

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 - GB



KUKKO special grease KSF-69

Version 1.2

Revision Date 27.03.2017

Print Date 01.06.2017

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name : **KSF-69** Art.No.: 699915, 699904 and 699975

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

Use of the Substance/Mixture : Lubricant

Recommended restrictions on use : Restricted to professional users.

1.3 Details of the supplier of the safety data sheet

KUKKO Werkzeugfabrik
Kleinbongartz & Kaiser oHG
Heinrich-Hertz-Str. 5
40721 Hilden
GERMANY

E-mail address : info@kukko.com • www.kukko.com
Responsible/issuing person

National contact : Phone: +49 (0) 2103 9754-300

1.4 Emergency telephone number

Phone: +49 (0) 551 19240

2. Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture.

Classification (67/548/EEC, 1999/45/EC)

Not a hazardous substance or mixture.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture.

Additional Labelling:

EUH210 Safety data sheet available on request.

2.3 Other hazards

3. Composition/information on ingredients

3.2 Mixtures

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 - GB



KUKKO special grease **KSF-69**

Version 1.2

Revision Date 27.03.2017

Print Date 01.06.2017

Chemical nature : Mineral oil.
solid lubricant

Hazardous components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification (67/548/EEC)	Classification (REGULATION (EC) No 1272/2008)	Concentration [%]
Kaolin, calcined	92704-41-1 296-473-8	R66 Xi; R36/37	Eye Irrit. 2; H319 STOT SE 3; H335	>= 1 - < 10
Benzenamine, N- phenyl-, styrenated	68442-68-2 270-485-3	R52/53	Aquatic Chronic 3; H412	>= 1 - < 2.5

For the full text of the R-phrases mentioned in this Section, see Section 16.

For the full text of the H-Statements mentioned in this Section, see Section 16.

4. First aid measures

4.1 Description of first aid measures

- If inhaled : Remove person to fresh air. If signs/symptoms continue, get medical attention.
Keep patient warm and at rest.
If breathing is irregular or stopped, administer artificial respiration.
- In case of skin contact : Remove contaminated clothing. If irritation develops, get medical attention.
In case of contact, immediately flush skin with plenty of water.
- In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 10 minutes.
If eye irritation persists, consult a specialist.
- If swallowed : Move the victim to fresh air.
Do not induce vomiting without medical advice.

4.2 Most important symptoms and effects, both acute and delayed

- Symptoms : No information available.
- Risks : None known.

4.3 Indication of any immediate medical attention and special treatment needed

- Treatment : No information available.

5. Firefighting measures

5.1 Extinguishing media

- Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or



KUKKO special grease KSF-69

Version 1.2

Revision Date 27.03.2017

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carbon dioxide.

Unsuitable extinguishing media : High volume water jet

5.2 Special hazards arising from the substance or mixture

Specific hazards during firefighting : Fire may cause evolution of:
Carbon oxides
Metal oxides
Nitrogen oxides (NOx)

5.3 Advice for firefighters

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment. In the case of respirable dust and/or fumes, use self-contained breathing apparatus. Exposure to decomposition products may be a hazard to health.

Further information : Standard procedure for chemical fires.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Evacuate personnel to safe areas. Use the indicated respiratory protection if the occupational exposure limit is exceeded and/or in case of product release (dust). Avoid breathing dust. Refer to protective measures listed in sections 7 and 8.

6.2 Environmental precautions

Environmental precautions : Try to prevent the material from entering drains or water courses. Local authorities should be advised if significant spillages cannot be contained.

6.3 Methods and materials for containment and cleaning up

Methods for cleaning up : Clean up promptly by sweeping or vacuum. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For personal protection see section 8.

7. Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 - GB



KUKKO special grease **KSF-69**

Version 1.2

Revision Date 27.03.2017

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Wash hands and face before breaks and immediately after handling the product.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Store in original container.
Keep container closed when not in use.
Keep in a dry, cool and well-ventilated place.
Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Store in accordance with the particular national regulations.
Keep in properly labelled containers.

7.3 Specific end use(s)

: Consult the technical guidelines for the use of this substance/mixture.

8. Exposure controls/personal protection

8.1 Control parameters

Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Engineering measures

Maintain air concentrations below occupational exposure standards.

Personal protective equipment

Respiratory protection : Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines.
Filter type A-P

Hand protection : For prolonged or repeated contact use protective gloves.
The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.
The break through time depends amongst other things on the material, the thickness and the type of glove and therefore has to be measured for each case.
In case of contact through splashing:

: Nitrile rubber
Protective index Class 1

Eye protection : Tightly fitting safety goggles

Hygiene measures : Wash face, hands and any exposed skin thoroughly after

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 - GB



KUKKO special grease **KSF-69**

Version 1.2

Revision Date 27.03.2017

Print Date 01.06.2017

handling.

Protective measures : The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place.

Environmental exposure controls

General advice : Try to prevent the material from entering drains or water courses.
Local authorities should be advised if significant spillages cannot be contained.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form : paste

Colour : green

Odour : like fruit

Odour Threshold : No data available

pH : Not applicable

Melting point/range : No data available

Boiling point/boiling range : No data available

Flash point : > 100 °C, Test Method: closed cup

Evaporation rate : No data available

Flammability (solid, gas) : Combustible Solids

Lower explosion limit : No data available

Upper explosion limit : No data available

Vapour pressure : < 0.1 hPa, 20 °C

Relative vapour density : No data available

Density : 0.94 g/cm³, 20 °C

Water solubility : insoluble

Solubility in other solvents : No data available

Partition coefficient: n-octanol/water : No data available

Auto-ignition temperature : No data available

Ignition temperature : No data available

Thermal decomposition : No data available

Viscosity, dynamic : No data available

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 - GB



KUKKO special grease **KSF-69**

Version 1.2

Revision Date 27.03.2017

Print Date 01.06.2017

Viscosity, kinematic : Not applicable
Explosive properties : Not explosive
Oxidizing properties : No data available

9.2 Other information

Sublimation point : No data available
Bulk density : No data available

10. Stability and reactivity

10.1 Reactivity

No hazards to be specially mentioned.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

Hazardous reactions : No dangerous reaction known under conditions of normal use.

10.4 Conditions to avoid

Conditions to avoid : No conditions to be specially mentioned.

10.5 Incompatible materials

Materials to avoid : No materials to be especially mentioned.

10.6 Hazardous decomposition products

Hazardous decomposition products : No decomposition if stored and applied as directed.

11. Toxicological information

11.1 Information on toxicological effects

Product

Acute oral toxicity : This information is not available.
Acute inhalation toxicity : This information is not available.
Acute dermal toxicity : Acute toxicity estimate: > 2,000 mg/kg, Calculation method
Skin corrosion/irritation : This information is not available.
Serious eye damage/eye irritation : This information is not available.
Respiratory or skin sensitisation : This information is not available.
Germ cell mutagenicity
Genotoxicity in vitro : No data available
Genotoxicity in vivo : No data available

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 - GB



KUKKO special grease **KSF-69**

Version 1.2

Revision Date 27.03.2017

Print Date 01.06.2017

Carcinogenicity	:	No data available
Reproductive toxicity	:	No data available
Teratogenicity	:	No data available
Repeated dose toxicity	:	This information is not available.
Aspiration toxicity	:	This information is not available.
Further information	:	Information given is based on data on the components and the toxicology of similar products.

Components:

Kaolin, calcined :

Acute inhalation toxicity	:	The substance or mixture is classified as specific target organ toxicant, single exposure, category 3 with respiratory tract irritation.
Skin corrosion/irritation	:	Result: Repeated exposure may cause skin dryness or cracking.
Serious eye damage/eye irritation	:	Result: Irritating to eyes.
STOT - single exposure	:	Exposure routes: Inhalation Assessment: The substance or mixture is classified as specific target organ toxicant, single exposure, category 3 with respiratory tract irritation.

12. Ecological information

12.1 Toxicity

Product:

Toxicity to fish	:	No data available
Toxicity to daphnia and other aquatic invertebrates	:	No data available
Toxicity to algae	:	No data available
Toxicity to bacteria	:	No data available

Components:

Benzenamine, N-phenyl-, styrenated :

Ecotoxicology Assessment

Acute aquatic toxicity	:	Harmful to aquatic life.
Chronic aquatic toxicity	:	Harmful to aquatic life with long lasting effects.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 - GB



KUKKO special grease **KSF-69**

Version 1.2

Revision Date 27.03.2017

Print Date 01.06.2017

12.2 Persistence and degradability

Product:

Biodegradability :
No data available

Physico-chemical
removability : No data available

12.3 Bioaccumulative potential

Product:

Bioaccumulation :
This mixture contains no substance considered to be persistent, bioaccumulating and toxic (PBT)., This mixture contains no substance considered to be very persistent and very bioaccumulating (vPvB).

12.4 Mobility in soil

Product:

Mobility : No data available

Distribution among
environmental compartments : No data available

12.5 Results of PBT and vPvB assessment

Product:

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects

Product:

Additional ecological
information : No information on ecology is available.

13. Disposal considerations

13.1 Waste treatment methods

Product : The product should not be allowed to enter drains, water courses or the soil.

: Waste codes should be assigned by the user based on the application for which the product was used.

Contaminated packaging : Empty containers can be landfilled, when in accordance with the local regulations.

14. Transport information

14.1 UN number ADR

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 - GB



KUKKO special grease **KSF-69**

Version 1.2

Revision Date 27.03.2017

Print Date 01.06.2017

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

14.2 Proper shipping name

ADR

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

14.3 Transport hazard class

ADR

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

14.4 Packing group

ADR

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

14.5 Environmental hazards

ADR

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

14.6 Special precautions for user

No special precautions required.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Remarks : Not applicable for product as supplied.

15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59) : This product does not contain substances of very high concern (Regulation (EC) No 1907/2006 (REACH), Article 57).

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 - GB



KUKKO special grease **KSF-69**

Version 1.2

Revision Date 27.03.2017

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Major Accident Hazard : 96/82/EC Update:
Legislation : Not applicable

Directive 2010/75/EU of 24 : Volatile organic compounds (VOC) content: 0.13 %
November 2010 on industrial : VOC content excluding water
emissions (integrated
pollution prevention and
control)

15.2 Chemical safety assessment

This information is not available.

16. Other information

Full text of R-phrases referred to under sections 2 and 3

R36/37 Irritating to eyes and respiratory system.
R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R66 Repeated exposure may cause skin dryness or cracking.

Full text of H-Statements referred to under sections 2 and 3.

H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
H412 Harmful to aquatic life with long lasting effects.

Further information

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