

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### **XONOL GREEN**

Revision date: 13.08.2020

Product code: XON000030

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## **SECTION 1: Identification of the substance/mixture and of the company/undertaking**

### **1.1. Product identifier**

XONOL GREEN

### **1.2. Relevant identified uses of the substance or mixture and uses advised against**

#### **Use of the substance/mixture**

High-performance cooling lubricant, mineral oil-free.

### **1.3. Details of the supplier of the safety data sheet**

Company name:	Hiessl Schmiertechnik GmbH	
Street:	Am See 16	
Place:	D- 72663 Grossbettlingen	
Telephone:	+49 (0)7022-244423-0	Telefax: +49 (0)7022-244423-20
Contact person:	Jürgen Hiessl	Telephone: +49 (0)7022-244423-10
Internet:	www.hiessl.de	
Responsible Department:	Department of Quality Assurance, Safety and Environmental Protection	

### **1.4. Emergency telephone number:**

Accessible during office between 8:00 am to 4:30 pm.

## **SECTION 2: Hazards identification**

### **2.1. Classification of the substance or mixture**

#### **Regulation (EC) No. 1272/2008**

The product does not require classification according to (EC) No. 1272/2008

### **2.2. Label elements**

### **2.3. Other hazards**

May cause sensitization in susceptible people.

## **SECTION 3: Composition/information on ingredients**

### **3.2. Mixtures**

#### **Chemical characterization**

Mixture of non hazardous additives. Mixture based on fatty acid esters and additives.

## **SECTION 4: First aid measures**

### **4.1. Description of first aid measures**

#### **General information**

Remove contaminated, saturated clothing immediately.

#### **After inhalation**

Move victim to fresh air. Put victim at rest and keep warm.

#### **After contact with skin**

After contact with skin, wash immediately with plenty of water and soap. In case of skin irritation, consult a physician.

#### **After contact with eyes**

If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 5 minutes. Subsequently consult an ophthalmologist.

#### **After ingestion**

Rinse mouth immediately and drink plenty of water.

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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

##### **Suitable extinguishing media**

Water fog. Foam.

##### **Unsuitable extinguishing media**

High power water jet.

#### 5.2. Special hazards arising from the substance or mixture

Nitrogen oxides (NOx). Carbon monoxide

#### 5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Keep away from unprotected people. Keep upwind.

#### 6.2. Environmental precautions

Do not allow to enter into surface water or drains. Prevent spread over a wide area (e.g. by containment or oil barriers).

#### 6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

##### **Advice on safe handling**

Do not breathe gas/fumes/vapour/spray. Avoid contact with skin and eyes.

##### **Advice on protection against fire and explosion**

Usual measures for fire prevention.

##### **Further information on handling**

Use only in well-ventilated areas. Handle and open container with care. Shafts and sewers must be protected from entry of the product.

#### 7.2. Conditions for safe storage, including any incompatibilities

##### **Requirements for storage rooms and vessels**

No ground outlets on containers. The floor should be leak tight, jointless and not absorbent.

##### **Hints on joint storage**

Do not store together with: Oxidizing agents.

##### **Further information on storage conditions**

Keep away from food, drink and animal feedingstuffs.

Storage stable: at least 12 months.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

#### 8.2. Exposure controls

##### **Protective and hygiene measures**

Do not eat, drink, smoke or sneeze at the workplace. Avoid contact with skin, eyes and clothes. Take off immediately all contaminated clothing. Wash hands before breaks and after work.

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### Eye/face protection

Tightly sealed safety glasses.

### Hand protection

Tested protective gloves are to be worn: In case of prolonged or frequently repeated skin contact:

### Respiratory protection

Respiratory protection necessary at: insufficient ventilation.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state:	liquid
Colour:	yellow
Odour:	characteristic

### Changes in the physical state

Initial boiling point and boiling range:	Not feasible
Pour point:	ca. -20 °C
Flash point:	>220 °C DIN 51376

### Explosive properties

not Explosive.

Density:	0,900 g/cm <sup>3</sup> DIN 51757
Viscosity / kinematic: (at 40 °C)	24,7 mm <sup>2</sup> /s DIN 51562

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reactions with strong oxidizing agents.

### 10.3. Possibility of hazardous reactions

No decomposition when used properly.

### 10.4. Conditions to avoid

Gas / vapours, irritant.

### 10.5. Incompatible materials

Reacts with : Oxidizing agents, strong.

### 10.6. Hazardous decomposition products

Decomposition under formation of: Gas / vapours, irritant.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Toxicocinetics, metabolism and distribution

In accordance with the defaults of the raw material manufacturers no realizations over Toxicokinetics, metabolisms and distribution for this product are present.

#### Irritation and corrosivity

There are no indications as to whether the product leads to irritation on the skin.

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecological information refers to main component.

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#### **12.3. Bioaccumulative potential**

The bio-accumulation potential is material specific and cannot be mentioned for the mixture.

#### **12.4. Mobility in soil**

No further relevant information available.

#### **12.5. Results of PBT and vPvB assessment**

The PBT features are material specific and cannot be mentioned for the mixture.

#### **12.6. Other adverse effects**

no harm to water organisms up to the tested concentration.

### **SECTION 13: Disposal considerations**

#### **13.1. Waste treatment methods**

##### **List of Wastes Code - residues/unused products**

120110 WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS; wastes from shaping and physical and mechanical surface treatment of metals and plastics; synthetic machining oils; hazardous waste

##### **Contaminated packaging**

Cleaned containers may be recycled. Contaminated packing must be completely emptied and can be re-used following appropriate cleaning.

### **SECTION 14: Transport information**

#### **Land transport (ADR/RID)**

**14.1. UN number:** ./.

**14.2. UN proper shipping name:** No dangerous good in sense of these transport regulations.

#### **Inland waterways transport (ADN)**

**14.1. UN number:** ./.

**14.2. UN proper shipping name:** No dangerous good in sense of these transport regulations.

#### **Marine transport (IMDG)**

**14.1. UN number:** ./.

**14.2. UN proper shipping name:** No dangerous good in sense of these transport regulations.

#### **Air transport (ICAO-TI/IATA-DGR)**

**14.2. UN proper shipping name:** No dangerous good in sense of these transport regulations.

**14.3. Transport hazard class(es):** ./.

### **SECTION 15: Regulatory information**

#### **15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

##### **National regulatory information**

Water hazard class (D): 1 - slightly hazardous to water

##### **Additional information**

Safety data sheet available for professional user on request.

### **SECTION 16: Other information**

#### **Further Information**

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights.

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*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*