

Safety data sheet
according to EC 1907/2006

Printing date 25.10.2011




Version number 7

Revision 25.10.2011

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

- **Product identifier**
- **Brandname:** SUMA ACTIVE M20
- **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**
-  C; Corrosive
 R34: Causes burns.
-  Xi; Irritant
 R37: Irritating to respiratory system.
- R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- **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:**
-  C Corrosive
- **Hazard-determining components of labelling:**
 disodium metasilicate
- **Risk phrases:**
 34 Causes burns.
 37 Irritating to respiratory system.
 52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- **Safety phrases:**
 22 Do not breathe dust.
 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.

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45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

61 Avoid release to the environment. Refer to safety data sheet.

- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **Description:** Powder mixture of non-dangerous ingredients and substances listed below.

- **Hazardous ingredients:**

| | | | |
|--|------------------------------|------------------------------------|-------|
| CAS: 6834-92-0 EINECS: 229-912-9 | disodium metasilicate | C R34; Xi R37 | ≥ 30% |
| CAS: 51580-86-0 EINECS: 220-767-7 | troclosene sodium, dihydrate | Xn R22; Xi R36/37; N R50/53 R31 | < 5% |
| CAS: 111905-54-5 EC number: Polymer | alkyl alcohol alkoxyate | Xi R38; N R50 | < 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:**
Remove from source of exposure. Obtain medical attention if symptoms develop.
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.
- **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.

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6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Wear suitable protective clothing, gloves and eye/face protection.
- **Environmental precautions:** Inform responsible authorities in case product reaches water or sewage system.
- **Methods and material for containment and cleaning up:**
Ensure adequate ventilation.
Collect mechanically.
- **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**
Thorough dedusting.
Prevent formation of dust.
- **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:** Keep container tightly sealed.
- **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- **Control parameters**
- **Components with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **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. However, inhalation of dust, vapour or aerosol should be avoided.
- **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.

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9 Physical and chemical properties

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

Form: Solid

Colour: White

· **Odour:** Characteristic

· **Odour threshold:** Not determined.

· **pH-value:** $12.0 < \text{pH (1\%)} \leq 12.5$

· **Change in condition**

Melting point/Melting range: Not determined

Boiling point/Boiling range: Not determined

· **Flash point:** Not applicable.

· **Flammability (solid, gaseous):** Not determined.

· **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 applicable.

· **Density at 20°C:** 0.85 g/cm³

· **Vapour density:** Not applicable.

· **Evaporation rate:** Not applicable.

· **Solubility in / Miscibility with**

Water: Soluble

· **Segregation coefficient (n-octanol/water):** Not determined.

· **Viscosity:**

dynamic: Not applicable.

kinematic: Not applicable.

· **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** Reacts with acids.

· **Conditions to avoid** No further relevant information available.

· **Incompatible materials:** No further relevant information available.

· **Hazardous decomposition products:** No dangerous decomposition products known.

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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.

· **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

Irritant

· **Sensitisation** No known effects.

· **Repeated dose toxicity** No known effects.

· **STOT-single exposure:** May cause respiratory irritation.

· **STOT-repeated exposure:** No known effects.

12 Ecological information

· **Toxicity**

· **Aquatic toxicity:**

Based on the environmental classification the toxicity for aquatic organisms (as defined in 67/548/EEC, Annex V) is estimated to be 10-100 mg/l.

· **Persistence and degradability** No further relevant information available.

· **Classification:**

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

The classification of the product is due to the component(s) listed in section 3 with an environmental classification (R50 - R53).

This classification refers to the undiluted product.

· **Bioaccumulative potential** No further relevant information available.

· **Mobility in soil** No further relevant information available.

· **General notes:**

Must not reach sewage water or drainage ditch undiluted or unneutralized.

The information in this section refers to the undiluted product.

· **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.

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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

- **UN-Number**
- **ADR, IMDG, IATA** 3253
- **UN proper shipping name**
- **ADR** 3253 DISODIUM TRIOXOSILICATE, MIXTURE
- **IMDG, IATA** DISODIUM TRIOXOSILICATE, MIXTURE
- **Transport hazard class(es)**
- **ADR**



- **Class** 8 Corrosive substances.
- **Label** 8

· **IMDG, IATA**

- **Class** 8 Corrosive substances.
- **Label** 8
- **Packing group**
- **ADR, IMDG, IATA** III
- **Environmental hazards:**
- **Marine pollutant:** No
- **Kemler Number:** 80
- **EmS number:** F-A,S-B
- **Segregation groups** Alkalies
- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.
- **Transport/Additional information:** Transport regulations include special provisions for certain classes of dangerous goods packed in limited quantities.
- **ADR**
- **Tunnel restriction code** E

15 Regulatory information

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

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

phosphates

≥ 30%

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chlorine-based bleaching agents, non-ionic surfactants

< 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.

R36/37 Irritating to eyes and respiratory system.

R37 Irritating to respiratory system.

R38 Irritating to skin.

R50 Very toxic to aquatic organisms.

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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

· **Contact:** Local Technical Centre

· **International references:**

· **MSDS code:** MSDS3371/NL

· **Version:** 7

· **MSDS review date:** 25.10.2011

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