

# Raw material information



**ZSCHIMMER & SCHWARZ**  
GmbH & Co KG  
**CHEMISCHE FABRIKEN**  
D-56112 LAHNSTEIN/RHEIN

## Harmonized information on raw material identification according to TEGEWA (Version 2005)

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1. General information	
1.1 Trade name	<b>PEARLAGENT GM 4175</b>
1.2 Manufacturer/Supplier (address, phone no., fax no., contact person)	ZSCHIMMER & SCHWARZ GmbH & Co KG Max-Schwarz-Str. 3 - 5 56112 LAHNSTEIN
1.3 Raw material category (e.g. anionic surfactant)	Pearlescent
1.4 Chemical name	Blend of fatty alcohol ether sulfate with pearlescent substances
1.5 INCI (CTFA) name Composition	Sodium Laureth Sulfate: 10-25 % Glycol Stearate: 10-25 % Cocamide MEA: 1-5 % Cocamide DEA: 1-5 % Propylene Glycol: 0.1-1 % Aqua (Water): > 50 %
1.6 EC (EINECS/ELINCS) no.	221-416-0, 203-886-9, 931-330-1 (268-770-2), 931-329-6 (271-657-0), 200-338-0
1.7 CAS no.	9004-82-4, 111-60-4, n.a. (68140-00-1), n.a. (68603-42-9), 57-55-6
1.8 Registration status (e.g. EU, USA, Japan)	TSCA, EINECS, AICS, DSL, PICCS, ECL

2. Information on production	
2.1 Origin of starting material (plant, animal, synthetic)	Vegetable origin
2.2 Is the starting material derived from genetically modified organisms (GMO)?	No
2.3 Information on production process (general description)	Mixture

3. Additives	
3.1 Preservatives	0.4% Phenoxyethanol, 0.06 % Benzoic Acid, 0.04 % Dehydroacetic Acid
3.2 Antioxidants	Not added
3.3 Solvents	Not added

<b>3.4 Bleaching agents</b>	Not added
<b>3.5 Others</b>	

<b>4. Microbiological specification</b>	
<b>4.1 Total viable count (colony-forming units/g)</b>	< 100 colony-forming units/g

<b>5. By-products</b>	The presence of traces of the substances listed in Annex II of Regulation No. 1223/2009 (replaced Directive 76/768/EEC ) (incl. cmr cat. I – III substances marked with *) shall be allowed provided that such presence is technically unavoidable in good manufacturing practice and that it conforms with Article 17 of Regulation No. 1223/2009.
<b>5.1 1,4-Dioxane *</b>	approx. 15 ppm (typical data)
<b>5.2 Ethylene oxide *</b>	< 1 ppm
<b>5.3 Residual solvents</b>	Not added
<b>5.4 Residual monomers</b>	< 1 ppm
<b>5.5 Amines</b>	< 0.1 %
<b>5.6 Nitrosamines</b>	Cocamide DEA: Not detectable (random test, detection limit 20 ppb)
<b>5.7 Heavy metals</b>	Fe < 5 ppm, Ni < 4 ppm, Cu < 4 ppm, Cr < 5 ppm
<b>5.8 Monochloroacetic acid</b>	Not contained
<b>5.9 Dichloroacetic acid</b>	Not contained
<b>5.10 Allergens according to the 7<sup>th</sup> Amendment to the Cosmetics Directive (ppm)</b>	Not contained
<b>5.11 Others</b>	

<b>6. Toxicology</b>	
<b>6.1 Information on acute toxicity</b>	Not determined
<b>6.2 Information on skin irritation</b>	Not determined
<b>6.3 Information on irritation of the mucous membrane</b>	Component ether sulfate: Rabbit (10% active matter): non-irritant (IBR 8/80)
<b>6.4 Information on sensitisation potential</b>	Not determined
<b>6.5 Information on gene toxicity</b>	Not determined
<b>6.6 Information on percutaneous permeation</b>	Not determined
<b>6.7 Others</b>	

<b>7. Ecology</b>	
<b>7.1 Degradability/Elimination</b>	> 90 % OECD 302 B
<b>7.2 Acute aquatic toxicity</b>	Not determined
<b>7.3 Others</b>	

<b>8. Additional information</b> (For details on specification see enclosed instruction sheet; for details on labelling and classification see enclosed safety data sheet.)	
<p>We herewith confirm that PEARLAGENT GM 4175 fulfils the following criteria according to Cosmetic Directive 1223/2009/EEC.</p> <ul style="list-style-type: none"> <li>- Do not use with nitrosating systems</li> <li>- Minimum Purity: 99% of Mono and diethanolamine used</li> <li>- Maximum secondary amine content: 0.5% (applies to raw materials)</li> <li>- Maximum nitrosamine content: 50 microgram/kg</li> <li>- Keep in nitrite-free containers</li> </ul>	
<b>8.1 Shelf life</b>	12 months

**This Information refers only to the above mentioned product** and does not need to be valid if used with other product(s) or in any process. The information is to our best present knowledge correct and complete and is given in good faith but without warranty. It remains the user's own responsibility to make sure that the information is appropriate and complete for his specific use of this product.