

SAFETY DATA SHEET

DETERGENT K

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name DETERGENT K
Product number 569

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

Identified uses Built Laundry Liquid Detergent

1.3. Details of the supplier of the safety data sheet

Supplier Gillman's Commercial
Mercia Road,
St. Oswald's Road
Gloucester
GL1 2SG
01452 509050

1.4. Emergency telephone number 01452 509050 or 07551 154 270

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

Physical hazards

Not Classified Not Classified

Health hazards

Not Classified Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Elicitation - EUH208

Environmental hazards

Not Classified Not Classified

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

Xi;R36.

2.2. Label elements

Pictogram



Signal word

Warning

Hazard statements

H315 Causes skin irritation.
H319 Causes serious eye irritation.
EUH208 Contains LAUNDRY FRAGRANCE. May produce an allergic reaction.

Precautionary statements

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P264 Wash contaminated skin thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 IF ON SKIN: Wash with plenty of water.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P321 Specific treatment (see medical advice on this label). P332+P313

If skin irritation occurs: Get medical advice/attention. P337+P313 If eye

irritation persists: Get medical advice/attention. P362+P364 Take off

contaminated clothing and wash it before reuse.

2.3. Other hazards**SECTION 3: Composition/information on ingredients****3.2. Mixtures**

SODIUM TRIPOLYPHOSPHATE	5-10%
CAS number: 7758-29-4 EC number: —	
Classification Not Classified	Classification (67/548/EEC or 1999/45/EC) -
SODIUM CARBONATE	5-10%
CAS number: 497-19-8 EC number: 207-838-8	
Classification Eye Irrit. 2 - H319	Classification (67/548/EEC or 1999/45/EC) Xi;R36
SODIUM ALKYL BENZENE SULPHONATE	1-5%
CAS number: — EC number: —	
Classification Not Classified	Classification (67/548/EEC or 1999/45/EC) Xi;R36/38.
SODIUM ALKYL ETHOXY SULPHATE	1-5%
CAS number: 68585-34-2 EC number: —	
Classification Not Classified	Classification (67/548/EEC or 1999/45/EC) Xi;R36/38.
POTASSIUM HYDROXIDE 1-5%	
CAS number: 1310-58-3 EC number: 215-181-3	
Classification Skin Corr. 1A - H314 Acute Tox. 4 - H302	Classification (67/548/EEC or 1999/45/EC) C;R35 Xn;R22

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ETHOXYLATED ALIPHATIC ALCOHOL 1-5%	
CAS number: — EC number: — M factor (Acute) = 1	
Classification Acute Tox. 4 - H302 Acute Tox. 4 - H312 Eye Dam. 1 - H318 Aquatic Acute 1 - H400 Aquatic Chronic 2 - H411	Classification (67/548/EEC or 1999/45/EC) Xi;R41. N;R50.
TRIETHANOLAMINE ALKYL SULPHATE 1-5%	
CAS number: 68908-44-1 EC number: 272-675-1	
Classification Skin Irrit. 2 - H315 Eye Dam. 1 - H318	Classification (67/548/EEC or 1999/45/EC) Xi;R38,R41.
LAUNDRY FRAGRANCE <1%	
CAS number: — EC number: —	
Classification Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Aquatic Chronic 2 - H411	Classification (67/548/EEC or 1999/45/EC) Xi;R38. N;R51/53. R43.
Distyryl biphenyl compound <1%	
CAS number: 27344-41-8 EC number: 248-421-0	
Classification Eye Irrit. 2 - H319	Classification (67/548/EEC or 1999/45/EC) Xi;R36.
ISOTHIAZOL DERIVATIVE <1%	
CAS number: — EC number: —	
Classification Not Classified	Classification (67/548/EEC or 1999/45/EC) C;R34. R43,R52/53.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures**4.1. Description of first aid measures****General information**

Get medical attention if any discomfort continues.

Inhalation

Move affected person to fresh air at once. Get medical attention if any discomfort continues.

Ingestion

Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention if any discomfort continues.

Skin contact

Remove affected person from source of contamination. Get medical attention if irritation persists after washing.

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Eye contact

Remove any contact lenses and open eyelids wide apart. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed

General information

The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Inhalation

Unlikely to occur

Ingestion

May cause stomach pain or vomiting.

Skin contact

Prolonged skin contact may cause redness and irritation.

Eye contact

May cause temporary eye irritation.

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor

Treat symptomatically.

SECTION 5: Firefighting

measures

5.1. Extinguishing media

Suitable extinguishing media

The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products

None at ambient temperatures.

5.3. Advice for firefighters

Protective actions during firefighting

No specific fire fighting precautions known.

SECTION 6: Accidental release

measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions

Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Environmental precautions

Do not discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up

Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses.

6.4. Reference to other sections

Reference to other sections

Wear protective clothing as described in Section 8 of this safety data sheet.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions

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Avoid spilling. Avoid contact with skin and eyes.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions

Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep only in the original container.

7.3. Specific end use(s)

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

SODIUM CARBONATE

Short-term exposure limit (15-minute): 4 mg/m³

POTASSIUM HYDROXIDE

Long-term exposure limit (8-hour TWA): WEL

Short-term exposure limit (15-minute): WEL 2 mg/m³

WEL = Workplace Exposure Limit

Ingredient comments

OES = Occupational Exposure Standard. MEL = Maximum Exposure Limit.

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate general and local exhaust ventilation.

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles or face shield.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

Other skin and body protection

Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures

Do not smoke in work area. Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance

Opaque liquid. Liquid.

Colour

Off white to Pale Yellow

Odour

Floral

Relative density

1.180 - 1.200 @ @ 20 °C

Solubility(ies)

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Soluble in water.

Viscosity

1500 - 2500 cP @ @ 20 °c°C

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability

Stable at normal ambient temperatures.

10.3. Possibility of hazardous reactions

None Known

10.4. Conditions to avoid

Avoid excessive heat for prolonged periods of time.

10.5. Incompatible materials

10.6. Hazardous decomposition products

Fire creates: Carbon monoxide (CO). Carbon dioxide (CO₂).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

ATE oral (mg/kg)

33,333.33333333

Acute toxicity - dermal

ATE dermal (mg/kg)

200000.0

General information

No specific health hazards known.

Acute and chronic health hazards

Irritating to eyes.

SECTION 12: Ecological Information

Ecotoxicity

Not regarded as dangerous for the environment.

12.1. Toxicity

No information available

12.2. Persistence and degradability

Persistence and degradability

The product contains mainly inorganic substances which are not biodegradable. The other substances in the product are expected to be readily biodegradable.

12.3. Bioaccumulative potential

Not expected to bioaccumulate

12.4. Mobility in soil

Mobility

The product is soluble in water.

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12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

General Not hazardous for road transport

Rail transport notes Not classified.

Sea transport notes Not classified.

Air transport notes Not classified.

14.1. UN number

UN No. (ADR/RID) 0

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

SECTION 15: Regulatory information

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

National regulations

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

Guidance

Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG228. Approved Classification and Labelling Guide (Sixth edition) L131.

15.2. Chemical safety assessment

SECTION 16: Other information

General information

This information is given in good faith and is based upon current available data. The suitability of this product for any particular use is not suggested. The user must determine if the product is correct for any particular application. This document is not a specification. Conforms to 1907/2006/EC

Revision date 12/02/2015

Revision 01

SDS number 569

Risk phrases in full

DETERGENT K

NC Not classified. R34

Causes burns. R36

Irritating to eyes.

R36/38 Irritating to eyes and skin.

R38 Irritating to skin.

R41 Risk of serious damage to eyes.

R43 May cause sensitisation by skin contact.

R50 Very toxic to aquatic organisms.

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Hazard statements in full

EUH208 Contains LAUNDRY FRAGRANCE. May produce an allergic reaction.

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H400 Very toxic to aquatic life.

H411 Toxic to aquatic life with long lasting effects.