

Safety Data Sheet

in accordance with Regulation (EU) 2020/878)

Version: 1. Date of compilation: 23/08/2021. Version: 3 (replaces version 2). Revision date: 23/03/2023

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Product name	RIDEX PLUS MTF 75W-80 GL-4
Product code	P40121-RID001

1.2. Relevant identified uses of the substance or mixture and uses advised against**1.2.1. Relevant identified uses**

Use of the substance/mixture	Lubricant oil
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1.2.2. Uses advised against

Uses other than those recommended.

1.3. Details of the supplier of the safety data sheet

RIDEX GmbH	Josef-Orlopp-Straße 55 10365 Berlin, Germany	www.ridex.eu info@ridex.de	+49 302 202 72 34
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1.4. Emergency telephone number

Emergency number : +32 70 245 245 Belgian Anti-Poison Centre, Bruynstraat 1, 1120 Brussels

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture**

The product is not classified as hazardous within the meaning of Regulation (EC) No. 1272/2008.

2.2. Label elements

EUH-statements	EUH208 – Contains N, N-bis(2-ethylhexyl)-((1,2,4triazol-1-yl) methyl) amine. May produce an allergic reaction.
	EUH210 – Safety data sheet available on request.

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2.3. Other hazards

- The mixture does not contain substances classified as PBT.
- The mixture does not contain substances classified as vPvB.
- The mixture does not contain any substances classified as having endocrine-disrupting properties.

In normal use conditions and in its original form, the product itself does not involve any other risk for health and the environment.

SECTION 3: Composition/information on ingredients**3.1. Substances**

Not applicable.

3.2. Mixtures

Substances posing a danger to health or the environment in accordance with Regulation (EC) No. 1272/2008, assigned a Community exposure limit in the workplace, and classified as PBT/vPvB or included in the Candidate List:

Name	Product identifier	%	Classification - Regulation (EC) No 1272/2008*	
			Classification	Specific concentration limits and acute toxicity estimate
N, N-bis(2-ethylhexyl)-((1,2,4-triazol-1-yl)methyl)amine	Index No: 613-072-00-9 CAS-No.: 91273-04-0 EC-No.: 401-280-0	0.1-0.99	Aquatic Chronic 2, H411 - Skin Corr. 1B, H314 - Skin Sens. 1, H317	-

*: The complete text of the H phrases is provided in Section 16 of this Safety Data Sheet.

**: See Regulation (EC) No. 1272/2008, Annex VI, Section 1.2.

SECTION 4: First-aid measures**4.1. Description of first-aid measures**

Due to the composition and type of the substances present in the product, no particular warnings are necessary.

Inhalation	If breathing stops, give artificial respiration and seek immediate medical attention. Take the victim into open air; keep them warm and calm. If breathing is irregular or stops, perform artificial respiration.
Eye contact	Remove contact lenses if present and if it is easy to do. Wash eyes with plenty of clean and cool water for at least 10 minutes while pulling eyelids up, and seek medical assistance.
Skin contact	Remove contaminated clothing.
Ingestion	Keep calm. NEVER induce vomiting.

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4.2. Most important symptoms and effects, both acute and delayed

No known acute or delayed effects from exposure to the product.

4.3. Indication of any immediate medical attention and special treatment needed

In case of doubt or when symptoms of feeling unwell persist, seek medical attention. Never administer anything orally to persons who are unconscious.

SECTION 5: Firefighting measures**5.1. Extinguishing media**

Suitable extinguishing media	Extinguisher powder or CO ₂ . In case of more serious fires, you may also use alcohol-resistant foam and water spray.
Unsuitable extinguishing media	Do not use a direct stream of water to extinguish fires. In the presence of electrical voltage, you cannot use water or foam as extinguishing media.

5.2. Special hazards arising from the substance or mixture

Special risks	Exposure to combustion or decomposition products can be harmful to your health.
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5.3. Advice for firefighters

Use water to cool tanks, cisterns, or containers close to the heat source or fire. Take wind direction into account.

Fire protection equipment	According to the size of the fire, it may be necessary to use protective suits against the heat, individual breathing equipment, gloves, protective goggles or facemasks, and boots.
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SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment, and emergency procedures**

For exposure control and individual protection measures, see Section 8.

6.2. Environmental precautions

Product not classified as hazardous for the environment, avoid spillage as much as possible.

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6.3. Methods and material for containment and cleaning up

- Contain and collect spillage with inert absorbent material (earth, sand, vermiculite, kieselguhr) and clean the area immediately with a suitable decontaminant.
- Deposit waste in closed and suitable containers for disposal, in compliance with local and national regulations (see Section 13).

6.4. Reference to other sections

- For exposure control and individual protection measures, see Section 8.
- For future waste disposal, follow the recommendations under Section 13.

SECTION 7: Handling and storage**7.1. Precautions for safe handling**

The product does not require special handling measures. The following general measures are recommended:

- For personal protection, see Section 8.
- In the work area, smoking, eating, and drinking must be prohibited.
- Follow legislation on occupational health and safety.
- Never use pressure to empty the containers. They are not pressure-resistant containers. Keep the product in containers made of a material identical to the original packaging.

7.2. Conditions for safe storage, including any incompatibilities

- The product does not require special storage measures. According to general storage measures, sources of heat, radiation, electricity, and contact with food should be avoided.
- Keep away from oxidising agents and from highly acidic or alkaline materials.
- Store the containers at temperatures between 5°C and 25°C in a dry, well-ventilated area.
- Store according to local legislation. Observe indications on the label. Once the containers are open, they must be carefully closed and placed vertically to prevent spills.

The product is not affected by Directive 2012/18/EU (SEVESO III).

7.3. Specific end use(s)

Lubricating oil for gears and differentials.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters**

The product does NOT contain substances with Professional Exposure Environmental Limit Values. The product does NOT contain substances with Biological Limit Values.

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8.2. Exposure controls

Measures of a technical nature	Provide adequate ventilation, which can be achieved by using good local exhaust-ventilation and a good general exhaust system.	
Concentration	100%	
Uses	Lubricant oil	
Breathing protection	If the recommended technical measures are observed, no individual protection equipment is necessary.	
Hand protection	If the product is handled correctly, no individual protection equipment is necessary.	
Eye protection	If the product is handled correctly, no individual protection equipment is necessary.	
Skin protection	PPE	Work footwear
	Characteristics	«CE» marking, category II.
	CEN standards	EN ISO 13287, EN 20347
	Maintenance	This product adapts to the first user's foot shape. That is why, as well as for hygienic reasons, it should not be used by other people.
	Observations	Work footwear for professional use includes protection elements aimed at protecting users against any injury resulting from an accident.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid
Colour	Yellow
Odour	Strong and characteristic
Odour threshold	Not applicable/not available due to the nature/properties of the product
Melting point	Not applicable/not available due to the nature/properties of the product
Freezing point	Not applicable/not available due to the nature/properties of the product
Boiling point or initial boiling point and boiling range	Not applicable/not available due to the nature/properties of the product

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Flammability	Not applicable/not available due to the nature/properties of the product
Lower explosion limit	Not applicable/not available due to the nature/properties of the product
Upper explosion limit	Not applicable/not available due to the nature/properties of the product
Flash point	$\geq 200^{\circ}\text{C}$
Auto-ignition temperature	Not applicable/not available due to the nature/properties of the product
Decomposition temperature	Not applicable/not available due to the nature/properties of the product
pH	Not applicable (Substance/mixture is non-soluble (in water))
Kinematic viscosity	7.0/11.0 (100°C) mm ² /s
Solubility	In organic solvents
Hydrosolubility	Insoluble
Liposolubility	Not applicable/not available due to the nature/properties of the product
Partition coefficient n-octanol/water (log value)	Not applicable/not available due to the nature/properties of the product
Vapour pressure	Not applicable/not available due to the nature/properties of the product
Absolute density	Not applicable/not available due to the nature/properties of the product
Relative density	0.84
Relative vapour density	Not applicable/not available due to the nature/properties of the product
Particle characteristics	Not applicable/not available due to the nature/properties of the product

9.2. Other information

Viscosity	< 150,000 at -40°C
Explosive properties	Not applicable/not available due to the nature/properties of the product
Oxidising properties	Not applicable/not available due to the nature/properties of the product
Dropping point	Not applicable/not available due to the nature/properties of the product
Blink	Not applicable/not available due to the nature/properties of the product

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

The product does not present hazards by their reactivity.

10.2. Chemical stability

Stable under the recommended handling and storage conditions (see Section 7).

10.3. Possibility of hazardous reactions

The product does not present a possibility of hazardous reactions.

10.4. Conditions to avoid

Avoid any improper handling.

10.5. Incompatible materials

Keep away from oxidising agents and from highly alkaline or acidic materials in order to prevent exothermic reactions.

10.6. Hazardous decomposition products

No decomposition if used for the intended uses.

SECTION 11: Toxicological information**11.1. Information on hazard classes as defined in Regulation (EC) No. 1272/2008**

No tested data is available for this product.

Acute toxicity	Not conclusive data for classification.
Skin corrosion/irritation	Based on available data, the classification criteria are not met.
Serious eye damage/irritation	Not conclusive data for classification.
Respiratory or skin sensitisation	Based on available data, the classification criteria are not met.
Germ cell mutagenicity	Not conclusive data for classification.
Carcinogenicity	Not conclusive data for classification.
Reproductive toxicity	Not conclusive data for classification.
STOT-single exposure	Not conclusive data for classification.
STOT-repeated exposure	Not conclusive data for classification.
Aspiration hazard	Not conclusive data for classification.

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11.2. Information on other hazards

Endocrine-disrupting properties	This product does not contain components with endocrine-disrupting properties with effects on human health.
Other information	There is no information available on other adverse health effects.

SECTION 12: Ecological information**12.1. Toxicity**

No information is available regarding the ecotoxicity of the substances present.

12.2. Persistence and degradability

- No information is available regarding the biodegradability of the substances present.
- No information is available on the degradability of the substances present.
- No information is available about persistence and degradability of the product.

12.3. Bioaccumulative potential

No information is available regarding the bioaccumulation of the substances present.

12.4. Mobility in soil

- No information is available about the mobility in soil.
- The product must not be allowed to enter sewers or waterways.
- Prevent penetration into the ground.

12.5. Results of PBT and vPvB assessment

No information is available about the results of PBT and vPvB assessment of the product.

12.6. Endocrine-disrupting properties

This product doesn't contain components with environmental endocrine-disrupting properties.

12.7. Other adverse effects

No information is available about other adverse effects for the environment.

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SECTION 13: Disposal considerations**13.1. Waste treatment methods**

Do not dump into sewers or waterways. Waste and empty containers must be handled and disposed of according to current local/national legislation.

Follow the provisions of Directive 2008/98/EC regarding waste management.

SECTION 14: Transport information

Transportation is not dangerous. In case of a road accident causing a product spillage, proceed in accordance with point 6.

14.1. UN number or ID number

Transportation is not dangerous.

14.2. UN proper shipping name

Description	
ADR/RID	Not classified as hazardous for transport.
IMDG	Not classified as hazardous for transport.
ICAO/IATA	Not classified as hazardous for transport.

14.3. Transport hazard class(es)

Transportation is not dangerous.

14.4. Packing group

Transportation is not dangerous.

14.5. Environmental hazards

Transportation is not dangerous.

Transport by ship, FEm – Emergency sheets (F – Fire, S – Spills)	Not applicable.
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14.6. Special precautions for user

Transportation is not dangerous.

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14.7. Maritime transport in bulk according to IMO instruments

Transportation is not dangerous.

SECTION 15: Regulatory information**15.1. Safety, health, and environmental regulations/legislation specific for the substance or mixture**

- The product is not affected by Regulation (EC) No. 1005/2009 of the European Parliament and Council of 16 September 2009 on substances that deplete the ozone layer.
- The product is not affected by Directive 2012/18/EU (SEVESO III).
- The product is not affected by Regulation (EU) No. 528/2012, concerning the making available on the market and use of biocidal products.
- The product is not affected by the procedure established in Regulation (EU) No. 649/2012, concerning the export and import of dangerous chemicals.
- Kind of pollutant to water (Germany): WGK 1: Slightly hazardous to water. (Autoclassified according to the AwSV Regulations).

15.2. Chemical safety assessment

No chemical safety assessment has been carried out for this substance/mixture by the supplier.

SECTION 16: Other information**Complete text of the H phrases that appear in Section 3**

H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H411	Toxic to aquatic life with long-lasting effects.

Classification codes

Aquatic Chronic 2	Chronic effect to the aquatic environment, Category 2.
Skin Corr. 1B	Skin Corrosive, Category 1B.
Skin Sens. 1	Skin sensitiser, Category 1.

Changes regarding to the previous version:

- Addition of precautionary statements/hazard statements/pictograms/signal word (SECTION 2.2).
- Modification of specific hazards (SECTION 2.3).
- Changes in the composition of the product (SECTION 3.2).
- Modifications to the first-aid measures (SECTION 4.1).
- Modification to the firefighting measures (SECTION 5.2).
- Modifications to the accidental release measures (SECTION 6.1).

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- Deletion of exposure data (SECTION 8.1).
- Modification to the values of the physical and chemical properties (SECTION 9).
- Change to the hazard classification (SECTION 11.1).
- Modification of the classification ADR/IMDG/ICAO/IATA/RID (SECTION 14).
- Addition of abbreviations and acronyms (SECTION 16).

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]

Physical hazards	On basis of test data
Health hazards	Calculation method
Environmental hazards	Calculation method

It is recommended that the product only be employed for the purposes advised.

Information on the TSCA Inventory (Toxic Substances Control Act) USA:

CAS-No.	Name	State
91273-04-0	N, N-bis(2-ethylhexyl)-((1,2,4-triazol-1-yl) methyl)amine	Registered7

Abbreviations and acronyms:

AwSV	Facility regulations for handling substances that are hazardous for water.
CEN	European Committee for Standardisation.
PPE	Personal protection equipment.
WGK	Water hazard classes.

Key literature references and sources for data:

- <http://eur-lex.europa.eu/homepage.html>
- <http://echa.europa.eu/>
- Regulation (EU) 2020/878.
- Regulation (EC) No. 1907/2006.
- Regulation (EC) No. 1272/2008.

The information given in this Safety Data Sheet has been drafted in accordance with COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemical substances and mixtures (REACH).

The information in this Safety Data Sheet

on the Preparation is based on current knowledge and on current EC and national laws, as far as the working conditions of the users is beyond our knowledge and control. The product must not be used for purposes other than those that are specified without first having written instructions on how to handle. It is always the responsibility of the user to take the appropriate measures in order to comply with the requirements established by current legislation. The information contained in this Safety Sheet only states a description of the safety requirements for the preparation, and it must not be considered as a guarantee of its properties.