

Safety data sheet
according to EC 1907/2006

Printing date 17.05.2011


Version number 4

Revision 17.05.2011

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

- **Product identifier**
- **Brandname:** SUMA COFFEECLEAN L62
- **Relevant identified uses of the substance or mixture and uses advised against**
- **Application of the product:** Professional kitchen hygiene product.
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Diversey BV
Maarssebroeksedijk 2
3542 DN Utrecht, Netherlands
Tel. +31 (0)30-2476911
Email: MSDS.JD-NL@johnsondiversey.com
- **Information department:** Local Technical Centre
- **Emergency telephone number:** See section 16 of this sheet.

2 Hazards identification

- **Classification of the substance or mixture**
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**
 C; Corrosive
R34: Causes burns.
R31: Contact with acids liberates toxic gas.
- **Classification system:**
The classification complies with current EC regulations on dangerous substances and preparations.
- **Label elements**
- **Labelling according to EU guidelines:**
The product has been classified and labelled in accordance with current EC Directives.
- **Code letter and hazard designation of product:**



- **Hazard-determining components of labelling:**
potassium hydroxide
- **Risk phrases:**
31 Contact with acids liberates toxic gas.
34 Causes burns.
- **Safety phrases:**
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
28 After contact with skin, wash immediately with plenty of water.
36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.

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· **vPvB:** Not applicable.

3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **Description:** Mixture in water of non-dangerous ingredients and the substances listed below.

- **Hazardous ingredients:**

CAS: 1310-58-3 EINECS: 215-181-3	potassium hydroxide	C R35; Xn R22	< 5%
CAS: 7681-52-9 EINECS: 231-668-3	sodium hypochlorite	C R34; N R50 R31	< 5%

- **Additional information:** The full text of the relevant risk phrases is given in section 16.

4 First aid measures

- **Description of first aid measures**
- **General information:** Remove contaminated clothing immediately.
- **Inhalation:** In case of unconsciousness bring patient into stable side position for transport.
- **Skin contact:**
Wash skin immediately and thoroughly with water. Remove contaminated clothing.
Obtain medical attention if symptoms develop.
- **Eye contact:** Wash immediately with copious amounts of water and obtain medical attention.
- **Ingestion:**
Remove material from mouth. Drink one or two glasses of water or milk and obtain medical attention without delay.

5 Firefighting measures

- **Extinguishing media**
- **Suitable extinguishing media:**
CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.
- **Advice for firefighters**
- **Protective equipment:** Put on breathing apparatus.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Put on breathing device.
Wear suitable protective clothing, gloves and eye/face protection.
- **Environmental precautions:** Dilute with plenty of water.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, universal binders, sawdust).
Dispose of the collected material according to the regulations.
- **Reference to other sections**
See Section 8 for information on personal protection equipment.

7 Handling and storage

- **Precautions for safe handling** Use common rules for working with chemicals.

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- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Requirements for storage rooms and containers:** According to local legislation.
- **Storage in one common storage facility:**
Do not store together with acids.
According to local legislation.
- **Further information about storage conditions:** None.

8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see section 7.
- **Control parameters**

· **Components with limit values that require monitoring at the workplace:**

1310-58-3 potassium hydroxide (< 5%)

WEL (Great Britain) | Short-term value: 2 mg/m³

- **Additional information:** The lists that were valid during the compilation were used as basis.
- **Exposure controls**
- **Personal protective equipment**
- **General protective and hygienic measures:**
Keep away from foodstuffs, beverages and food.
Take off immediately all contaminated clothing.
Wash hands during breaks and at the end of the work.
Avoid contact with the eyes and skin.
- **Breathing equipment:** Personal protection is not normally required.
- **Protection of hands:**
Chemical-resistant protective gloves made of butyl or nitrile rubber (EN 374, category III). In consultation with the supplier of protective gloves a different type of similar quality may be chosen.
- **Eye protection:** Tightly fitting safety glasses.

9 Physical and chemical properties

- **Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**
 - Form:** Liquid
 - Colour:** Clear
Pale yellow
- **Odour:** Chlorine-like
- **pH-value:** pH > 12.5 UMA B.II.a4
- **Change in condition**
 - Melting point/Melting range:** Not determined
 - Boiling point/Boiling range:** Not determined
- **Flash point:** Not applicable.
- **Spontaneous combustion:** Product is not self igniting.
- **Explosive properties:** Product is not explosive.
- **Density at 20°C:** 1.19 g/cm³

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- **Solubility in / Miscibility with Water:** Fully miscible

10 Stability and reactivity

- **Reactivity**
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions**
Reacts with acids releasing chlorine
Exothermic reaction with acids.
- **Hazardous decomposition products:** Chlorine

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- **LD50 (oral):**
Based on the toxicological classification the LD50 (oral) is estimated to be 200-2000 mg/kg.
This value is of no practical significance due to the corrosive nature of the product.
- **Primary irritant effect:**
- **skin contact:** Causes burns.
- **eye contact:** Causes severe or permanent damage.
- **inhalation:**
Severe irritant, may cause pulmonary oedema and may cause bronchospasm in chlorine sensitive individuals.
- **ingestion:**
Causes burns.
Ingestion will lead to a strong caustic effect on mouth and throat and to the danger of perforation of esophagus and stomach.
- **Additional toxicological information:**
EC classification:
Corrosive
- **Sensitisation** No known effects.

12 Ecological information

- **General notes:** Must not reach sewage water or drainage ditch undiluted or unneutralized.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**
Must not be disposed of together with domestic waste. Do not allow undiluted product to reach sewage system.

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· **European waste catalogue:**

20 01 15* alkalines

- **Uncleaned packagings**
- **Recommendation:** Dispose of observing official regulations.
- **Recommended cleaning agent:** Water, if necessary with cleaning agent.

14 Transport information· **Land transport ADR/RID (cross-border)**

- **ADR/RID Class:** 8 Corrosive substances.
- **Kepler Number:** 80
- **UN-Number:** 1719
- **Packaging group:** III
- **Label:** 8
- **UN proper shipping name:** 1719 CAUSTIC ALKALI LIQUID, N.O.S. (POTASSIUM HYDROXIDE, HYPOCHLORITE)

· **Maritime transport IMDG:**

- **IMDG Class:** 8
- **UN Number:** 1719
- **Label:** 8
- **Packaging group:** III
- **EmS number:** F-A,S-B
- **Proper Shipping Name:** CAUSTIC ALKALI LIQUID, N.O.S. (POTASSIUM HYDROXIDE, HYPOCHLORITE)

· **Air transport ICAO-TI and IATA-DGR:**

- **ICAO/IATA Class:** 8
- **UN/ID Number:** 1719
- **Label:** 8
- **Packaging group:** III
- **Proper Shipping Name:** CAUSTIC ALKALI LIQUID, N.O.S. (POTASSIUM HYDROXIDE, HYPOCHLORITE)

15 Regulatory information· **Safety, health and environmental regulations/legislation specific for the substance or mixture**· **Ingredients according to EC Detergents Regulation 648/2004**

phosphates

5 - 15%

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chlorine-based bleaching agents, phosphonates

< 5%

· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

The information in this document is based on our best present knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally binding contract.

· **Relevant phrases**

R22 Harmful if swallowed.

R31 Contact with acids liberates toxic gas.

R34 Causes burns.

R35 Causes severe burns.

R50 Very toxic to aquatic organisms.

· **Department issuing material safety data sheet:** Local Technical Centre

· **Contact:** Local Technical Centre

· **International references:**

· **MSDS code:**

· **Version:** 4

· **MSDS review date:** 17.05.2011

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