

# Shell Gadus S5 V42P 2.5

## Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations

Issue date: 08/07/2025

Revision date: 08/07/2025

Version: 1.0

### SECTION 1: Product identifier

#### 1.1. GHS Product identifier

Product form	Mixture
Product name	Shell Gadus S5 V42P 2.5
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	Lubricant
Restrictions on use	For professional use only

#### 1.4. Details of manufacturer or importer

##### Supplier

Maagtechnic AG  
Sonnentalstrasse 8  
Dübendorf 1 CH-8600  
Switzerland  
T +41 44 824 91 91  
[lubeinfo@maagtechnic.com](mailto:lubeinfo@maagtechnic.com)

##### Department issuing data specification sheet:

Hilti AG  
Feldkircherstraße 100  
Schaan 9494  
Liechtenstein  
T +423 234 2111  
[product.compliance-power.tools@hilti.com](mailto: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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Country	Organisation/Company	Address	Emergency number	Comment
Australia	NSW Poisons Information Centre The Children's Hospital at Westmead	Locked Bag 4001 NSW 2145	13 11 26	

### 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	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
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First-aid measures after inhalation	Remove person to fresh air and keep comfortable for breathing. Allow affected person to breathe fresh air. Allow the victim to rest. If experiencing respiratory symptoms: Call a poison center or a doctor.
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. Wash contaminated clothing before reuse.
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. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	Rinse mouth. Do NOT induce vomiting. Get medical advice/attention.

### 4.2. Symptoms caused by exposure

Symptoms/effects after skin contact	Prolonged or repeated skin contact without proper cleaning can clog the pores of the skin resulting in disorders such as oil acne/folliculitis. Necrosis. High pressure injection of product under the skin can have very serious consequences even without apparent symptoms or injuries.
Symptoms/effects after ingestion	Ingestion may cause nausea, vomiting and diarrhea.
Chronic symptoms	Symptoms may be delayed.

### 4.3. Medical attention and special treatment

No additional information available

## SECTION 5: Fire-fighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	Foam. Water spray. Dry powder. Carbon dioxide. Sand.
Unsuitable extinguishing media	Do not use a heavy water stream.

### 5.2. Specific hazards arising from the chemical

Fire hazard	No fire hazard.
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. Toxic fumes may be released.

### 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. Do not enter fire area without proper protective equipment, including respiratory protection.
Protection during firefighting	Do not attempt to take action without suitable protective equipment. 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.
<b>6.1.1. For non-emergency personnel</b>	
Protective equipment	Wear recommended personal protective equipment.
Emergency procedures	Evacuate unnecessary personnel. Ventilate spillage area.
<b>6.1.2. For emergency responders</b>	
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	Evacuate unnecessary personnel. Ventilate area. Stop leak if safe to do so.

### 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.

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

For containment	Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Collect all waste in suitable and labelled containers and dispose according to local legislation.
Methods for cleaning up	Shovel into suitable and closed container for disposal.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling	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.
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	PVC.
Heat and ignition sources	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

## 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.
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### 8.3. Engineering controls

Appropriate engineering controls	Ensure good ventilation of the work station.
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### 8.4. Individual protection measures, such as personal protective equipment (PPE)

Personal protective equipment	Avoid all unnecessary exposure.
Hand protection	Protective gloves
Eye protection	Wear security glasses which protect from splashes
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	Pasty.
Colour	light brown
Odour	characteristic

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Odour threshold	No data available
pH	Not applicable
pH solution	No data available
Relative evaporation rate (butylacetate=1)	No data available
Melting point / Freezing point	Melting point: Not applicable
Boiling point	No data available
Flash point	No data available
Auto-ignition temperature	> 320 °C
Flammability	No data available
Vapour pressure	Vapour pressure: < 0.5 Pa (estimated value)
Relative density	No data available
Density	Density: 900 kg/m <sup>3</sup> (15 °C) Relative density: 0.9 (15 °C)
Solubility	Water: Negligible
Partition coefficient n-octanol/water (Log Pow)	> 6 Data from similar product
Viscosity, kinematic	42 mm <sup>2</sup> /s (40 °C) ASTM D445
Explosive properties	No data available
Explosive limits	No data available
Minimum ignition energy	No data available
VOC content	0 %
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 oxidizing agents.
Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### SECTION 11: Toxicological information

Acute toxicity (oral)	Not classified
Acute toxicity (dermal)	Not classified
Acute toxicity (inhalation)	Not classified
Skin corrosion/irritation	Not classified pH: Not applicable
Serious eye damage/irritation	Not classified pH: Not applicable
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	42 mm <sup>2</sup> /s (40 °C) ASTM D445

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	: Harmful to aquatic life with long lasting effects.
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

Shell Gadus S5 V42P 2.5	
Persistence and degradability	No additional information available.

#### 12.3. Bioaccumulative potential

Shell Gadus S5 V42P 2.5	
Partition coefficient n-octanol/water (Log Pow)	> 6 Data from similar product
Bioaccumulative potential	Not established.

#### 12.4. Mobility in soil

Shell Gadus S5 V42P 2.5	
Partition coefficient n-octanol/water (Log Pow)	> 6 Data from similar product

#### 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

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ADR	IMDG	IATA	RID
<b>14.3. Transport hazard class(es)</b>			
Not regulated	Not regulated	Not regulated	Not regulated
<b>14.4. Packing group</b>			
Not regulated	Not regulated	Not regulated	Not regulated
<b>14.5. Environmental hazards</b>			
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

#### 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

No additional information available

### 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  
 08/07/2025  
 None.

Revision date

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.