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|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|
|  | Dossier technique et réglementaire / <i>technical and regulatory document</i><br><b>WALLOXEN OP 100 – polyéthylène 10 octyl phénol</b> | Octobre 2018 / <i>October 2018</i> |
|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|

INCI: **PEG 10 octylphenol**  
N°CAS: 9036-19-5  
N°EINECS/ELINCS: Polymer

#### DESCRIPTION / DESCRIPTION:

Nom chimique: Polyoxyéthylène-10-octylphénol / *Chemical name: Polyoxyethylene-10-octylphenol*  
Octylphénol polyéthylène glycol ether 10 EO / *Octylphenol polyethylene glycol ether 10 EO*

#### CARACTERISTIQUES GARANTIES / GUARANTEED SPECIFICATIONS:

| CARACTERISTIQUES                                                       | SPECIFICATIONS                        | METHODES / METHODS     |
|------------------------------------------------------------------------|---------------------------------------|------------------------|
| Aspect / <i>Aspect</i>                                                 | Liquide limpide / <i>Clear liquid</i> | Visuel / <i>Visual</i> |
| pH (solution aqueuse à 5%) / <i>pH (aqueous solution at 5%)</i>        | 5 – 8                                 | DGF H-III 1            |
| Teneur en eau / <i>Water content</i>                                   | ≤ 0.5 %                               | DGF C-III 13a          |
| Point de trouble (solution à 1%) / <i>Cloud point (Solution at 1%)</i> | 67 – 74°C                             | En 1890                |

**Ces éléments seront repris sur nos BA / these elements will be on our CoA**

**Ces caractéristiques sont conformes aux précédentes spécifications datées de Novembre 2013 / These features are in accordance with previous specifications dated on November 2013**

#### CARACTERISTIQUES A TITRE D'INFORMATION / ADDITIONAL INFORMATION:

Point éclair / *Flash point*: > 125°C  
Densité à 40°C / *Density at 40°C*: ca. 1.05 g/cm<sup>3</sup>  
Viscosité dynamique à 20°C / *Dynamic viscosity at 20°C*: ca. 110 mPas  
Le produit est un émulsifiant / *The product is an emulsifier*  
Entièrement miscible dans l'eau / *Entirely miscible in water*

#### APPLICATIONS:

Emulsifiant / *Emulsifier*

#### CONDITIONNEMENT STANDARD / STANDARD PACKAGING:

IBC de 100kg, fût 200kg / *100kg IBC, 200kg drum*  
A Conserver dans l'emballage d'origine à 20 – 25°C. En cas de turbidité ou de sédimentation, homogénéiser avant utilisation (une montée de température pourrait aider) / *Store the product in well closed original package at 20 – 25°C. If turbidity or sedimentation occurs, homogenize before use (Rise of temperature may help)*  
Matière première classifiée comme substance dangereuse (voir fiche de données de sécurité) / *Raw material classified as dangerous substance (see safety data sheet)*

|                                              |                                                                   |
|----------------------------------------------|-------------------------------------------------------------------|
| Additives                                    | No data available                                                 |
| Allergen                                     | This product doesn't contain food allergen (directive 2003/89/CE) |
| Animal Testing                               | Has not been tested on animals                                    |
| BSE - Bovine Spongiform Encephalopathy       | No risk of BSE                                                    |
| California Prop 65                           | This product (CAS: 9036-19-5) is not listed                       |
| Carcinogenic, Mutagenic and Reprotoxic (CMR) | This product doesn't contain CMR (annex I, directive 67/548/CE)   |
| Composition                                  | No data available                                                 |

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|                                               |                                                                                                                                                           |
|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Cosmetic</b>                               | This product is not suitable for use in cosmetic and doesn't comply with Cosmetic directive 1223/2009/CEE because it is listed as a SVHC                  |
| <b>Cosmos / Ecocert</b>                       | This product contain chemical derivates – Not accepted by Cosmos                                                                                          |
| <b>Danger</b>                                 | This product is classified and labeled as dangerous in accordance with CLP and ADR (UN3082)                                                               |
| <b>Dioxane</b>                                | This product contains 1,4-dioxan ( $\leq 15$ ppm) due to the production process                                                                           |
| <b>Ecolabel</b>                               | No data available                                                                                                                                         |
| <b>European Pharmacopeia</b>                  | No data available                                                                                                                                         |
| <b>Food</b>                                   | Is not a food grade product. This product doesn't contain food allergen (directive 2003/89/CE)                                                            |
| <b>Genetically Modified Organisms (GMO)</b>   | Doesn't contain GMO                                                                                                                                       |
| <b>Inventories</b>                            | Compliant with China IECSC, USA TSCA, New Zealand NZIoC, Japan ENCS, Korea KECI, Philippines PICCS, Australia AICS, Canada DSL                            |
| <b>Geographic origin (for plant)</b>          | Not concerned                                                                                                                                             |
| <b>Glycol ether</b>                           | This product doesn't contain glycol ether                                                                                                                 |
| <b>Halal</b>                                  | No data available                                                                                                                                         |
| <b>Heavy Metals</b>                           | This product doesn't contain heavy metals                                                                                                                 |
| <b>HS code</b>                                | 34021300                                                                                                                                                  |
| <b>Irradiation / ionization</b>               | There is no ionization step in this product                                                                                                               |
| <b>Kosher</b>                                 | No data available                                                                                                                                         |
| <b>Latex</b>                                  | No data available                                                                                                                                         |
| <b>Manufacturing location</b>                 | Germany                                                                                                                                                   |
| <b>Microbiological data</b>                   | No data available                                                                                                                                         |
| <b>Nanomaterials</b>                          | No data available                                                                                                                                         |
| <b>Nutritional data</b>                       | No data available                                                                                                                                         |
| <b>Origin</b>                                 | 100% chemical                                                                                                                                             |
| <b>Pesticide</b>                              | This product doesn't contain pesticide                                                                                                                    |
| <b>Phthalate</b>                              | This product doesn't contain phthalate                                                                                                                    |
| <b>Preservative</b>                           | This product doesn't contain preservative (cosmetic regulation 1223/2009/CEE and 2003/15/CE)                                                              |
| <b>Process</b>                                | Ethoxylation of alkylphenol. Due to the production conditions, remain the following impurities: ethylene oxide $\leq 20$ ppm and 1,4-dioxan $\leq 15$ ppm |
| <b>REACH</b>                                  | This product is a polymer – exempted from REACH                                                                                                           |
| <b>Residual Solvents</b>                      | This product doesn't contain residual solvents (note CPMP/ICH/283/95)                                                                                     |
| <b>RSPO</b>                                   | This product doesn't contain palm – not concerned                                                                                                         |
| <b>Shelf Life</b>                             | 2 years                                                                                                                                                   |
| <b>Substances of Very High Concern (SVHC)</b> | This product is listed in the Candidate list of SVHC                                                                                                      |
| <b>Volatiles organic compounds (VOC)</b>      | This product doesn't contain VOC (directive 2004/42/EC)                                                                                                   |

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Ce document annule et remplace tous documents techniques et réglementaires précédents / *This document cancel and replace all technical and regulatory previous documents.*