

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### **XONOL GREEN +**

Revision date: 13.08.2020

Product code: XON000035

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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**

#### **Additional advice on labelling**

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

### **2.3. Other hazards**

May cause sensitization in susceptible people.

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

### **3.2. Mixtures**

#### **Chemical characterization**

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.

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### After ingestion

Rinse mouth immediately and drink plenty of water.

## 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.

## 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

pH-Value:

**Test method**  
not applicable.

### Changes in the physical state

Initial boiling point and boiling range:

Not feasible

Flash point:

>250 °C DIN ISO 2592

### Explosive properties

not Explosive.

Density:

0,930 g/cm<sup>3</sup> DIN 51757

Viscosity / kinematic:  
(at 40 °C)

23,7 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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### **12.2. Persistence and degradability**

Evidence exists of biological decomposition processes.

### **12.3. Bioaccumulative potential**

No indication of bio-accumulation potential. The bio-accumulation potential is material specific and cannot be mentioned for the mixture.

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

product has not been tested.

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

product has not been tested.

### **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)**

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

**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**

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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.)*