

**Safety data sheet**  
**according to EC 1907/2006**

Printing date 17.05.2011



Version number 5

Revision 17.05.2011

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

- **Product identifier**
- **Brandname:** SUMA ALCOHOLDOEKJES
- **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**
-  **F; Highly flammable**  
R11: Highly flammable.
- **Information concerning particular hazards for human and environment:** void
- **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:**
-  **F Highly flammable**
- **Risk phrases:**  
11 Highly flammable.
- **Safety phrases:**  
9 Keep container in a well-ventilated place.  
16 Keep away from sources of ignition - No smoking.
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

## 3 Composition/information on ingredients

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

(Contd. on page 2)

**for information only**

## Safety data sheet according to EC 1907/2006

Printing date 17.05.2011

Version number 5

Revision 17.05.2011

**Brandname: SUMA ALCOHOLDOEKJES**

(Contd. of page 1)

**· Hazardous ingredients:**

CAS: 67-63-0	propan-2-ol	Xi R36; F R11	< 5%
EINECS: 200-661-7		R67	

**· 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:** No special measures required.
- **Inhalation:** No special measures required.
- **Skin contact:** No special measures required.
- **Eye contact:** Wash immediately with copious amounts of water.
- **Ingestion:**  
Rinse out mouth and then drink one or two glasses of water (or milk).  
In case of persistent symptoms obtain medical attention.
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### 5 Firefighting measures

- **Extinguishing media**
- **Suitable extinguishing media:**  
CO<sub>2</sub>, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.

### 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**  
Wear suitable protective clothing, gloves and eye/face protection.
- **Environmental precautions:**  
Prevent material from reaching sewage system, drains and cellars.  
Dilute with plenty of water.
- **Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, universal binders, sawdust).
- **Reference to other sections**  
See Section 7 for information on safe handling  
See Section 8 for information on personal protection equipment.  
See Section 13 for information on disposal.

### 7 Handling and storage

- **Precautions for safe handling** Use common rules for working with chemicals.
- **Information about protection against explosions and fires:**  
Keep ignition sources away - Do not smoke.  
Protect against electrostatic charges.

(Contd. on page 3)

# for information only

## Safety data sheet according to EC 1907/2006

Printing date 17.05.2011

Version number 5

Revision 17.05.2011

**Brandname: SUMA ALCOHOLDOEKJES**

(Contd. of page 2)

- **Conditions for safe storage, including any incompatibilities**
- **Requirements for storage rooms and containers:**  
Store in cool location.  
According to local legislation.
- **Storage in one common storage facility:** According to local legislation.
- **Further information about storage conditions:** Keep container tightly sealed.
- **Specific end use(s)** No further relevant information available.

### 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:**

**64-17-5 ethanol ( $\geq 30\%$ )**

WEL (Great Britain)	Long-term value: 1920 mg/m <sup>3</sup> , 1000 ppm
---------------------	--

**67-63-0 propan-2-ol (< 5%)**

WEL (Great Britain)	Short-term value: 1250 mg/m <sup>3</sup> , 500 ppm Long-term value: 999 mg/m <sup>3</sup> , 400 ppm
---------------------	--

- **Additional information:** The lists that were valid during the compilation were used as basis.
- **Exposure controls**
- **Personal protective equipment**
- **General protective and hygienic measures:**  
The usual precautionary measures for handling chemicals should be complied with.
- **Breathing equipment:** Personal protection is not normally required.
- **Protection of hands:** In normal use hand protection is not required.
- **Eye protection:**  
Safety glasses are not normally required. However, their use is recommended in those cases where handling the undiluted product involves a risk of splashing.

### 9 Physical and chemical properties

- **Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**
  - Form:** Liquid on inert carrier material
  - Colour:** Clear
  - Odour:** Characteristic
  - Odour threshold:** Not determined.
- **pH-value:** Not determined.
- **Change in condition**
  - Melting point/Melting range:** Not determined
  - Boiling point/Boiling range:** 80°C
- **Flash point:** 12°C (Pensky M. cc)
- **Ignition temperature:**
  - Decomposition temperature:** Not determined.
- **Spontaneous combustion:** Product is not self igniting.

(Contd. on page 4)

# for information only

**Safety data sheet**  
according to EC 1907/2006

Printing date 17.05.2011

Version number 5

Revision 17.05.2011

**Brandname: SUMA ALCOHOLDOEKJES**

(Contd. of page 3)

- **Explosive properties:** *Product is not explosive.*
- **Critical values for explosion:**
  - Lower:** *Not determined.*
  - Upper:** *Not determined.*
- **Vapour pressure:** *Not determined.*
- **Density at 20°C:** *0.8 g/cm<sup>3</sup>*
- **Relative density:** *Not determined.*
- **Vapour density:** *Not determined.*
- **Evaporation rate:** *Not determined.*
- **Solubility in / Miscibility with Water:** *Fully miscible*
- **Segregation coefficient (n-octanol/water):** *Not determined.*
- **Viscosity:**
  - dynamic:** *Not determined.*
  - kinematic:** *Not determined.*
- **Other information** *No further relevant information available.*

### 10 Stability and reactivity

- **Reactivity**
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** *No decomposition if used according to specifications.*
- **Possibility of hazardous reactions** *No dangerous reactions known*
- **Conditions to avoid** *No further relevant information available.*
- **Incompatible materials:** *No further relevant information available.*
- **Hazardous decomposition products:** *No dangerous decomposition products known.*

### 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- **LD50 (oral):** *Based on the toxicological classification the LD50 (oral) is estimated to be > 2000 mg/kg.*
- **Primary irritant effect:**
- **skin contact:** *Unlikely to be irritant in normal use.*
- **eye contact:** *Unlikely to be irritant in normal use.*
- **inhalation:** *Not applicable.*
- **ingestion:** *Unlikely to be harmful unless excessive amount ingested.*
- **Additional toxicological information:**  
*The product is not subject to labelling requirements for toxicological properties or human health effects under the EC Dangerous Substances and Preparations Directives.*  
*When used and handled according to instructions, the product is unlikely to have any harmful effects.*
- **Sensitisation** *No known effects.*

### 12 Ecological information

- **Persistence and degradability** *No further relevant information available.*
- **Bioaccumulative potential** *No further relevant information available.*
- **Mobility in soil** *No further relevant information available.*

(Contd. on page 5)

**for information only**

**Safety data sheet**  
according to EC 1907/2006

Printing date 17.05.2011

Version number 5

Revision 17.05.2011

**Brandname: SUMA ALCOHOLDOEKJES**

(Contd. of page 4)

- **General notes:**  
Must not reach sewage water or drainage ditch undiluted or unneutralized.  
When used for its intended purpose this product should not cause adverse effects in the environment.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

### 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:** Dispose of observing official regulations.
- **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:** 3 Flammable liquids.
- **Kepler Number:** 33
- **UN-Number:** 1170
- **Packaging group:** II
- **Label:** 3
- **UN proper shipping name:** 1170 ETHANOL (ETHYL ALCOHOL)
- **Tunnel restriction code** D/E

- **Maritime transport IMDG:**



- **IMDG Class:** 3
- **UN Number:** 1170
- **Label:** 3
- **Packaging group:** II
- **EmS number:** F-E,S-D
- **Marine pollutant:** No
- **Proper Shipping Name:** ETHANOL (ETHYL ALCOHOL)

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



- **ICAO/IATA Class:** 3
- **UN/ID Number:** 1170

(Contd. on page 6)

**for information only**

**Safety data sheet**  
according to EC 1907/2006

Printing date 17.05.2011

Version number 5

Revision 17.05.2011

**Brandname: SUMA ALCOHOLDOEKJES**

(Contd. of page 5)

- **Label:** 3
- **Packaging group:** II
- **Proper Shipping Name:** ETHANOL
- **Transport/Additional information:**  
*Transport regulations include special provisions for certain classes of dangerous goods packed in limited quantities.*
- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.

**15 Regulatory information**

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Ingredients according to EC Detergents Regulation 648/2004** Not applicable.
- **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**  
R11 Highly flammable.  
R36 Irritating to eyes.  
R67 Vapours may cause drowsiness and dizziness.
- **Department issuing material safety data sheet:** Local Technical Centre
- **Contact:** Local Technical Centre
- **International references:**
- **MSDS code:**
- **Version:** 5
- **MSDS review date:** 17.05.2011

**for information only**