

Dagangan : CHEMICAL PREPARATION
CONTAINING BARIUM SULPHATE

Nama Perdagangan : Barite

Kod Tarif (Perintah Duti Kastam 2012) :

3824.99.99 00 (PDK 2017)

Tarikh Kelulusan : 25 Ogos 2017

Keterangan barangan :

Berdasarkan borang permohonan Jadual A, sampel barangan adalah berupa serbuk halus berwarna kelabu yang mengandungi campuran barium sulfate, silica, aluminium dan potassium.

Barangan dinamakan Barite (barium sulphate). Berdasarkan Lampiran 1A, barite dinyatakan seperti berikut:

Barite (BaSO₄) is a mineral consisting of barium sulfate. The barite weighting agent is a high-quality, drilling-grade barite (barium sulfate) used to increase the density of drilling fluids. This high-specific-gravity mineral is the most widely used weight material with application in all drilling fluid systems. Barite agent meets all API specifications for barite.

Typical Physical Properties:

Physical appearance *grey powder*
Specific gravity *4.2 minimum*
Bulk density *120 lb/ft³*
pH *Neutral*

Applications & Advantages:

Barite is used in all types of drilling fluids to increase the density of the drilling mud. It is many advantages, such as strong chemical inert, good stability, acid and alkali proof, high density, moderate rigidity, high specific gravity, high whiteness, no poison and no magnetism.

Packaging and Storage:

Barite is packaged in 55-lb (25 kg) & 100 lb (45.4 kg) multi-wall paper sacks. It is also available in bulk packaging in 1000. Laporan daripada analisis pakar seperti berikut :

Sampel	Merupakan serbuk halus berwarna kelabu.
Hasil analisis	Sampel sesuai dengan barium sulfate (barite)

Berdasarkan MSDS di Lampiran 1B menyatakan seperti berikut :

<i>Product</i>	<i>Barite powder</i>
<i>Other name</i>	<i>Barium Sulfate</i>
<i>Application</i>	<i>Weighting agent</i>
<i>Ingredient</i>	
<i>Barium sulfate</i>	94%
<i>Crystalline silica</i>	4%
<i>Mica</i>	2%

Barangan digunakan sebagai *weighting agent for drilling in oil and gas exploration to suppress high formation pressures and prevent blow outs. As a well is drilled, the bit passes through various formations, each with different characteristic.*

The deeper the hole, the more barite is needed as a percentage of the total mud mix. Barite used for drilling petroleum wells can be black, blue, brown or gray depending on the one body. The barite is finely ground so that at least 97% of the material, by weight, can pass through a 200-mesh (75-um screen and not more than 30% by weight, can be less than 6 um diameter.

Ketetapan:

Ketua Pengarah Kastam memutuskan barangan ini sesuai diperjeniskan di bawah kod tarif **3824.99.99 00** sebagai ***Other chemical preparation***, berdasarkan alasan-alasan berikut:

- Barangan adalah sebagaimana keterangan dan fakta seperti di atas, berupa serbuk halus berwarna kelabu yang mengandungi campuran barium sulfat 94%, silica 4%, mica 2%, sedikit aluminium dan potassium.
- Surat pembetulan Laporan Analisa Pakar dari Jabatan Kimia bertarikh 14 Mei 2014 seperti di Lampiran 9, telah mengesahkan barangan ini seperti berikut:

"Sampel mengandungi kebanyakannya barium sulfat serta sedikit silica. Sebatian aluminium dan potassium turut dikesan, yang sesuai dengan kehadiran mica, iaitu sebatian potassium aluminium silicate."

- *Barangan mendapat liputan di dalam EN 2017 di bawah Chapter 38 HS 2017 Explanatory Note muka surat VI- 3824-1 hingga 2 di bawah sub heading 3824.99... seperti berikut :*

3824 - Prepared binders for foundry moulds or cores; chemical products and preparations of the chemical or allied industries (including those consisting of mixtures of natural products), not elsewhere specified or included.

- 3824.10 - *Prepared binders for foundry moulds or cores*
- 3824.30 - *Non-agglomerated metal carbides mixed.....*
- 3824.40 - *Prepared additives for cements.....*
- 3824.50 - *Non-refractory mortar and concretes*
- 3824.60 - *Sorbitol other than that of subheading 2905.44*

- *Mixtures containing halogenated derivatives of methane, ethane or propane*

- *Goods specified in subheading Note 3 to this Chapter*

- **Other :**

- 3824.91 - - *Mixtures and preparations consisting mainly of (5- ethyl-2-oxido 1,2,3-dioxaphosphinam-5-.....*

3824.99 - - Other

- Barangan ini juga telah mendapat liputan di dalam Perintah Duti Kastam 2017 di muka surat 344 sebagaimana berikut :

3824 Prepared binders for foundry moulds or cores; chemical products and preparations of the chemical or allied industries (including those consisting of mixtures of natural products), not elsewhere specified or included.

3824.99 - Other

- - **Other:**

- - - **Other:**

3824.99.91 00 - - - - Naphthenic acids, their water insoluble salt and their esters

3824.99.99 00 - - - - Other