

## Safety Data Sheet

according to the United Nations GHS (Rev. 9, 2021)

Issue date: 14/12/2022 Revision date: 14/12/2022 Supersedes: 09/04/2019 Version: 2.0

## **SECTION 1: Identification**

### 1.1. GHS Product identifier

Product form Mixture

Product name Kluebersynth GH 6-80 (Hilti)

Product code BU Diamond

#### 1.2. Other means of identification

No additional information available

#### 1.3. Recommended use of the chemical and restrictions on use

Use of the substance/mixture Lubricant

Recommended use For professional use only

#### 1.4. Supplier's details

#### Supplier Department issuing data specification sheet

P.T. Hilti Nusantara Hilti Entwicklungsgesellschaft mbH

The Garden Center Level 3 No. 3-11B, Kawasan Komersial Cilandak Jl. Hiltistraße 6

Raya Cilandak KKO DE- 86916 Kaufering ID- 12560 Jakarta Deutschland

Indonesia T +49 8191 906876
T +62 21 789 0850 - F +62 21 7890845 anchor.hse@hilti.com

moid@hilti.com

#### 1.5. Emergency phone number

Emergency number Schweizerisches Toxikologisches Informationszentrum – 24h Service

+41 44 251 51 51 (international)

+62 21 789 0850

## **SECTION 2: Hazard identification**

#### 2.1. Classification of the substance or mixture

#### Classification according to the United Nations GHS

Flammable liquids Not classified On basis of test

data

Full text of H-statements: see section 16

## 2.2. GHS Label elements, including precautionary statements

#### Labelling according to the United Nations GHS

No labelling applicable

#### 2.3. Other hazards which do not result in classification

No additional information available

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

#### 3.1. Substances

Not applicable



## Safety Data Sheet

according to the United Nations GHS (Rev. 9, 2021)

#### 3.2. Mixtures

Name	Product identifier		Classification according to the United Nations GHS
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	CAS-No.: 68411-46-1	1 – 2,5	Hazardous to the aquatic environment – Acute Hazard Not classified Hazardous to the aquatic environment – Chronic Hazard, Category 3, H412

Full text of H-statements: see section 16

## **SECTION 4: First-aid measures**

## 4.1. Description of necessary first-aid measures

First-aid measures general Never give anything by mouth to an unconscious person. If you feel unwell, seek medical

advice (show the label where possible).

First-aid measures after inhalation Allow affected person to breathe fresh air. Allow the victim to rest.

First-aid measures after skin contact Remove affected clothing and wash all exposed skin area with mild soap and water,

followed by warm water rinse.

First-aid measures after eye contact Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness

persists.

First-aid measures after ingestion Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

#### 4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects Not expected to present a significant hazard under anticipated conditions of normal use.

Potential adverse human health effects and Based on available data, the classification criteria are not met.

symptoms

#### 4.3. Indication of immediate medical attention and special treatment needed, if necessary

No additional information available.

## **SECTION 5: Fire-fighting measures**

#### 5.1. Suitable extinguishing media

Suitable extinguishing media Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media Do not use a heavy water stream.

#### 5.2. Specific hazards arising from the chemical

Reactivity in case of fire Hazardous decomposition products in case of fire. Carbon dioxide (CO2). carbon monoxide.

Nitrogen oxides.

Hazardous decomposition products in case of fire Carbon dioxide. Carbon monoxide. Nitrogen oxides.

#### 5.3. Special protective actions for fire-fighters

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.

## **SECTION 6: Accidental release measures**

#### 6.1. Personal precautions, protective equipment and emergency procedures

Prevention Measures for Secondary Accidents No additional information available.

6.1.1. For non-emergency personnel

Emergency procedures Evacuate unnecessary personnel.

14/12/2022 ID - en 2/7



## Safety Data Sheet

according to the United Nations GHS (Rev. 9, 2021)

#### 6.1.2. For emergency responders

Protective equipment Equip cleanup crew with proper protection.

Emergency procedures Ventilate area.

#### 6.2. Environmental precautions

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

#### 6.3. Methods and materials for containment and cleaning up

Methods for cleaning up 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 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.

Hygiene measures Do not eat, drink or smoke when using this product.

#### 7.2. Conditions for safe storage, including any incompatibilities

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

original container.

Incompatible products Strong bases. Strong acids. Incompatible materials Sources of ignition. Direct sunlight.

### **SECTION 8: Exposure controls/personal protection**

#### 8.1. Control parameters

Monitoring methods	
Monitoring methods	A specific exposure sampling method is not available.

#### 8.2. Appropriate engineering controls

Other information Do not eat, drink or smoke during use.

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

Hand protection In case of repeated or prolonged contact wear gloves

Eye protection Chemical goggles or safety glasses

Respiratory protection In case of insufficient ventilation, wear suitable respiratory equipment

Personal protective equipment symbol(s)





#### 8.4. Exposure limit values for the other components

No additional information available

## SECTION 9: Physical and chemical properties

## 9.1. Basic physical and chemical properties

Physical state Liquid
Colour Yellow.
Odour characteristic.

14/12/2022 ID - en 3/7



## Safety Data Sheet

according to the United Nations GHS (Rev. 9, 2021)

Odour threshold Not available Melting point Not available Freezing point Not available Boiling point Not available Flammability Non flammable. Lower explosion limit Not available Not available Upper explosion limit Flash point > 250 °C ISO 2592 Auto-ignition temperature Not available Decomposition temperature Not available рΗ Not available pH solution Not available Viscosity, kinematic (calculated value) (40 °C) 80 mm<sup>2</sup>/s (40 °C) Partition coefficient n-octanol/water (Log Kow) Not available Vapour pressure < 0,001 hPa (20 °C) Vapour pressure at 50°C Not available Density 1,04 g/cm<sup>3</sup> Relative density Not available Relative vapour density at 20°C Not available Solubility Not available Particle size Not applicable

## 9.2. Data relevant with regard to physical hazard classes (supplemental)

VOC content 0,06 %

## **SECTION 10: Stability and reactivity**

#### 10.1. Reactivity

No additional information available

#### 10.2. Chemical stability

Stable under normal conditions.

## 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

#### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

### 10.5. Incompatible materials

Strong acids. Strong bases.

#### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

## 11.1. Information on toxicological effects

Not classified
Not classified

14/12/2022 ID - en 4/7



## Safety Data Sheet

according to the United Nations GHS (Rev. 9, 2021)

STOT-single exposure	Not classified
STOT-repeated exposure	Not classified
Aspiration hazard	Not classified

Kluebersynth GH 6-80 (Hilti)	
Viscosity, kinematic	80 mm <sup>2</sup> /s (40 °C)
Potential adverse human health effects and	Based on available data, the classification criteria are not met.

symptoms

## **SECTION 12: Ecological information**

## 12.1. Toxicity

Hazardous to the aquatic environment, short-term

Not classified

(acute)

Hazardous to the aquatic environment, long-term

Not classified

(chronic)

Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1)		
LC50 - Fish [1]	> 100 mg/l	
LC50 - Other aquatic organisms [1]	> 100 mg/l	
EC50 - Crustacea [1]	> 51 mg/l	

## 12.2. Persistence and degradability

Kluebersynth GH 6-80 (Hilti)		
Persistence and degradability	No additional information available	

### Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1)

Not rapidly degradable

## 12.3. Bioaccumulative potential

Kluebersynth GH 6-80 (Hilti)		
Bioaccumulative potential Not established.		
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1)		
Bioconcentration factor (BCF REACH) 411		

## 12.4. Mobility in soil

Kluebersynth GH 6-80 (Hilti)		
Mobility in soil	No additional information available	

### 12.5. Other adverse effects

Ozone Not classified

Other adverse effects

No additional information available
Other information

Avoid release to the environment.

## **SECTION 13: Disposal considerations**

### 13.1. Disposal methods

Product/Packaging disposal recommendations Dispose in a safe manner in accordance with local/national regulations. Avoid release to the

environment.

Ecology - waste materials Avoid release to the environment.

14/12/2022 ID - en 5/7



Safety Data Sheet

according to the United Nations GHS (Rev. 9, 2021)

## **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	3)			
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 availab	ole	,		

## 14.6. Special precautions for user

### **Overland transport**

Not regulated

## Transport by sea

Not regulated

## Air transport

Not regulated

#### 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 specific for the product in question

No additional information available

## **SECTION 16: Other information**

 Issue date
 14/12/2022

 Revision date
 14/12/2022

 Supersedes
 09/04/2019

Section	Changed item	Change	Comments
2.1	Classification (GHS UN)	Removed	

Other information None.



## Safety Data Sheet

according to the United Nations GHS (Rev. 9, 2021)

Full text of H-statements:		
H400	Very toxic to aquatic life	
H412	Harmful to aquatic life with long lasting effects	

SDS\_UN\_Hilti

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.