



Shakti Chemicals

**At SHAKTI CHEMICALS**  
**we keep quality**  
**as our top priority.**

ISO 9001-2015 CERTIFIED  
COMPANY SINCE 1983



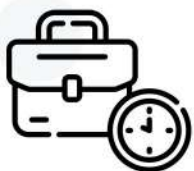


**Shakti Chemicals**

ISO 9001-2015 CERTIFIED

# Global Export

Exporting to U.A.E. / Oman / Kuwait / Malaysia /  
Indonesia / Australia / South Africa / South America



**37+**

YEARS OF  
EXPERIENCE



**30+**

TEAM  
MEMBERS



**15+**

PRODUCTS  
RANGE



**500+**

HAPPY  
CLIENTS



# Shakti Chemicals

ISO 9001-2015 CERTIFIED

SHAKTI CHEMICALS established in 1983. Since inception Shakti Chemicals has witnessed substantial growth in the field of manufacturing and exporting of Oilfield chemicals, raw materials to Caramel colour industry and Photographic chemicals.

Under guidance of founder of company Mr. M.N.Shimpi & Mr. B.K.Patel, "SHAKTI CHEMICALS" has delivered Quality, Consistency and Honesty in business with growing number of clients in INDIA as well as global market.

Our main products are Ammonium Bisulphite, Ammonium Sulphite Solution, Potassium Sulphite, Potassium Bisulphite, Potassium Thiosulphate, Potassium Hydroxide Solution, Sodium Metabisulphite, Sodium Bisulphite Solution, Sodium Thiosulphate. We also produce our products with customer customisation and keep accuracy in material to be supplied within standard specifications.

## OUR VISION

Shakti Chemicals to become a unique name in oil field chemicals, caramel colour industry and Industrial chemicals with growing number of customers in India as well as all over the world.

## OUR MISSION

Growth through quality of products & services through continuous improvement & research with a focused approach in the global economy of new millennium to maintain its global presence & leadership position in photographic, oilfield and caramel colour industry.



## OUR CORE VALUES

- Integrity
- Creativity
- Safety
- Ethical Standard
- Customer Satisfaction
- Technological Renewal
- Openness Learning

पूरा/पूरा/पूरा

**REGISTERED**

**fssa**  
Food Safety & Standards Authority of India

राष्ट्रीय खाद्य सुरक्षा प्राधिकरण  
A Statutory Authority under FSS Act, 2006  
(एन एफ एल एक्टिव, 2006 के अधीन एक वैधानिक प्राधिकरण)  
Western Region, Unit No.302, 3rd Floor,  
Maf Mark, Business Plaza,  
Opposite Guru Nanak Hospital Bandra (East), Mumbai - 400051  
यूनिट नं 302, 3rd फ्लोर माफ मार्क बिजनेस प्लाजा, बान्द्रा पूर्व, मुंबई - 400051

**Dated/दिनांक:** 07/10/2016

**SHAKTI CHEMICALS**  
Survey No.266/1, 2, 260/3, 4, At Baska, Halol -  
Vadodra Road, Tal. Halol, Dist. Panchmahal,  
Gujarat, (GUJARAT/PANCHMAHAL) (Gujarat), 389352

**Subject:** Grant of License (New)  
विषय: लाइसेंस (नया) प्रदान करना

Sr.  
प्रति,

Please refer to your Application ID CLS1610000173925 dated 07/10/2016 regarding grant of new license under FSS Act, 2006. The new license for the above mentioned application is granted as per the details given below:

कृपया अपने आवेदन संख्या CLS1610000173925 दिनांक 07/10/2016 का संदर्भ लें। उपरोक्त आवेदन के संबंध में नया लाइसेंस प्रदान करने के लिए निम्न विवरणों के अनुसार लाइसेंस प्रदान किया जा रहा है।

License Number/लाइसेंस संख्या	Category of License/लाइसेंस की श्रेणी	Date of Grant/प्रदान करने की तारीख	Validity/ वैधता
10016021902318	Certified	07/10/2016	06/10/2021

The License is granted under and is subject to the provisions of Food Safety & Standards Act 2006, and Food Safety & Standards (Licensing and Registration of Food Businesses) Regulation, 2011.  
लाइसेंस उपरोक्त शर्तों के अधीन प्रदान किया जा रहा है। लाइसेंस प्राप्त करने वाले को फूड सैफ्टी एंड स्टैंडार्ड्स एक्ट, 2006 के अधीन और फूड बिजनेस (लाइसेंसिंग और रजिस्ट्रेशन) विनियम, 2011 के अधीन सभी प्रावधानों का पालन करना होगा।

The license should be kept in safe custody within the authorized premises and should be made available as and when required by licensing authority or their officials. A true copy of the license shall be displayed at a prominent place at all times within the authorized premises where the food business is carried out. The application for renewal of license must be made in the specified format not later than 30 days prior to the expiry of validity mentioned above, after which Rs.100 per day will be charged up to the date of expiry. After expiry a fresh online application for grant of a new license will be required.

**TÜV NORD**

**CERTIFICATE**

Management system as per  
**ISO 9001 : 2015**

In accordance with TÜV NORD CERT procedures, it is hereby certified that

**SHAKTI CHEMICALS**  
At Baska, Halol - Baroda Road,  
Tal.: Halol, Dist. Panchmahal - 389 352,  
Gujarat,  
India

applies a management system in line with the above standard for the following scope

**Manufacture & Supply of Chemicals for Photographic, Oil Field, Agro and Food Applications**

Certificate Registration No. 44 100 18391805  
Audit Report No. Z-5-2514/2004

Valid until 03.09.2021  
Initial certification 25.03.2004

*S.K. Kulkarni*  
Certification Body  
at TÜV NORD CERT GmbH

Issue 04.08.2019  
Place: Mumbai

This certification was conducted in accordance with the TÜV NORD CERT auditing and certification procedures & shall be valid subject to regular Surveillance Audits.

TÜV NORD CERT GmbH Langemannstrasse 20 45147 Essen [www.tuv-nord-cert.com](http://www.tuv-nord-cert.com)  
TÜV India Pvt. Ltd. 801, Rahija Plaza - 1, L.B.S. Marg, Ghokapur (W), Mumbai - 400 086, India [www.tuv-nord.com/india](http://www.tuv-nord.com/india)

**IAF** **DAKKS**  
Deutscher  
Akademie  
für  
Normung  
und  
Zertifizierung

# Ammonium Bisulphite Solution – 60% Catalyst

No	PARTICULARS	LIMITS
1.	Formula	( $\text{NH}_4 \text{HSO}_3$ )
2.	Molecular Weight	99
3.	Physical appearance	Clear, Yellow coloured solution free From foreign particles.
4.	Ammonium Bisulphite $\text{NH}_4\text{HSO}_3$ percentage by mass	60% Min.
5.	Specific Gravity	1.35 TO 1.38
6.	pH	4 – 5 pH $\pm$ 0.5 pH
7.	Nickle	20 ppm
8.	Description	Yellow coloured liquid having strong smell of Sulphur Dioxide.
Standard Packing		250 KG. HDPE DRUMS / 1000 L IBC Tank

REMARKS: THIS PRODUCT HAS BEEN MANUFACTURED AND TESTED  
AS PER THE QUALITY SYSTEM LED BY SHAKTI CHEMICALS

## MANUFACTURERS & EXPOTERS OF:

- Ammonium Bisulphite Solution
- Ammonium Thiosulphate Solution
- Ammonium Sulphite Solution
- Potassium Sulphite Solution
- Potassium Bisulphite Solution
- Potassium Thiosulphate Solution
- Potassium Hydroxide Solution
- Sodium Bisulphite Solution



GRADE : TECHNICAL

# Ammonium Bisulphite Solution – 60%

No	PARTICULARS	LIMITS
1.	Formula	( $\text{NH}_4 \text{HSO}_3$ )
2.	Molecular Weight	99
3.	Physical appearance	Clear, Yellow coloured solution free From foreign particles.
4.	Ammonium Bisulphite $\text{NH}_4\text{HSO}_3$ percentage by mass	60% Min.
5.	Specific Gravity	1.35 TO 1.38
6.	pH	4 – 5 pH $\pm$ 0.5 pH
7.	Description	Yellow coloured liquid having strong smell of Sulphur Dioxide.
Standard Packing		250 KG. HDPE DRUMS / 1000 L IBC Tank

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- Ammonium Thiosulphate Solution
- Ammonium Sulphite Solution
- Potassium Sulphite Solution
- Potassium Bisulphite Solution
- Potassium Thiosulphate Solution
- Potassium Hydroxide Solution
- Sodium Bisulphite Solution

GRADE : TECHNICAL

# Ammonium Bisulphite Solution – 65%

No	PARTICULARS	LIMITS
1.	Formula	( $\text{NH}_4 \text{HSO}_3$ )
2.	Molecular Weight	99
3.	Physical appearance	Clear, Yellow coloured solution free From foreign particles.
4.	Ammonium Bisulphite $\text{NH}_4\text{HSO}_3$ percentage by mass	65% Min.
5.	Specific Gravity	1.37 TO 1.39
6.	pH	4 – 5 pH $\pm$ 0.5 pH
7.	Description	Yellow coloured liquid having strong smell of Sulphur Dioxide.
Standard Packing		250 KG. HDPE DRUMS / 1000 L IBC Tank

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- Ammonium Sulphite Solution
- Potassium Sulphite Solution
- Potassium Bisulphite Solution
- Potassium Thiosulphate Solution
- Potassium Hydroxide Solution
- Sodium Bisulphite Solution



# Ammonium Bisulphite Solution – 65% Catalyst

No	PARTICULARS	LIMITS
1.	Formula	( $\text{NH}_4 \text{HSO}_3$ )
2.	Molecular Weight	99
3.	Physical appearance	Clear, Yellow coloured solution free From foreign particles.
4.	Ammonium Bisulphite $\text{NH}_4\text{HSO}_3$ percentage by mass	65% Min.
5.	Specific Gravity	1.37 TO 1.39
6.	pH	4 – 5 pH $\pm$ 0.5 pH
7.	Nickle	20 ppm
8.	Description	Yellow coloured liquid having strong smell of Sulphur Dioxide.
Standard Packing		250 KG. HDPE DRUMS / 1000 L IBC Tank

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## MANUFACTURERS & EXPOTERS OF:

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- Ammonium Thiosulphate Solution
- Ammonium Sulphite Solution
- Potassium Sulphite Solution
- Potassium Bisulphite Solution
- Potassium Thiosulphate Solution
- Potassium Hydroxide Solution
- Sodium Bisulphite Solution



GRADE : TECHNICAL

# Ammonium Bisulphite Solution – 70%

No	PARTICULARS	LIMITS
1.	Formula	( $\text{NH}_4 \text{HSO}_3$ )
2.	Molecular Weight	99
3.	Physical appearance	Clear, Yellow coloured solution free From foreign particles.
4.	Ammonium Bisulphite $\text{NH}_4\text{HSO}_3$ percentage by mass	65% Min.
5.	Specific Gravity	1.39 TO 1.420
6.	pH	4 – 5 pH $\pm$ 0.5 pH
7.	Description	Yellow coloured liquid having strong smell of Sulphur Dioxide.
Standard Packing		250 KG. HDPE DRUMS / 1000 L IBC Tank

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## MANUFACTURERS & EXPOTERS OF:

- Ammonium Bisulphite Solution
- Ammonium Thiosulphate Solution
- Ammonium Sulphite Solution
- Potassium Sulphite Solution
- Potassium Bisulphite Solution
- Potassium Thiosulphate Solution
- Potassium Hydroxide Solution
- Sodium Bisulphite Solution

A large industrial facility, likely a chemical plant, is shown at sunset. The sky is a mix of orange, red, and purple. The plant features numerous tall distillation columns, storage tanks, and a complex network of pipes and structural steel. The facility is illuminated by its own lights, creating a bright contrast against the darkening sky. In the background, some city buildings are visible.

# Ammonium Sulphite Solution 40%

No	PARTICULARS	LIMITS
1.	Formula	$(\text{NH}_4)_2\text{SO}_3$
2.	Molecular Weight	116
3.	Assay as $(\text{NH}_4)_2\text{SO}_3$	38-40 %
4.	Specific Gravity	1.18 to 1.212
5.	pH	7 to 9
6.	Description	Clear solution having very slight tinge with faint smell of ammonia.
Standard Packing		250 KG. HDPE DRUMS / 1000 L IBC Tank

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## MANUFACTURERS & EXPOTERS OF:

- Ammonium Bisulphite Solution
- Ammonium Thiosulphate Solution
- Ammonium Sulphite Solution
- Potassium Sulphite Solution
- Potassium Bisulphite Solution
- Potassium Thiosulphate Solution
- Potassium Hydroxide Solution
- Sodium Bisulphite Solution



GRADE : TECHNICAL

# Ammonium Thiosulphate Solution

No	PARTICULARS	LIMITS
1.	Formula	$(\text{NH}_4)_2 \text{S}_2\text{O}_3$
2.	Molecular Weight	148.21
3.	Assay as $(\text{NH}_4)_2\text{S}_2\text{O}_3$	58 to 60 % W/W
4.	Specific Gravity	1.320 to 1.340
5.	pH	8 to 9.5 pH
6.	Free Ammonia	1 % Max
7.	Sulphite Content	1.5 % Max
8.	Description	Perfectly clear Colorless Solution with faint smell of Ammonia
Standard Packing		250 KG. HDPE DRUMS / 1000 L IBC Tank

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## MANUFACTURERS & EXPOTERS OF:

- Ammonium Bisulphite Solution
- Ammonium Thiosulphate Solution
- Ammonium Sulphite Solution
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- Potassium Bisulphite Solution
- Potassium Thiosulphate Solution
- Potassium Hydroxide Solution
- Sodium Bisulphite Solution

**GRADE : TECHNICAL**

# Potassium Hydroxide 45% Solution

No	PARTICULARS	LIMITS
1.	Formula	KOH
2.	C.A.S. NO.	1310-58-3
3.	Molecular Weight	56.1
4.	Assay as KOH	45 to 47 % W/V
5.	Specific Gravity	1.440 TO 1.470
6.	Description	Clear and Colourless solution.
Standard Packing		250 KG. HDPE DRUMS / 1000 L IBC Tank

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## MANUFACTURERS & EXPOTERS OF:

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- Ammonium Thiosulphate Solution
- Ammonium Sulphite Solution
- Potassium Sulphite Solution
- Potassium Bisulphite Solution
- Potassium Thiosulphate Solution
- Potassium Hydroxide Solution
- Sodium Bisulphite Solution



GRADE : TECHNICAL

# Potassium Sulphite Solution

No	PARTICULARS	LIMITS
1.	CAS Number	10117-38-1
2.	Formula	K <sub>2</sub> SO <sub>3</sub>
3.	Molecular Weight	158.27
4.	Purity	445% W/W
5.	Impurities Potassium	0.8% Max.
6.	Specific Gravity	1.447 TO 1.465
7.	Assay as K <sub>2</sub> SO <sub>3</sub>	45% W/W
8.	pH	9 TO 10 pH
9.	Iron	0.005 %
10.	Thiosulphate	0.008 %
11.	Description:	Colourless and near to colourless solution
Standard Packing		250 KG. HDPE DRUMS / 1000 L IBC Tank

APPLICATION : Potassium Sulfite Solution has industrial uses. It can be used for industrial water treatment and photographic industry.

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- Ammonium Thiosulphate Solution
- Ammonium Sulphite Solution
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- Potassium Bisulphite Solution
- Potassium Thiosulphate Solution
- Potassium Hydroxide Solution
- Sodium Bisulphite Solution

**GRADE : FERTILIZER**

# Potassium Thiosulphate Solution

No	PARTICULARS	LIMITS
1.	Potassium (K)	19.00 % MIN
2.	Sulphur (S)	16 to 17 %
3.	Specific Gravity	1.445 to 1.475
4.	pH	6.5 to 9.5 pH
5.	Potassium Thiosulphate	45 to 50 % W/W
6.	Description:	clear & Colourless Solution. KTS contains between 19 to 21 % Potash and 16 to 17 % Sulphur as per requirement of client.

**Standard Packing**

**250 KG. HDPE DRUMS / 1000 L IBC Tank**

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## MANUFACTURERS & EXPOTERS OF:

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- Potassium Bisulphite Solution
- Potassium Thiosulphate Solution
- Potassium Hydroxide Solution
- Sodium Bisulphite Solution



# Sodium Bisulphite Solution 35%

No	PARTICULARS	LIMITS
1.	Molecular Formula	<b>NaHSO<sub>3</sub></b>
2.	Molecular Weight	104
3.	Density	1.345-50
4.	pH Value of 5% Solution	4.5 to 5.5
5.	% as NaHSO <sub>3</sub>	35% min.
6.	Description:	Pale straw coloured liquid containing 35 % Sodium Bisulphite.
<b>Standard Packing</b>		<b>250 KG. HDPE DRUMS / 1000 L IBC Tank</b>

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## MANUFACTURERS & EXPOTERS OF:

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- Potassium Bisulphite Solution
- Potassium Thiosulphate Solution
- Potassium Hydroxide Solution
- Sodium Bisulphite Solution

GRADE : FERTILIZER

# Sodium Bisulphite Solution 38%

No	PARTICULARS	LIMITS
1.	Molecular Formula	Na H SO <sub>3</sub>
2.	Molecular Weight	104
3.	Density	1.345-50
4.	pH Value of 5% Solution	4 to 4.5
5.	% as NaHSO <sub>3</sub>	38% min.
6.	Description:	Pale straw coloured liquid containing 38 % Sodium Bisulphite.

**Standard Packing**

**250 KG. HDPE DRUMS / 1000 L IBC Tank**

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## MANUFACTURERS & EXPOTERS OF:

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- Ammonium Thiosulphate Solution
- Ammonium Sulphite Solution
- Potassium Sulphite Solution
- Potassium Bisulphite Solution
- Potassium Thiosulphate Solution
- Potassium Hydroxide Solution
- Sodium Bisulphite Solution



GRADE : TECHNICAL

# Potassium Bisulphite Solution

No	PARTICULARS	LIMITS
1.	Physical Appearance	Very slight yellowish coloured clear solution .
2.	Specific Gravity	1.235 at R.T.
3.	Boumi	48
4.	pH	3.42 pH
5.	Purity (as KHSO <sub>3</sub> )	30.16 %
Standard Packing		50 Kg. HDPE bag with extra liner inside.
REMARKS: THIS PRODUCT HAS BEEN MANUFACTURED AND TESTED AS PER THE QUALITY SYSTEM LED BY SHAKTI CHEMICALS		

## MANUFACTURERS & EXPOTERS OF:

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- Potassium Thiosulphate Solution
- Potassium Hydroxide Solution
- Sodium Bisulphite Solution



**Shakti Chemicals**

## GET IN TOUCH WITH US

### **Shakti Chemicals:**

Survey No. - 266/1-2 , 269/3-4

At. Baska, Halol Vadodara Road,

Halol Dist. , Panchmahal,

Gujarat - 389352.

Landline : 91 2676 247355

Mobile : 91 94098 32789

[sales@shaktichemicals.com](mailto:sales@shaktichemicals.com)

[www.shaktichemicals.com](http://www.shaktichemicals.com)