

**Section 1: Identification****1.1. Product identifier**

Product form : Mixture  
Product name : BOCKlub G68

**1.2. Other means of identification**

No additional information available

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

Recommended use of the substance/mixture : Industrial lubricant

**1.4. Details of manufacturer or importer****Supplier (Germany)**

BOCK GmbH  
Benzstraße 7  
72636 Frickenhausen - Germany  
T: +49 7022 9454 0  
E-mail: info@bock.de

**Supplier (Australia)**

Danfoss (Australia) Pty Ltd  
2 National Drive  
Dadendong South 3175 VIC - Australia  
T: 1300 328 008  
E-mail: customercare.pac@danfoss.com

Safety Data Sheet: DLAC Dienstleistungsagentur Chemie GmbH, E-mail: sds@dlac-gmbh.de

**1.5. Emergency phone number**

Country	Organisation/Company	Address	Emergency telephone number
Australia	Poisons Information Hotline	-	13 11 26

**Section 2: Hazard(s) identification****2.1. Classification of the hazardous chemical****GHS Classification according to WHS Regulations**

Not classified

**Adverse physicochemical, human health and environmental effects**

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

**2.2. Label elements, including precautionary statements****GHS Labelling according to WHS Regulations**

No labelling applicable

**2.3. Other hazards**

No additional information available

**Section 3: Composition and information on ingredients, in accordance with Schedule 8****3.1. Substances**

Not applicable

**3.2. Mixtures**

Name	Product identifier	%	Classification according to WHS Regulations
N-1-naphthylaniline	(CAS-No.) 90-30-2	0.25 – < 1	Acute Tox. 4 (Oral), H302 Skin Sens. 1B, H317 STOT RE 2, H373 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Full text of H-phrases: see section 16

**Section 4: First aid measures****4.1. Description of necessary first aid measures**

First-aid measures general : Get medical advice/attention if you feel unwell. If possible show him this sheet. Failing this, show him the packaging or label. Never give anything by mouth to an unconscious person. Place the affected person in the recovery position.

First-aid measures after inhalation : Move the affected person away from the contaminated area and into the fresh air. Make the affected person rest and keep at warm.

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.

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First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
First-aid measures after ingestion	: Rinse mouth. Drink water as a precaution.

### 4.2. Symptoms caused by exposure

Symptoms/injuries	: Not expected to present a significant hazard under anticipated conditions of normal use.
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### 4.3. Medical attention and special treatment

Treat symptomatically.

## Section 5: Firefighting measures

### 5.1. Suitable extinguishing equipment

Suitable extinguishing media	: Adapt extinguishing agent to suit the environment. Carbon dioxide. Dry extinguishing powder. Water spray. For a significant fire: Alcohol resistant foam.
Unsuitable extinguishing media	: Do not use a heavy water stream.

### 5.2. Specific hazards arising from the chemical

Hazardous decomposition products in case of fire	: Toxic fumes may be released. Carbon dioxide. Carbon monoxide. Nitrogen oxides.
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### 5.3. Special protective equipment and precautions for firefighters

Firefighting instructions	: Use water spray or fog for cooling exposed containers. Prevent fire-fighting water from entering environment.
Protection during firefighting	: Use a self-contained breathing apparatus and also a protective suit.

## Section 6: Accidental release measures

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

General measures	: Ventilate spillage area. Avoid contact with skin and eyes. Do not breathe vapour/aerosol.
Emergency procedures	: Evacuate unnecessary personnel.
Protective equipment	: Wear suitable protective clothing. Self-contained breathing apparatus. For further information refer to section 8: "Exposure controls and personal protection".

### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Contain the spilled material by bunding. Notify authorities if product enters sewers or public waters.

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

Methods for cleaning up	: Wipe up with absorbent material (for example cloth). Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Keep in suitable, closed containers for disposal. Dispose of in accordance with relevant local regulations.
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## Section 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling	: Ensure good ventilation of the work station. Do not breathe vapour/aerosol. Avoid contact with skin and eyes. Wear personal protective equipment.
Hygiene measures	: Handle in accordance with good industrial hygiene and safety procedures. When using do not eat, drink or smoke. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Take off contaminated clothing and wash it before reuse.

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

Storage conditions	: Store in original container. Store tightly closed in a dry and cool place. Protect from heat and direct sunlight.
Prohibitions on mixed storage	: Keep away from food, drink and animal feedingstuffs.

## Section 8: Exposure controls and personal protection

### 8.1. Exposure control measures

No additional information available

### 8.2. Biological monitoring

No additional information available

### 8.3. Control Banding

No additional information available

### 8.4. Engineering controls

Appropriate engineering controls	: Provide local exhaust or general room ventilation to minimize vapour concentrations.
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### 8.5. Individual protection measures, for example personal protective equipment (PPE)

Hand protection	: Wear suitable gloves (AS/NZS 2161 or equivalent). Nitrile rubber, 0.35 mm. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
Eye protection	: Wear safety glasses (AS/NZS 1337 or equivalent).
Skin and body protection	: Wear suitable protective clothing.
Respiratory protection	: No respiratory protection needed under normal use conditions. In case of insufficient ventilation, wear suitable respiratory equipment.
Environmental exposure controls	: Avoid release to the environment.

## Section 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Colourless to yellow
Odour	: Mild
Melting point/freezing point	: No data available
Boiling point or initial boiling point and boiling range	: No data available
Flammability	: No data available
Lower and upper explosion limit/flammability limit	: No data available
Flash point	: > 218.3 °C (Cleveland Open Cup)
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
pH	: No data available
Kinematic viscosity	: 61.5 mm <sup>2</sup> /s (40 °C) 10.8 mm <sup>2</sup> /s (100 °C)
Solubility	: Water: practically insoluble
Partition coefficient n-octanol/water (log value)	: Not applicable
Vapour pressure	: No data available
Density and/or relative density	: 1.035 (20 °C)
Relative vapour density	: No data available
Particle characteristics	: Not applicable

### 9.2. Other information

Explosive properties	: No explosive properties
Oxidising properties	: No oxidising properties
Bulk density	: 8.205 lb/gal (25 °C)

## Section 10: Stability and reactivity

### 10.1. Reactivity

No dangerous reactions known under normal conditions of use.

### 10.2. Chemical stability

Stable under use and storage conditions as recommended in section 7.

### 10.3. Possibility of hazardous reactions

None under normal use.

### 10.4. Conditions to avoid

Heat. Sources of ignition.

### 10.5. Incompatible materials

Strong oxidizing agents.

### 10.6. Hazardous decomposition products

No hazardous decomposition products known. In case of fire: Nitrogen oxides. Carbon dioxide. Carbon monoxide.

## Section 11: Toxicological information

### 11.1. Information on hazard classes

Acute toxicity	: Not classified Based on available data, the classification criteria are not met
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#### N-1-naphthylaniline (90-30-2)

LD50 oral rat	1625 mg/kg
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N-1-naphthylaniline (90-30-2)	
LD50 dermal rabbit	> 5000 mg/kg
Skin corrosion/irritation	: Not classified Based on available data, the classification criteria are not met
Serious eye damage/irritation	: Not classified Based on available data, the classification criteria are not met
Respiratory or skin sensitisation	: Not classified Based on available data, the classification criteria are not met
Germ cell mutagenicity	: Not classified Based on available data, the classification criteria are not met
Carcinogenicity	: Not classified Based on available data, the classification criteria are not met
Reproductive toxicity	: Not classified Based on available data, the classification criteria are not met
Specific Target Organ Toxicity (STOT) — single exposure	: Not classified Based on available data, the classification criteria are not met
Specific Target Organ Toxicity (STOT) — repeated exposure	: Not classified Based on available data, the classification criteria are not met
Aspiration hazard	: Not classified Based on available data, the classification criteria are not met

### 11.2. Information on other hazards

Information on possible routes of exposure	: Oral, dermal, inhalative
Early onset symptoms related to exposure	: No additional information available
Delayed health effects from exposure	: No additional information available
Exposure levels and health effects	: No additional information available
Interactive effects	: None known.
Mixtures of chemicals	: No additional information available
Other information	: No additional information available

## Section 12: Ecological information

### 12.1. Ecotoxicity

Acute aquatic toxicity	: Not classified
Chronic aquatic toxicity	: Harmful to aquatic life with long lasting effects.

N-1-naphthylaniline (90-30-2)	
LC50 fish	0.44 mg/l 96 h, Oncorhynchus mykiss
EC50 crustacea	0.3 mg/l 48 h, Daphnia magna
EC50 algae	0.93 mg/l 96 h, Raphidocelis subcapitata
NOEC chronic crustacea	0.032 mg/l 21 d, Daphnia magna
EC50 microorganism	> 10000 mg/l 3 h, activated sludge

### 12.2. Persistence and degradability

N-1-naphthylaniline (90-30-2)	
Persistence and degradability	Not readily biodegradable.
Biodegradation	0 % 28 d, (OECD 301 C)

### 12.3. Bioaccumulative potential

N-1-naphthylaniline (90-30-2)	
Partition coefficient n-octanol/water (Log Pow)	4.28 (20 °C)

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

No additional information available

## Section 13: Disposal considerations

### 13.1. Disposal methods

Regional legislation (waste)	: Dispose in a safe manner in accordance with local/national regulations.
Waste treatment methods	: Do not empty into drains. Dispose of this material and its container in a safe way.

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### Section 14: Transport information

In accordance ADG / IMDG / IATA

#### 14.1. UN number

UN-No. (ADG) : Not applicable  
UN-No. (IMDG) : Not applicable  
UN-No. (IATA) : Not applicable

#### 14.2. Proper Shipping Name or Technical Name

Proper Shipping Name (ADG) : Not applicable  
Proper Shipping Name (IMDG) : Not applicable  
Proper Shipping Name (IATA) : Not applicable

#### 14.3. Transport hazard class

##### ADG

Transport hazard class(es) (ADG) : Not applicable

##### IMDG

Transport hazard class(es) (IMDG) : Not applicable

##### IATA

Transport hazard class(es) (IATA) : Not applicable

#### 14.4. Packing group number

Packing group (ADG) : Not applicable  
Packing group (IMDG) : Not applicable  
Packing group (IATA) : Not applicable

#### 14.5. Environmental hazards for transport purposes

Dangerous for the environment : No  
Marine pollutant : No  
Other information : No supplementary information available.

#### 14.6. Special precautions for user

##### Transport by road and rail (ADG)

Not applicable

##### Transport by sea (IMDG)

Not applicable

##### Air transport (IATA)

Not applicable

#### 14.7. Additional information

No additional information available

#### 14.8. Hazchem or Emergency Action Code

Not applicable

### Section 15: Regulatory information

#### 15.1. Safety, health and environmental regulations

##### Rotterdam Convention on the Prior Informed Consent Procedure for Certain Hazardous Chemicals and Pesticides in International Trade

Contains no substance(s) subject to the Rotterdam Convention.

##### Stockholm Convention on Persistent Organic Pollutants

Contains no substance(s) subject to the Stockholm Convention.

##### Montreal Protocol on Substances that Deplete the Ozone Layer

Contains no substance(s) subject to the Montreal Protocol.

##### Work Health and Safety Regulations 2011

Contains no restricted hazardous chemicals according to Schedule 10, table 10.3 of the Work Health and Safety Regulations 2011.

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### Section 16: Any other relevant information

Data sources : Work Health and Safety Regulations 2011 (Select Legislative Instrument No. 262, 2011) as amended and in force, dated 1 September 2024, in conjunction with the Work Health and Safety Amendment (Chemicals Labelling) Regulations 2023 dated 13 December 2023.

Date of preparation or review : 06/11/2024

Changes compared to the previous version : -

Key abbreviations or acronyms used:

ADG	Australian Code for the Transport of Dangerous Goods by Road & Rail
EC50	The effective concentration of substance that causes 50% of the maximum response (Median Effective Concentration)
IATA	International Air Transport Association
IMDG	“International Maritime Dangerous Goods Code” for the transport of dangerous goods by sea
LC50	Lethal Concentration to 50 % of a test population (Median Lethal Concentration)
LD50	Lethal Dose to 50% of a test population (Median Lethal Dose)
OECD	Organisation for Economic Cooperation and Development
WHS Regulations	Work Health and Safety Regulations 2011 (Select Legislative Instrument No. 262, 2011)

Full text of H-phrases:

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment - Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment - Chronic Hazard, Category 1
Skin Sens. 1B	Skin sensitisation, Category 1B
STOT RE 2	Specific target organ toxicity - Repeated exposure, Category 2
H302	Harmful if swallowed.
H317	May cause an allergic skin reaction.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

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.