

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

Test method

Changes in the physical state

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

Explosive properties

not Explosive.

Density:	0,900 g/cm ³	DIN 51757
Viscosity / kinematic: (at 40 °C)	24,7 mm ² /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.)