

Technical Data Sheet

Lithium Silicate Liquid			
Product Name		Lithium Silicate Liquid	
Product Code		LS -20	
Technical Data Sheet (Properties)			
Chemical Properties			
Sr. NO	Characteristic	Unit	Specification
1	Weight. Ratio	-	7.0 ± 0.20
2	Molar. Ratio	-	3.4 ± 0.20
3	Li ₂ O Content	%	3.0 ± 0.2
4	SiO ₂ Content	%	21 ± 0.5
5	Concentration	%	24 ± 0.5
Physical Properties			
6	Appearance	-	Clear /Translucent Liquid
7	Ph (1% Solution)	-	10 - 11
8	Viscosity @ 25 °C	cP	≤ 15
9	Sp Gravity	-	1.18 ± 0.02

Packing, Loading & Shelf life.

Packing	50KG,100KG,250KG,300KG HDPE Drums , 1300 to 1400 KG IBC Tank Tanker loading – 10 to 30 MT
Loading – W/o Pallet	50KG,100KG,250KG,300KG – 20 to 24 MT/20FCL 1300-1400 KG IBC Tank – 22 to 25 MT/20FCL
Loading – On Pallet	50KG & 100KG – 18 to 20MT/20FCL 250KG & 300KG – 22 to 26 MT/20FCL
Shelf Life	12 Month under proper storage condition*

** Proper Storage condition: Keep container tightly closed, keep in cool, dry and ventilated place, and avoid strong acid.*

REGISTERED OFFICE

Third Floor, Embassy House, Mahendra Mill Road, Nr. JP Gate, At. Kalol, Dist. Gandhinagar - 382721, Gujarat, India

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Technical Data Sheet

Lithium Silicate Liquid			
Product Name		Lithium Silicate Liquid	
Product Code		LS -30	
Technical Data Sheet (Properties)			
Chemical Properties			
Sr. NO	Characteristic	Unit	Specification
1	Weight. Ratio	-	8.2 ± 0.10
2	Molar. Ratio	-	4.1 ± 0.10
3	Li ₂ O Content	%	2.5 ± 0.10
4	SiO ₂ Content	%	20.5 ± 0.20
5	Concentration	%	23 ± 0.20
Physical Properties			
6	Appearance	-	Clear /Translucent Liquid
7	Ph (1% Solution)	-	10 - 11
8	Viscosity @ 25 °C	cP	≤ 20
9	Sp Gravity	-	1.18 ± 0.02

Packing, Loading & Shelf life.

Packing	50KG,100KG,250KG,300KG HDPE Drums , 1300 to 1400 KG IBC Tank Tanker loading – 10 to 30 MT
Loading – W/o Pallet	50KG,100KG,250KG,300KG – 20 to 24 MT/20FCL 1300-1400 KG IBC Tank – 22 to 25 MT/20FCL
Loading – On Pallet	50KG & 100KG – 18 to 20MT/20FCL 250KG & 300KG – 22 to 26 MT/20FCL
Shelf Life	12 Month under proper storage condition*

** Proper Storage condition: Keep container tightly closed, keep in cool, dry and ventilated place, and avoid strong acid.*

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Technical Data Sheet

Lithium Silicate Liquid			
Product Name		Lithium Silicate Liquid	
Product Code		LS -40	
<u>Technical Data Sheet (Properties)</u>			
<u>Chemical Properties</u>			
Sr. NO	Characteristic	Unit	Specification
1	Weight. Ratio	-	8.6 ± 0.20
2	Molar. Ratio	-	4.4 ± 0.20
3	Li ₂ O Content	%	2.25 ± 0.10
4	SiO ₂ Content	%	22.5 ± 0.20
5	Concentration	%	24 ± 0.5
<u>Physical Properties</u>			
6	Appearance	-	Clear /Translucent Liquid
7	Ph (1% Solution)	-	10 - 11
8	Viscosity @ 25 °C	cP	≤ 30
9	Sp Gravity	-	1.18 ± 0.02

Packing, Loading & Shelf life.

Packing	50KG,100KG,250KG,300KG HDPE Drums , 1300 to 1400 KG IBC Tank Tanker loading – 10 to 30 MT
Loading – W/o Pallet	50KG,100KG,250KG,300KG – 20 to 24 MT/20FCL 1300-1400 KG IBC Tank – 22 to 25 MT/20FCL
Loading – On Pallet	50KG & 100KG – 18 to 20MT/20FCL 250KG & 300KG – 22 to 26 MT/20FCL
Shelf Life	12 Month under proper storage condition*

** Proper Storage condition: Keep container tightly closed, keep in cool, dry and ventilated place, and avoid strong acid.*

Technical Data Sheet

Lithium Silicate Liquid			
Product Name		Lithium Silicate Liquid	
Product Code		LS -50	
Technical Data Sheet (Properties)			
Chemical Properties			
Sr. NO	Characteristic	Unit	Specification
1	Weight. Ratio	-	11.6 ± 0.10
2	Molar. Ratio	-	5.8 ± 0.10
3	Li ₂ O Content	%	2.5 ± 0.10
4	SiO ₂ Content	%	20.5 ± 0.20
5	Concentration	%	19.25 ± 0.20
Physical Properties			
6	Appearance	-	Clear /Translucent Liquid
7	Ph (1% Solution)	-	10 - 11
8	Viscosity @ 25 °C	cP	≤ 7
9	Sp Gravity	-	1.14 ± 0.01

Packing, Loading & Shelf life.

Packing	50KG,100KG,250KG,300KG HDPE Drums , 1300 to 1400 KG IBC Tank Tanker loading – 10 to 30 MT
Loading – W/o Pallet	50KG,100KG,250KG,300KG – 20 to 24 MT/20FCL 1300-1400 KG IBC Tank – 22 to 25 MT/20FCL
Loading – On Pallet	50KG & 100KG – 18 to 20MT/20FCL 250KG & 300KG – 22 to 26 MT/20FCL
Shelf Life	12 Month under proper storage condition*

** Proper Storage condition: Keep container tightly closed, keep in cool, dry and ventilated place, and avoid strong acid.*

Technical Data Sheet

Lithium Silicate Liquid			
Product Name		Lithium Silicate Liquid	
Product Code		LS -60	
<u>Technical Data Sheet (Properties)</u>			
<u>Chemical Properties</u>			
Sr. NO	Characteristic	Unit	Specification
1	Weight. Ratio	-	15.0 ± 0.10
2	Molar. Ratio	-	7.5± 0.10
3	Li ₂ O Content	%	1.4 ± 0.10
4	SiO ₂ Content	%	20.5 ± 0.50
5	Concentration	%	22.5 ± 0.5
<u>Physical Properties</u>			
6	Appearance	-	Slightly milky - white liquid
7	Ph (1% Solution)	-	10 - 11
8	Viscosity @ 25 °C	cP	≤ 10
9	Sp Gravity	-	1.15 ± 0.01

Packing, Loading & Shelf life.

Packing	50KG,100KG,250KG,300KG HDPE Drums , 1300 to 1400 KG IBC Tank Tanker loading – 10 to 30 MT
Loading – W/o Pallet	50KG,100KG,250KG,300KG – 20 to 24 MT/20FCL 1300-1400 KG IBC Tank – 22 to 25 MT/20FCL
Loading – On Pallet	50KG & 100KG – 18 to 20MT/20FCL 250KG & 300KG – 22 to 26 MT/20FCL
Shelf Life	12 Month under proper storage condition*

** Proper Storage condition: Keep container tightly closed, keep in cool, dry and ventilated place, and avoid strong acid.*

Technical Data Sheet

Lithium Silicate Liquid			
Product Name		Lithium Silicate Liquid	
Product Code		LS -10	
Technical Data Sheet (Properties)			
Chemical Properties			
Sr. NO	Characteristic	Unit	Specification
1	Weight. Ratio	-	5.9 ± 0.10
2	Molar. Ratio	-	2.95 ± 0.10
3	Li ₂ O Content	%	2.0 ± 0.1
4	SiO ₂ Content	%	20.0 ± 0.5
5	Concentration	%	22 ± 0.5
Physical Properties			
6	Appearance	-	Clear /Translucent Liquid
7	Ph (1% Solution)	-	10 - 11
8	Viscosity @ 25 °C	cP	≤ 15
9	Sp Gravity	-	1.18 ± 0.02

Packing, Loading & Shelf life.

Packing	50KG,100KG,1800KG HDPE Drums , 800 to 1000 KG IBC Tank Tanker loading – 10 to 30 MT
Loading – W/o Pallet	50KG,100KG,250KG – 20 MT/20FCL 1300-1400 KG IBC Tank – 22 to 25 MT/20FCL
Loading – On Pallet	50KG & 100KG – 18 to 20MT/20FCL 250KG & 300KG – 22 to 26 MT/20FCL
Shelf Life	12 Month under proper storage condition*

** Proper Storage condition: Keep container tightly closed, keep in cool, dry and ventilated place, and avoid strong acid.*