**Hot spot Identification**

Chain: Nougat

Name or code of company (please follow the code assigned in the PEF summary): Sebaste srl

Functional unit: Torrone alla Nocciola Sebaste, Torrone ricoperto di Cioccolato Sebaste

(Weight on total firm production of this output: 1,6%)

|  |  |  |  |
| --- | --- | --- | --- |
| **List of main hot spots: Torrone alla Nocciola Sebaste** | | | |
| **Relevant Impact Categories** | **Contribution to overall normalised and weight impact** | **Relevant Processes** | **Contribution to overall characterized impact** |
| **Climate change, fossil** | 4,3% | Agricultural Production | 44% |
| Transformation | 37% |
| Packaging | 13% |
| **Particulate Matter** | 7,3% | Agricultural Production | 54% |
| Transformation | 14% |
| Packaging | 31% |
| **Acidification** | 7,3% | Agricultural Production | 63% |
| Transformation | 24% |
| Packaging | 10% |
| **Marine Euthrofization** | 6,6% | Agricultural Production | 86% |
| Transformation | 7% |
| Packaging | 4% |

The Supporting Study show also that the following impact categories are relevant.

|  |  |
| --- | --- |
| **Relevant Impact Categories** | **Contribution to overall normalised and weight impact** |
| **Water resource depletion** | 24,8% |
|
|
| **Mineral, fossil & ren resource depletion** | 33,1% |
|
|

In all these three categories, the 99% of impacts are concentrated in the upstream part.

(Weight on total firm production o f this output: 0,52%)

|  |  |  |  |
| --- | --- | --- | --- |
| **List of main hot spots: Torrone ricoperto di cioccolato Sebaste** | | | |
| **Relevant Impact Categories** | **Contribution to overall normalised and weight impact** | **Relevant Processes** | **Contribution to overall characterized impact** |
| **Climate change, fossil** | 4,7% | Agricultural Production | 74% |
| Transformation | 16% |
| Packaging | 7% |
| **Particulate Matter** | 6,6% | Agricultural Production | 73% |
| Transformation | 7% |
| Packaging | 20% |
| **Acidification** | 4,6% | Agricultural Production | 69% |
| Transformation | 18% |
| Packaging | 9% |
| **Marine Euthrofization** | 7,4% | Agricultural Production | 93% |

The Supporting Study show also that the following impact categories are relevant.

|  |  |
| --- | --- |
| **Relevant Impact Categories** | **Contribution to overall normalised and weight impact** |
| **Land use** | 13,1% |
|
|
| **Water resource depletion** | 12,8% |
|
|
| **Mineral, fossil & ren resource depletion** | 41,0% |
|
|

In all these three categories, the 99% of impacts are concentrated in the upstream part and it due to the chocolate production.