

Safety Data Sheet (MSDS)

2014/07

Alfa GmbH

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Meets the requirements of 91/155/EWG

1. Identification of the substance / mixture	830 Alfa Clewo Wipes Duo+																												
2. Hazards Identification	Classification of the substance or mixture The preparation is not classified as dangerous according to directive 1999/45/EC.																												
3. Composition / Information on ingredients	<p>Chemical characterization: Mixtures Description: Solution of the following components with additional non-hazardous substances.</p> <table border="1" data-bbox="469 786 1461 1653"> <thead> <tr> <th colspan="3" data-bbox="469 786 1461 824">Dangerous components:</th> </tr> </thead> <tbody> <tr> <td data-bbox="469 824 746 920">CAS: 1119-40-0 EINECS: 214-277-2</td> <td data-bbox="746 824 1294 920">Dimethyl glutarate Xi; R36-36/37/38 S26-36-24/25</td> <td data-bbox="1294 824 1461 920">10-50%</td> </tr> <tr> <td data-bbox="469 920 746 1016">CAS: 106-65-0 EINECS: 203-419-9</td> <td data-bbox="746 920 1294 1016">Dimethyl succinate Xi; R36-36/37/38 S26-36-24/25</td> <td data-bbox="1294 920 1461 1016">10-50%</td> </tr> <tr> <td data-bbox="469 1016 746 1113">CAS: 627-93-0 EINECS: 211-020-6</td> <td data-bbox="746 1016 1294 1113">Dimethyl apidate Xi; R36-36/37/38 S26-36-24/25</td> <td data-bbox="1294 1016 1461 1113">10-50%</td> </tr> <tr> <td data-bbox="469 1113 746 1209">CAS: 64-17-5 EINECS: 200-578-6</td> <td data-bbox="746 1113 1294 1209">SD alcohol 40 F; R11 S2-7-16</td> <td data-bbox="1294 1113 1461 1209">9.99-1%</td> </tr> <tr> <td data-bbox="469 1209 746 1305">CAS: 18472-51-0 EINECS: 242-354-0</td> <td data-bbox="746 1209 1294 1305">Chlorhexidine digluconate Xi; R41 N; R50/53 S25-26-39-S60-S61</td> <td data-bbox="1294 1209 1461 1305">9.99-1%</td> </tr> <tr> <td data-bbox="469 1305 746 1402">CAS: 68650-39-5 EINECS: 272-043-5</td> <td data-bbox="746 1305 1294 1402">Dinatrium cocoamphodiacetate Xi, R36/38 S26-37/39</td> <td data-bbox="1294 1305 1461 1402">0.1-0.99%</td> </tr> <tr> <td data-bbox="469 1402 746 1520">CAS: 55965-84-9 EINECS: 220-239-6</td> <td data-bbox="746 1402 1294 1520">Methylisothiazolinone T; N R23/24/25-34-43-50/53 S(2-)-26-28-36/37/39-45-60-61</td> <td data-bbox="1294 1402 1461 1520">0.1-0.99%</td> </tr> <tr> <td data-bbox="469 1520 746 1653">CAS: 55965-84-9 EINECS: 220-239-6</td> <td data-bbox="746 1520 1294 1653">Methychlorolisothiazolinone T; N R23/24/25-34-43-50/53 S(2-)-26-28-36/37/39-45-60-61</td> <td data-bbox="1294 1520 1461 1653">0.1-0.99%</td> </tr> </tbody> </table> <p>Additional information: For the wording of the listed risk phrases refer to section 16.</p>		Dangerous components:			CAS: 1119-40-0 EINECS: 214-277-2	Dimethyl glutarate Xi; R36-36/37/38 S26-36-24/25	10-50%	CAS: 106-65-0 EINECS: 203-419-9	Dimethyl succinate Xi; R36-36/37/38 S26-36-24/25	10-50%	CAS: 627-93-0 EINECS: 211-020-6	Dimethyl apidate Xi; R36-36/37/38 S26-36-24/25	10-50%	CAS: 64-17-5 EINECS: 200-578-6	SD alcohol 40 F; R11 S2-7-16	9.99-1%	CAS: 18472-51-0 EINECS: 242-354-0	Chlorhexidine digluconate Xi; R41 N; R50/53 S25-26-39-S60-S61	9.99-1%	CAS: 68650-39-5 EINECS: 272-043-5	Dinatrium cocoamphodiacetate Xi, R36/38 S26-37/39	0.1-0.99%	CAS: 55965-84-9 EINECS: 220-239-6	Methylisothiazolinone T; N R23/24/25-34-43-50/53 S(2-)-26-28-36/37/39-45-60-61	0.1-0.99%	CAS: 55965-84-9 EINECS: 220-239-6	Methychlorolisothiazolinone T; N R23/24/25-34-43-50/53 S(2-)-26-28-36/37/39-45-60-61	0.1-0.99%
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4. First aid measures	<p>Description of first aid measures</p> <p>After skin contact: Hypersensitivity is rare. Should it occur, flush skin immediately with plenty of water. Seek medical attention where necessary.</p> <p>After eye contact: Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention where necessary.</p>																												

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	<p>After inhalation: Avoid long term inhalation of the liquid. Move the exposed person to fresh air.</p> <p>After swallowing: Not to be kept in the mouth. Clean mouth with water and drink plenty of water afterwards. Seek medical attention where necessary.</p> <p>Do not give anything by mouth to an unconscious or convulsing person.</p> <p>Most important symptoms and effects, both acute and delayed: No further relevant information available.</p> <p>Indication of any immediate medical attention and special treatment needed: Helpline for poisoning symptoms: Poisoning emergency number Erfurt (24 hours, German language only): 0049 (0)361 730730 24 hours medical help over the phone.</p>
<p>5. Firefighting measures</p>	<p>Extinguishing media Suitable extinguishing agents: Determine suitable extinguishing agent considering particular environment.</p> <p>For safety reasons unsuitable extinguishing agents: Carbon dioxide</p> <p>Special hazards arising from the substance or mixture: Burning produces irritating, toxic and disagreeable vapours</p> <p>Advice for firefighters Protective equipment: Wear selfcontained respiratory protective device and full protective clothing</p>
<p>6. Accidental release measures</p>	<p>Personal precautions, protective equipment and emergency procedures None</p> <p>Environmental precautions Do not allow to enter sewers.</p> <p>Methods and material for containment and cleaning up: Sweep and dispose of in suitable, labelled containers Disposal has to be in accordance with local, state or national regulations.</p>
<p>7. Handling and storage</p>	<p>Handling Precautions for safe handling: Avoid contact with eyes. Customary hygiene and safety regulations for handling chemicals have to be observed. Observe best Manual Handling considerations when handling, transporting and dispensing.</p> <p>Storage Conditions for safe storage, including any incompatibilities Requirements for storage rooms and vessels: Store in a cool, dry and well ventilated place. Keep containers tightly closed. Store in correctly labelled containers.</p>

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<p>8. Exposure controls / personal protection</p>	<p>Additional information about design of technical facilities: Engineering measures: No particular engineering measures required.</p> <p>Exposure controls Personal Protective Equipment</p> <p>Respiratory protection: Room should be sufficiently ventilated.</p> <p>Eye protection: Normally not required. Avoid contact with eyes.</p> <p>Protection of body: Normally not required.</p>														
<p>9. Physical and chemical properties</p>	<p>Information on basic physical and chemical properties</p> <p>Properties of the solution:</p> <p>General Information Appearance:</p> <table border="0"> <tr> <td>Form:</td> <td>Liquid</td> </tr> <tr> <td>Colour:</td> <td>Milky</td> </tr> <tr> <td>Odour:</td> <td>Perfumed</td> </tr> <tr> <td>Density (20 °C):</td> <td>0.950 to 1.100 g/ml</td> </tr> <tr> <td>Solubility in/Miscibility with:-</td> <td></td> </tr> <tr> <td> Water</td> <td>Soluble in all proportions</td> </tr> <tr> <td>pH-value:</td> <td>5.0 to 6.0</td> </tr> </table>	Form:	Liquid	Colour:	Milky	Odour:	Perfumed	Density (20 °C):	0.950 to 1.100 g/ml	Solubility in/Miscibility with:-		Water	Soluble in all proportions	pH-value:	5.0 to 6.0
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<p>10. Stability and reactivity</p>	<p>Reactivity Chemical stability Stable under normal conditions</p>														
<p>11. Toxicological information</p>	<p>Information on toxicological effects: No information available for this product</p>														
<p>12. Ecological information</p>	<p>Toxicity Based on the available ecological data on the formulation's components, no significant impact is to be expected.</p>														
<p>13. Disposal considerations</p>	<p>13.1 Waste treatment methods Disposal must be made according to official regulations.</p>														
<p>14. Transport information</p>	<p>Not hazardous in terms of transport regulations</p> <p>Transport by road or railway according to ADR/GGVS and RID/GGVE Sea transport according to IMDG/GGVSee Air transport according to IATA-DGR/ICAO-TI</p>														

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15. Regulatory information	<p>Safety, health and environmental regulations/legislation specific for the substance or mixture: Product is classified and labelled as biocidal product according to the requirements of regulation 98/8/EC</p> <p>S-phrases</p> <p>S2 Keep out of the reach of children</p> <p>S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice</p> <p>S46 If swallowed, seek medical advice immediately and show this container or label</p> <p>S61 Avoid release to the environment. Refer to special instructions/safety data sheet</p>
16. Other information	<p>Relevant phrases</p> <p>R11 Highly flammable</p> <p>R23/24/25 Toxic by inhalation, in contact with skin and if swallowed</p> <p>R34 Causes burns</p> <p>R36 Irritating to eyes</p> <p>R36/38 Irritating to eyes and skin</p> <p>R37 Irritating to respiratory system</p> <p>R38 Irritating to skin</p> <p>R41 Risk of serious damage to eyes</p> <p>R43 May cause sensitisation by skin contact</p> <p>R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment</p>

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship