

Safety data sheet
 according to EC 1907/2006

Printing date 05.10.2011

Version number 6

Revision 05.10.2011

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

- **Product identifier**
- **Brandname:** SUMA TOTAL D2.4
- **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
 Maarssenbroeksedijk 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 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.
- **Further indications on the label:**
 Rinse and dry hands after use. For prolonged contact protection for the skin may be necessary.
 Safety data sheet available for professional user on request.
- **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.

· **Hazardous ingredients:**

CAS: 69011-36-5 EC number: Polymer	alkyl alcohol ethoxylate	Xn R22; Xi R41	5-15%
CAS: 67-63-0 EINECS: 200-661-7	propan-2-ol	Xi R36; F R11 R67	< 5%
CAS: 110615-47-9 NLP: 500-522-3	alkyl polyglucoside	Xi R38-41	< 5%
CAS: 28348-53-0 EINECS: 248-983-7	sodium cumenesulphonate	Xi R36	< 5%
CAS: 68585-34-2 NLP: 500-223-8	sulphuric acid, mono-C10-16 ethoxylated alkylesters, sodium salt	Xi R38-41	< 5%

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· **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:**
CO₂, 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** Not required.
- **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).
- **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:** 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:** According to local legislation.
- **Further information about storage conditions:** None.
- **Specific end use(s)** No further relevant information available.

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8 Exposure controls/personal protection

- **Control parameters**

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

67-63-0 propan-2-ol

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

Rinse and dry hands after use. For prolonged contact protection for the skin may be necessary.

- **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

Colour: Clear

Green

- **Odour:**

Slightly perfumed

- **Odour threshold:**

Not determined.

- **pH-value:**

7.5 < pH ≤ 8.0

- **Change in condition**

Melting point/Melting range: Not determined

Boiling point/Boiling range: Not determined

- **Flash point:**

Not applicable.

- **Flammability (solid, gaseous):**

Not applicable.

- **Ignition temperature:**

Not determined.

- **Decomposition temperature:**

Not determined.

- **Explosive properties:**

Product is not explosive.

- **Critical values for explosion:**

Lower: Not determined.

Upper: Not determined.

- **Oxidising properties:**

Not oxidising.

- **Vapour pressure:**

Not determined.

- **Density at 20°C:**

1.03 g/cm³

- **Vapour density:**

Not determined.

- **Evaporation rate:**

Not determined.

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- **Solubility in / Miscibility with Water:** Fully miscible
- **Segregation coefficient (n-octanol/water):** Not determined.
- **Viscosity:**
- dynamic:** Not determined.
- **Other information** No further relevant information available.

10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
Stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
- **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.
- **Sensitisation** No known effects.
- **Repeated dose toxicity** No known effects.
- **STOT-single exposure:** No known effects.
- **STOT-repeated exposure:** No known effects.

12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Classification:** This classification refers to the undiluted product.
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

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13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:** Dispose of observing official regulations.

- **European waste catalogue:**

20 01 30	detergents other than those mentioned in 20 01 29
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- **Uncleaned packagings**
- **Recommendation:** Dispose of observing official regulations.
- **Recommended cleaning agent:** Water, if necessary with cleaning agent.

14 Transport information

- **UN-Number**
- **ADR, ADN, IMDG, IATA** void
- **UN proper shipping name**
- **ADR, ADN, IMDG, IATA** void
- **Transport hazard class(es)**
- **ADR, ADN, IMDG, IATA**
- **Class** void
- **Packing group**
- **ADR, IMDG, IATA** void
- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.
- **Transport/Additional information:** Non-dangerous according to above regulations.

15 Regulatory information

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

- **Ingredients according to EC Detergents Regulation 648/2004**

non-ionic surfactants	5 - 15%
anionic surfactants	< 5%
perfumes, Glutaral, Linalool, Geraniol	

- **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.
 R22 Harmful if swallowed.
 R36 Irritating to eyes.
 R38 Irritating to skin.
 R41 Risk of serious damage to eyes.
 R67 Vapours may cause drowsiness and dizziness.
- **Department issuing material safety data sheet:** Local Technical Centre
- **Contact:** Local Technical Centre

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- **International references:**
- **MSDS code:** MSD3240/NL
- **Version:** 6
- **MSDS review date:** 05.10.2011
- **Formulation code:** FM004499

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