

Safety Data Sheet

according to UK REACH Regulation
and Annex II to Regulation (EU) No.2008/878

XONOL RV33

Revision date: 03.07.2024

Product code: XON000006

Page 1 of 6

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

1.1. Product identifier

XONOL RV33

UFI: EYUS-HD0V-U005-3W4P

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

Use of the substance/mixture

High-performance thread cutting fluid

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
e-mail: info@hiessl.de
Contact person: Jürgen Hiessl Telephone: +49 (0)7022-244423-10
e-mail: info@hiessl.de
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

GB CLP Regulation

Asp. Tox. 1; H304

Full text of hazard statements: see SECTION 16.

The product has to be labeled in accordance with Regulation (EC) No. 1272/2008 [CLP]

2.2. Label elements

GB CLP Regulation

Hazard components for labelling

Hydrocarbons C10-C13, n-alkanes, isoalkanes

Signal word: Danger

Pictograms:



Hazard statements

May be fatal if swallowed and enters airways.

Precautionary statements

IF SWALLOWED: Immediately call a POISON CENTER/doctor.
Do NOT induce vomiting.
Store locked up.
Dispose of contents/container to the disposer.

2.3. Other hazards

Prevent from entering sewers or surface and ground water. Prolonged/repetitive skin contact may cause skin defatting or dermatitis.

Safety Data Sheet

according to UK REACH Regulation
and Annex II to Regulation (EU) No.2008/878

XONOL RV33

Revision date: 03.07.2024

Product code: XON000006

Page 2 of 6

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Preparation of substances listed below.

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (GB CLP Regulation)			
185857-36-7	Hydrocarbons C10-C13, n-alkanes, isoalkanes			85-89 %
	940-726-3		01-2120083063-63	
	Asp. Tox. 1; H304			

Full text of H and EUH statements: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Remove contaminated clothing immediately and dispose off safely.

After inhalation

In case of inhalation of aerosols/spray mist/splash spots: Consult physician.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap. Seek medical attention if problems persist.

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. Do NOT induce vomiting. Seek medical attention if problems persist.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Dry extinguishing powder. Foam. Carbon dioxide (CO₂). Water spray. Water fog.

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

Nitrogen oxides (NO_x). Carbon monoxide Phosphorus oxides. Soot and other organic products.

5.3. Advice for firefighters

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

Additional information

Cool containers at risk with water jet.

SECTION 6: Accidental release measures

Safety Data Sheet
according to UK REACH Regulation
and Annex II to Regulation (EU) No.2008/878

XONOL RV33

Revision date: 03.07.2024

Product code: XON000006

Page 3 of 6

6.1. Personal precautions, protective equipment and emergency procedures

General advice

Avoid inhalation of vapours, fog, aerosols. Do not breathe gas/fumes/vapour/spray. Personal precautions Wear personal protection equipment.

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

Other information

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

6.4. Reference to other sections

When entering surface water, drainage systems or under- ground, inform the local authorities.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Avoid building up of oil fog and do not spill ventilate the working place sufficiently. Keep container tightly closed in a cool and dry place. When using do not eat, drink or smoke.

Advice on general occupational hygiene

Do not inhale vapours. Do not eat, drink, smoke or sneeze at the workplace. Take off immediately all contaminated clothing. Wash hands before breaks and after work.

Further information on handling

If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Shafts and sewers must be protected from entry of the product. No ground outlets on containers.

Hints on joint storage

Do not store together with: Oxidizing agents.

Further information on storage conditions

Keep away from food, drink and animal feedingstuffs.
Protect against: frost.

Recommended storage temperature 10-25 ° C.

Storage stable: at least 12 months.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Additional advice on limit values

Hydrocarbon mixtures, fractions (RCP group): C10-C14 aliphates

CAS #: 185857-36-7

AGW-RCP-METHOD 300 mg / m³

8.2. Exposure controls

Individual protection measures, such as personal protective equipment

Eye/face protection

Tightly sealed safety glasses.

Safety Data Sheet

according to UK REACH Regulation

and Annex II to Regulation (EU) No.2008/878

XONOL RV33

Revision date: 03.07.2024

Product code: XON000006

Page 4 of 6

Skin protection

For the protection against direct skin contact, body protective clothing is essential (in addition to the usual working clothes).

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:	light blue
Odour:	characteristic

Test method**Changes in the physical state**

Pour point:		NBN 52014
Flash point:	<100 °C	DIN 51376
Lower explosion limits:	0,6 vol. %	
Upper explosion limits:	6,5 vol. %	
Auto-ignition temperature:	> 260 °C	
Viscosity / kinematic: (at 20 °C)	2,7 mm ² /s	DIN 51562
Water solubility:	insoluble	
Vapour pressure: (at 20 °C)	1,1 hPa	
Density (at 20 °C):	0,775 g/cm ³	

SECTION 10: Stability and reactivity**10.1. Reactivity**

Reactions with strong oxidizing agents. Reacts with strong oxidants.

10.2. Chemical stability

Cooling lubricants are stable, as long as they are properly stored (point 7) and get along in original locked bundles with most other products.

10.3. Possibility of hazardous reactions

No decomposition when used properly. None in case of correct storage/handling/transport.

10.4. Conditions to avoid

Flames, sparks and warmth avoid,

10.5. Incompatible materials

Oxidizing agents, strong.

10.6. Hazardous decomposition products

No decomposition when used properly.

SECTION 11: Toxicological information**11.1. Information on hazard classes as defined in GB CLP Regulation****Toxicokinetics, 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.

Safety Data Sheet

according to UK REACH Regulation

and Annex II to Regulation (EU) No.2008/878

XONOL RV33

Revision date: 03.07.2024

Product code: XON000006

Page 5 of 6

Irritation and corrosivity

Irritant effect on the skin: Frequently or prolonged contact with skin may cause dermal irritation.

Sensitising effects

Sensibilization eye: according to the raw material information an sensitization is not likely.

Sensibilization skin: according to the raw material information an sensitization is not likely.

Carcinogenic/mutagenic/toxic effects for reproduction

Longterm experiments do not indicate carcinogenic effects.

STOT-repeated exposure

Frequently or prolonged contact with skin may cause dermal irritation.

11.2. Information on other hazards

Endocrine disrupting properties

This product does not contain any substance that has endocrine disrupting properties in humans as no ingredient meets the criteria.

SECTION 12: Ecological information

12.2. Persistence and degradability

Some of the components are biodegradable.

12.3. Bioaccumulative potential

On the basis of existing data about disposal/decomposition and bio-accumulation potential, long term environmental damage is unlikely.

12.4. Mobility in soil

Product is easily volatile.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.

The PBT properties can not be applied to preparations or mixtures because they are substance-specific.

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects

Do not allow uncontrolled leakage of product into the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

List of Wastes Code - used product

120107 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; mineral-based machining oils free of halogens (except emulsions and solutions); hazardous waste

Contaminated packaging

Contaminated packaging must be emptied well - after respective cleaning it can be used for recycling purposes.

Packaging that cannot be cleaned has to be disposed of similar to the material. Cleaned containers may be recycled.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number or ID number:

./.

14.2. UN proper shipping name:

No dangerous good in sense of these transport regulations.

Safety Data Sheet

according to UK REACH Regulation
and Annex II to Regulation (EU) No.2008/878

XONOL RV33

Revision date: 03.07.2024

Product code: XON000006

Page 6 of 6

Inland waterways transport (ADN)

14.1. UN number or ID number:

./.

14.2. UN proper shipping name:

No dangerous good in sense of these transport regulations.

Marine transport (IMDG)

14.1. UN number or ID 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 or ID number:

./.

14.2. UN proper shipping name:

No dangerous good in sense of these transport regulations.

14.7. Maritime transport in bulk according to IMO instruments

not applicable

SECTION 15: Regulatory information

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

EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 3

2004/42/EC (VOC): 85 % (658,75 g/l)

National regulatory information

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

SECTION 16: Other information

Classification for mixtures and used evaluation method according to GB CLP Regulation

Classification	Classification procedure
Asp. Tox. 1; H304	Calculation method

Relevant H and EUH statements (number and full text)

May be fatal if swallowed and enters airways.

Further Information

The above information is the result of our quality check and is based on the current state of our knowledge.

However, they do not release the buyer from an initial inspection, since this is not a guarantee of product properties for a specific application and therefore no contractual legal relationship can be established.

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