

Rivolta S,B,H, 11

Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations

Issue date: 26/06/2025

Revision date: 26/06/2025

Version: 1.0

SECTION 1: Product identifier

1.1. GHS Product identifier

Product form	Mixture
Product name	Rivolta S,B,H, 11
Product code	BU ET&A

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Recommended use	Hydraulic Fluids
Restrictions on use	For professional use only

1.4. Details of manufacturer or importer

Supplier

Bremer & Leguil GmbH
Am Burgacker 30 - 42
Duisburg 47051
Germany
T +49 (0)203 / 9923-0
product-safety-management@bremer-leguil.de

Department issuing data specification sheet:

Hilti AG
Feldkircherstraße 100
Schaan 9494
Liechtenstein
T +423 234 2111
product.compliance-power.tools@hilti.com

1.5. Emergency phone number

Emergency number	Emergency CONTACT (24-Hour-Number): GBK GmbH Global Regulatory Compliance +49 (0)6132-84463
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SECTION 2: Hazard identification

2.1. Classification of the hazardous chemical

Classification according to the model Work Health and Safety Regulations (WHS Regulations)

Not classified

2.2. GHS Label elements, including precautionary statements

No labelling applicable

2.3. Other hazards which do not result in classification

No additional information available

SECTION 3: Composition and information on ingredients

This mixture does not contain any substances to be mentioned according to the applicable regulations

SECTION 4: First aid measures

4.1. Description of necessary first-aid measures

First-aid measures general	Take off immediately all contaminated clothing.
First-aid measures after inhalation	Remove person to fresh air and keep comfortable for breathing. Allow the victim to rest. If experiencing respiratory symptoms: Call a poison center or a doctor.
First-aid measures after skin contact	Wash skin with mild soap and water.
First-aid measures after eye contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if pain, blinking or redness persists.
First-aid measures after ingestion	Rinse mouth. Do NOT induce vomiting. Get medical advice/attention.

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4.2. Symptoms caused by exposure

Symptoms/effects after skin contact	May cause skin irritation.
Symptoms/effects after eye contact	May cause eye irritation.

4.3. Medical attention and special treatment

Other medical advice or treatment	Get medical attention if symptoms occur.
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SECTION 5: Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media	Dry powder. Carbon dioxide. Fight larger fires with water spray or alcohol resistant foam.
Unsuitable extinguishing media	Do not use a heavy water stream.

5.2. Specific hazards arising from the chemical

Explosion hazard	No direct explosion hazard.
General measures	Spilled material may present a slipping hazard.
Hazardous decomposition products in case of fire	Carbon dioxide. Carbon monoxide.

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions	Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.
Protection during firefighting	Do not enter fire area without proper protective equipment, including respiratory protection. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	Spilled material may present a slipping hazard.
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6.1.1. For non-emergency personnel

Protective equipment	Wear recommended personal protective equipment.
Emergency procedures	Ventilate spillage area. Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment	Do not attempt to take action without suitable protective equipment. Equip cleanup crew with proper protection. For further information refer to section 8: "Exposure controls/personal protection".
Emergency procedures	Ventilate area. Evacuate unnecessary personnel. Stop leak if safe to do so.

6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and materials for containment and cleaning up

For containment	Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak without risks if possible.
Methods for cleaning up	Take up liquid spill into absorbent material. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	Prevent aerosol formation or splashes. Ensure good ventilation of the work station. Wear personal protective equipment. Do not get in eyes, on skin, or on clothing. Do not breathe vapours, spray. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour.
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Hygiene measures

Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures

Keep in a cool, well-ventilated place away from heat.

Storage conditions

Keep cool. Protect from sunlight. Keep container closed when not in use. Keep only in original container.

Incompatible materials

Sources of ignition. Direct sunlight.

SECTION 8: Exposure controls and personal protection

8.1. Control parameters - exposure standards

No additional information available

8.2. Biological Monitoring

Monitoring methods

A specific exposure sampling method is not available.

8.3. Engineering controls

Appropriate engineering controls

Ensure good ventilation of the work station.

8.4. Individual protection measures, such as personal protective equipment (PPE)

Personal protective equipment

Avoid all unnecessary exposure.

Hand protection

Avoid repeated or prolonged contact with the skin. Nitrile rubber gloves

Eye protection

Safety goggles recommended during refilling. Safety glasses

Skin and body protection

Wear suitable protective clothing

Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment

Personal protective equipment symbol(s)



Environmental exposure controls

Avoid release to the environment.

Other information

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

Physical state

Liquid

Appearance

No data available

Colour

Yellow

Odour

characteristic

Odour threshold

No data available

pH

No data available

pH solution

No data available

Relative evaporation rate (butylacetate=1)

No data available

Melting point / Freezing point

No data available

Boiling point

No data available

Flash point

200 °C

Auto-ignition temperature

No data available

Flammability

No data available

Vapour pressure

No data available

Relative density

No data available

Density

Density: 0.9 g/ml (15 °C)

Solubility

insoluble in water.

Partition coefficient n-octanol/water (Log Pow)

No data available

Viscosity, kinematic

21.9 mm²/s (40 °C)

Explosive properties

No data available

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Explosive limits	No data available
Minimum ignition energy	No data available
Fat solubility	No data available

SECTION 10: Stability and reactivity

Reactivity	The product is non-reactive under normal conditions of use, storage and transport.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	No dangerous reactions known under normal conditions of use.
Conditions to avoid	Direct sunlight. Extremely high or low temperatures.
Incompatible materials	Strong acids. Strong bases. Strong oxidizing agents.
Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced. Thermal decomposition generates : carbon oxides. Toxic gases. Toxic vapours.

SECTION 11: Toxicological information

Acute toxicity (oral)	Not classified
Acute toxicity (dermal)	Not classified
Acute toxicity (inhalation)	Not classified
Skin corrosion/irritation	Not classified
Serious eye damage/irritation	Not classified
Respiratory or skin sensitization	Not classified
Germ cell mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive toxicity	Not classified
STOT-single exposure	Not classified
STOT-repeated exposure	Not classified
Aspiration hazard	Not classified

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Viscosity, kinematic	21.9 mm ² /s (40 °C)

Potential adverse human health effects and symptoms	Based on available data, the classification criteria are not met
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SECTION 12: Ecological information

According to the National Code of Practice for the Preparation of Material Safety Data Sheets, Environmental classification information is not mandatory. Information relevant for GHS classification is available on request

12.1. Ecotoxicity

Ecology - general	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Not classified
Other information	: Avoid release to the environment.

12.2. Persistence and degradability

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Persistence and degradability	No additional information available.

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12.3. Bioaccumulative potential

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Bioaccumulative potential	Not established.

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Ozone : Not classified
Other adverse effects : No additional information available

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Fluorinated greenhouse gases	False

SECTION 13: Disposal considerations

Regional waste regulation	Disposal must be done according to official regulations.
Waste treatment methods	Dispose of contents/container in accordance with licensed collector's sorting instructions.
Sewage disposal recommendations	Disposal must be done according to official regulations.
Product/Packaging disposal recommendations	Dispose in a safe manner in accordance with local/national regulations.
Additional information	Do not re-use empty containers.
Ecological waste information	Avoid release to the environment.

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / RID /

ADR	IMDG	IATA	RID
14.1. UN number or ID number			
Not regulated	Not regulated	Not regulated	Not regulated
14.2. UN proper shipping name			
Not regulated	Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)			
Not regulated	Not regulated	Not regulated	Not regulated
14.4. Packing group			
Not regulated	Not regulated	Not regulated	Not regulated
14.5. Environmental hazards			
Not regulated	Not regulated	Not regulated	Not regulated
No supplementary information available			

14.6. Special precautions for user

Overland transport

Not regulated

Transport by sea

Not regulated

Air transport

Not regulated

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Rail transport

Not regulated

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations

Australian Industrial Chemicals Introduction Scheme (AICIS)

Australian Inventory of Industrial Chemicals (AICIS All the chemicals contained in this product are listed introductions
Inventory) status

15.2. International agreements

No additional information available

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SECTION 16: Other information

Abbreviations and acronyms

ACGIH - American Conference of Government Industrial Hygienists
 ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
 ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road
 ATE - Acute Toxicity Estimate
 BCF - Bioconcentration factor
 BLV - Biological limit value
 BOD - Biochemical oxygen demand (BOD)
 CAS-No. - Chemical Abstract Service number
 CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
 COD - Chemical oxygen demand (COD)
 CSA - Chemical safety assessment
 DMEL - Derived Minimal Effect level
 DNEL - Derived-No Effect Level
 EC-No. - European Community number
 EC50 - Median effective concentration
 ED - Endocrine disruptor
 EN - European Standard
 EWC - European waste catalogue
 IARC - International Agency for Research on Cancer
 IATA - International Air Transport Association
 IMDG - International Maritime Dangerous Goods
 LC50 - Median lethal concentration
 LD50 - Median lethal dose
 LOAEL - Lowest Observed Adverse Effect Level
 Log Kow - Partition coefficient n-octanol/water (Log Kow)
 Log Pow - Partition coefficient n-octanol/water (Log Pow)
 MAK - maximum workplace concentration
 NOAEC - No-Observed Adverse Effect Concentration
 NOAEL - No-Observed Adverse Effect Level
 NOEC - No-Observed Effect Concentration
 N.O.S. - Not Otherwise Specified
 OECD - Organisation for Economic Co-operation and Development
 OEL - Occupational Exposure Limit
 OSHA - Occupational Safety Health Administration
 PBT - Persistent Bioaccumulative Toxic
 PNEC - Predicted No-Effect Concentration
 PPE - Personal protection equipment
 RID - Regulations concerning the International Carriage of Dangerous Goods by Rail
 SDS - Safety Data Sheet
 STP - Sewage treatment plant
 TF - Technical function
 ThOD - Theoretical oxygen demand (ThOD)
 TLM - Median Tolerance Limit
 TWA - Time Weighted Average
 VOC - Volatile Organic Compounds
 vPvB - Very Persistent and Very Bioaccumulative
 UFI - Unique Formula Identifier
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 None.

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Other information

Classification	
Not classified	



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This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.