete combustion.
Forbidden media	Water

## SECTION 6 ACCIDENTAL RELEASE MEASURES

Protective Measures	Wear appropriate personal protective equipment when cleaning up spills. FOR LARGE SPILLS: Remove with vacuum truck or pump to storage/salvage vessels.
Spill Management	FOR SMALL SPILLS: Soak up residue with an absorbent such as clay, sand or other suitable material. Place in non-leaking container and seal tightly for proper disposal.

## SECTION 7 HANDLING AND STORAGE

Storage	Do not store in open or unlabeled containers. Store in a cool, dry place with adequate ventilation. Keep away from open flames and high temperatures.
Empty container warning	Empty containers retain residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME.

## SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure controls	Provide adequate ventilation to control airborne concentrations below the exposure guidelines/limits.
Respiratory Protection	If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker health, an approved respirator must be worn.
Eye Protection	Chemical Goggles, or Safety glasses with side shields.
Hand Protection	Use protective gloves which is chemically resistant to this material.
Personal protection	Use protective clothing and shoes which are chemically resistant to this material.
Note to sanitation	Wash hands with water and use cosmetic to protect.

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Smooth brown uniform ointment
<b>Odor</b>	No peculiar smell
<b>Grades</b>	NO.2
<b>Worked Penetration, 0.1mm</b>	265~295
<b>Dropping Point, °C</b>	>175

## SECTION 10 STABILITY AND REACTIVITY

Stability	Stable (at room temperature)
Conditions and materials to avoid	Extreme heat and high energy sources of ignition and strong oxidizers.

Hazardous decomposition product      Product does not decompose at ambient temperatures.  
Hazardous polymerization      Will not occur.

## SECTION 11 TOXICOLOGICAL INFORMATION

Acute Toxicity      ORAL TOXICITY (RATS): Practically low toxic (LD50: greater than 5000mg/kgBW). —  
Based on testing of similar products and/or the components.  
INHALATION TOXICITY (RATS): Practically low toxic (LC50: greater than  
10000mg/m3). —Based on testing of similar products and/or the components.

## SECTION 12 ECOLOGICAL INFORMATION

Ecological toxicity      Though long time infiltration, it may produce ecological toxicity.  
Mobility      When released into the environment, adsorption to sediment and soil will Be the  
predominant behavior.  
Persistence and degradability      This product is expected to be inherently biodegradable.  
Bioaccumulative potential      Bioaccumulation is unlikely due to the very low water solubility of this product; therefore  
bioavailability to aquatic organisms is minimal.

## SECTION 13 DISPOSAL CONSIDERATIONS

Waste disposal      Product is suitable for burning in an enclosed, controlled burner for fuel value. In  
addition, the product is suitable for processing by an approved recycling facility or can  
be disposed of at an appropriate government waste disposal facility.  
Note to release      Use protection things ,including protection gloves, glasses and respirator, because  
explosion may happen heating in the container.

## SECTION 14 TRANSPORT INFORMATION

Transport      The transport department work abiding by all the law ,rule and regulations.

## SECTION 15 REGULATORY INFORMATION

National regulation      Solid waste pollution prevention and cure law of The People's Republic of China.  
State Regulation      Water pollution standard of local government.

## SECTION 16 OTHER INFORMATION

Other data      Get information and manual from the market department or technology department.

**The above information is based on the data of which we are aware and is believed to be correctas of the date hereof. Since this information may be applied under conditions beyond ourcontrol and with which we may be unfamiliar and since data made available subsequent to thedate hereof may suggest modifications of the**



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