

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                       |                  |          |                 |          |                   |          |                  |         |                                                             |         |                                  |         |                                   |         |                           |         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|------------------|----------|-----------------|----------|-------------------|----------|------------------|---------|-------------------------------------------------------------|---------|----------------------------------|---------|-----------------------------------|---------|---------------------------|---------|
| <b>Dagangan:</b><br><br><b>103. DRY BLEND OF COLORANTS (PIGMENT)</b><br>Trade Name: Dairen S3 Blue BE 8960<br>Brand: Dairen<br>Brand: Xcel Wobbler                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>Kod Tarif :</b><br><br>3206.19.000 |                  |          |                 |          |                   |          |                  |         |                                                             |         |                                  |         |                                   |         |                           |         |
| <b>Keterangan :</b><br><br><p>Barangan ini merupakan sejenis bahan kimia berbentuk serbuk warna biru. Mengikut MSDS barangan merupakan campuran <i>colouring agent</i> dan <i>additives</i> yang mengandungi bahan-bahan seperti berikut:</p> <table data-bbox="459 748 898 891"> <tr> <td>Titanium Dioxide</td><td>- 35-45%</td></tr> <tr> <td>Zinc distearate</td><td>- 25-35%</td></tr> <tr> <td>Pigment blue 15:1</td><td>- 15-25%</td></tr> <tr> <td>Disperse blue 78</td><td>- 5-15%</td></tr> </table> <p>Mengikut <i>product information</i> yang dikemukakan oleh pemohon barangan mengandungi:</p> <table data-bbox="272 1037 1243 1180"> <tr> <td>Disperse blue 78 1,4-bis(methylamino)-anthracene-9,10-dione</td><td>- 10.0%</td></tr> <tr> <td>Pigment blue 15:1(phthlocyanine)</td><td>- 20.0%</td></tr> <tr> <td>Pigment white 6(Titanium dioxide)</td><td>- 40.0%</td></tr> <tr> <td>Zinc distearate(additive)</td><td>- 30.0%</td></tr> </table> <p><i>Zinc distearate</i> merupakan sejenis <i>additive</i> berfungsi hanya sebagai <i>carrier</i>.<br/> Titanium Dioxide merupakan <i>tone adjuster</i> untuk mengawal <i>tone</i> warna bukannya warna dasar. Barangan ini digunakan semasa proses <i>injection moulding</i> dalam industri pembuatan plastik sebagai pewarna untuk plastik.</p> <p>Fakta:</p> <p>Berdasarkan maklumat dan keterangan barangan ini merupakan sejenis <i>colouring agent</i> mengandungi pigment blue dan white (titanium dioxide) <b>yang mana titanium dioxide</b> kebiasaanya digunakan sebagai pigment.</p> <p><b>Pigment white 6(Titanium dioxide)</b> merupakan komposisi pigment tertinggi iaitu 40.0%. Penetapan penjenisan bergantung kepada kandungan pigment yang paling tinggi.</p> <p>Perundangan:</p> <p>Struktur tarif Malaysia adalah sebahagian perundangan Malaysia yang digubal melalui Perintah Duti kastam 2007 berkuatkuasa 1.4.2008. Pelaksanaan Perintah ini selaras dengan resolusi Konvensyen Antarabangsa mengenai '<i>Harmonized Commodity Description and Coding System</i>' (Sistem berharmonis). Di bawah Perintah ini, kod tarif barangan hendaklah ditentukan mengikut <i>the General Rules for the Interpretation of the Harmonized System (General Interpretation Rule)</i>, berpandukan <i>Explanatory Notes</i> kepada sistem tersebut.</p> |                                       | Titanium Dioxide | - 35-45% | Zinc distearate | - 25-35% | Pigment blue 15:1 | - 15-25% | Disperse blue 78 | - 5-15% | Disperse blue 78 1,4-bis(methylamino)-anthracene-9,10-dione | - 10.0% | Pigment blue 15:1(phthlocyanine) | - 20.0% | Pigment white 6(Titanium dioxide) | - 40.0% | Zinc distearate(additive) | - 30.0% |
| Titanium Dioxide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | - 35-45%                              |                  |          |                 |          |                   |          |                  |         |                                                             |         |                                  |         |                                   |         |                           |         |
| Zinc distearate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | - 25-35%                              |                  |          |                 |          |                   |          |                  |         |                                                             |         |                                  |         |                                   |         |                           |         |
| Pigment blue 15:1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | - 15-25%                              |                  |          |                 |          |                   |          |                  |         |                                                             |         |                                  |         |                                   |         |                           |         |
| Disperse blue 78                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | - 5-15%                               |                  |          |                 |          |                   |          |                  |         |                                                             |         |                                  |         |                                   |         |                           |         |
| Disperse blue 78 1,4-bis(methylamino)-anthracene-9,10-dione                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | - 10.0%                               |                  |          |                 |          |                   |          |                  |         |                                                             |         |                                  |         |                                   |         |                           |         |
| Pigment blue 15:1(phthlocyanine)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | - 20.0%                               |                  |          |                 |          |                   |          |                  |         |                                                             |         |                                  |         |                                   |         |                           |         |
| Pigment white 6(Titanium dioxide)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | - 40.0%                               |                  |          |                 |          |                   |          |                  |         |                                                             |         |                                  |         |                                   |         |                           |         |
| Zinc distearate(additive)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | - 30.0%                               |                  |          |                 |          |                   |          |                  |         |                                                             |         |                                  |         |                                   |         |                           |         |

## Laporan Jabatan Kimia

Barangan berupa serbuk halus berwarna biru sesuai dengan pigment blue dan *titanium dioxide*.

### Analisis dan Justifikasi:

Mengikut Wikipedia, *the free encyclopedia*, **Titanium dioxide**, also known as titanium (IV) oxide or titania, is the naturally occurring [oxide](#) of [titanium](#), chemical formula  $\text{TiO}_2$ . When used as a [pigment](#), it is called titanium white, Pigment White 6, or [CI 77891](#).....

$\text{TiO}_2$  is also an effective [opacifier](#) in powder form, where it is employed as a pigment to provide whiteness and [opacity](#) to products such as [paints](#), [coatings](#), [plastics](#), [papers](#), [inks](#), [foods](#), [medicines](#) (i.e. pills and tablets) as well as most [toothpastes](#).

Barangan seperti ini mendapat liputan di dalam EN ms, **VI-3206-1** seperti berikut :

**32.06 -Other colouring matter; preparations as specified in Note 3 to this Chapter, other than those of heading 32.03, 32.04 or 32.05; inorganic products of a kind used as luminophores, whether or not chemically defined (+).**

**A) OTHER COLOURING MATTER; PREPARATIONS AS SPECIFIED IN NOTE 3 TO THIS CHAPTER, OTHER THAN THOSE OF HEADING 32.03, 32.04 OR 32.05**

**This heading covers inorganic colouring matter or colouring matter of mineral origin.**

.....

The colouring matter of this heading includes :

*(1) Pigments based on titanium dioxide. These include titanium dioxide which is surface-treated or mixed with calcium or barium sulphate or other substances. These also include titanium dioxide to which compounds have been intentionally added during the production process in order to obtain certain physical properties rendering it suitable for use as a pigment. Other specially produced titanium dioxide which is not suitable for use as a pigment because of its particular properties falls under other headings (e.g., headings 38.15, 38.24). Titanium dioxide which is unmixed and not surface-treated is classified in heading 28.23.*

Ketetapan:

Berdasarkan fakta dan keterangan di atas Mesyuarat Panel Penetapan Penjenisan memutuskan barangan ini sesuai dipenjeniskan mengikut **General Interpretation Rule 1 dan 6** di bawah kod tariff **3206.19.000** sebagai **Preparation based on Titanium Oxide**.

**Gambar :**



**DRY BLEND OF COLORANTS (PIGMENT)**

**Trade Name: Dairen S3 Blue BE 8960**

**Brand: Dairen**