

PRODUCT SPECIFICATION

Ground Colemanite

[-45 Micron]

$2CaO \cdot 3B_2O_3 \cdot 5H_2O$

Di-Calcium Hexaborate Pentahydrate

CAS No: 1318-33-8

Chemical Specification

Component	Content
B_2O_3	40.00 ±0.50 %
CaO	27.00 ±1.00 %
SiO_2	4.00-6.50%
SO_4	0.60% max.
As	35 ppm max.
Fe_2O_3	0.08% max.
Al_2O_3	0.40% max.
MgO	3.00% max.
SrO	1.50% max.
Na_2O	0.50% max.
L.O.I.	25.00% max.
Moisture	1.00% max.
Bulk Density	1.00 ton/m ³ max

Particle Size Specification

Size	Content
+150 µm	0.25% max.
-45 µm	75.00% min.

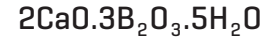
Rev. : 2017/00

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PRODUCT SPECIFICATION

Ground Colemanite

[-75 Micron]



Di-Calcium Hexaborate Pentahydrate

CAS No: 1318-33-8

Chemical Specification

Component	Content
B ₂ O ₃	40.00 ±0.50 %
CaO	27.00 ±1.00 %
SiO ₂	4.00-6.50%
SO ₄	0.60% max.
As	35 ppm max.
Fe ₂ O ₃	0.08% max.
Al ₂ O ₃	0.40% max.
MgO	3.00% max.
SrO	1.50% max.
Na ₂ O	0.50% max.
L.O.I.	25.00% max.
Moisture	1.00% max.
Bulk Density	1.00 ton/m ³ max

Particle Size Specification

Size	Content
+150 µm	0.50% max.
-75 µm	82.00% min.

Rev. : 2017/00

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PRODUCT SPECIFICATION

Ground Ulexite

[-45 Micron]



Sodium-Calcium Pentaborate Octahydrate

CAS No: 1319-33-1

Chemical Specification

Component	Content
B ₂ O ₃	37.00±1.00%
CaO	19.00% max
SiO ₂	4.00% max.
SO ₄	0.25% max.
As	40 ppm max.
Fe ₂ O ₃	0.04% max.
Al ₂ O ₃	0.25% max.
MgO	2.50% max.
SrO	1.00% max.
Na ₂ O	3.50% min.
Moisture	1.00% max.
Bulk Density	1.00 ton/m ³ max.

Particle Size Specification

Size	Content
+150 µm	0.25% max.
-45 µm	75.00% min.

Rev. : 2017/00

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PRODUCT SPECIFICATION

Ground Ulexite

[-75 Micron]

$\text{Na}_2\text{O} \cdot 0.2\text{CaO} \cdot 0.5\text{B}_2\text{O}_3 \cdot 16\text{H}_2\text{O}$

Sodium-Calcium Pentaborate Octahydrate

CAS No: 1319-33-1

Chemical Specification

Component	Content
B_2O_3	37.00± 1.00%
CaO	19.00% max
SiO_2	4.00% max.
SO_4	0.25% max.
As	40 ppm max.
Fe_2O_3	0.04% max.
Al_2O_3	0.25% max.
MgO	2.50% max.
SrO	1.00% max.
Na_2O	3.50% min.
Moisture	1.00% max.
Bulk Density	1.00 ton/m ³ max.

Particle Size Specification

Size	Content
+150 µm	0.50% max.
-75 µm	82.00% min.

Rev. : 2017/00

EYS TBL ETİ 01/24.08.2015/00