

CHAITANYA CHS, 2<sup>nd</sup> FLOOR, OFFICE # 206, SIDDHARTH NAGAR, S.V.ROAD, GOREGAON (W), MUMBAI 400062, MH, INDIA.  
CONTACT: +9122 28725393 /94/ 95 | EMAILID: CARE@SUVCHEM.COM

## MATERIAL SAFETY DATA SHEET (MSDS)

### TETRA BUTYL AMMONIUM HYDROGEN SULPHATE AR

#### 1. Identification of the substance/mixture and of the company/undertaking

##### 1.1. Product identifier

Trade name : TETRA BUTYL AMMONIUM HYDROGEN SULPHATE AR

Product code : T0203400100

Identification of the product : TETRABUTYL AMMONIUM HYDROGEN SULPHATE AR  
CAS No: 32503-27-8

##### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Use : Industrial. For professional use only.

##### 1.3. Details of the supplier of the safety data sheet

Company identification : SUVCHEM  
Chaitanya Tower, 2nd Floor, Office # 206,  
Siddharth Nagar, S.V. Road,  
Goregaon (West), Mumbai - 400062,  
Maharashtra, India.  
Contact: +91 22 28725393 / 94 / 95  
Email ID: info@suvchem.com/care@suvchem.com

##### 1.4. Emergency telephone number

Phone no. : + 91 22 28725393 / 94 / 95 (9:00am - 6:00 pm) [ Office hours ]

#### 2. Hazards identification -DSD

##### 2.1. Classification of the substance or mixture

##### Classification EC 67/548 or EC 1999/45

Classification : Xn; R22  
Xi; R36/37/38

##### Hazard Class and Category Code(s), Regulation (EC) No 1272/2008 (CLP)

Health hazards : Specific Target Organ Toxicity - Single exposure - Respiratory tract irritation -  
Category 3 - Warning (CLP : STOT SE 3) H335  
Skin irritation - Category 2 - Warning (CLP : Skin Corr. 2) H315  
Acute toxicity, Oral - Category 4 - Warning (CLP : Acute Tox. 4) H302  
Eye irritation - Category 2A - Warning (CLP : Eye Irrit. 2) H319

##### 2.2. Label elements

##### Labelling EC 67/548 or EC 1999/45

## TETRA BUTYL AMMONIUM HYDROGEN SULPHATE AR

### 2. Hazards identification -DSD (continued)

#### MATERIAL SAFETY DATA SHEET (MSDS)

Symbol(s)



Symbol(s)

: Xn : Harmful

R Phrase(s)

: R22 : Harmful if swallowed.  
R36/37/38 : Irritating to eyes, respiratory system and skin.

S Phrase(s)

: S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S36 : Wear suitable protective clothing.

#### Labelling Regulation EC 1272/2008 (CLP)

Hazard pictograms



Signal words

: Warning

Hazard statements

: H302 : Harmful if swallowed.  
H319 : Causes serious eye irritation.  
H315 : Causes skin irritation.  
H335 : May cause respiratory irritation.

Precautionary statements

• **Prevention**

: P280: Wear protective gloves, protective clothing, eye protection, face protection.  
P271: Use only outdoors or in a well-ventilated area.  
P261: Avoid breathing dust, fume, gas, mist, vapours, spray.  
P264: Wash thoroughly after handling.  
P270: Do not eat, drink or smoke when using this product.

• **Response**

: P302+P352: IF ON SKIN : Wash with plenty of soap and water.  
P301+P312: IF SWALLOWED : Call a POISON CENTER or doctor if you feel unwell.  
P332+P313: If skin irritation occurs : Get medical advice.  
P305+P351+P338: IF IN EYES : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P304+P340: IF INHALED : Remove to fresh air and keep at rest in a position comfortable for breathing.  
P363: Wash contaminated clothing before reuse.

• **Storage**

: P403+P233: Store in well-ventilated place. Keep container tightly closed.  
P405: Store locked up.

• **Disposal considerations**

: P501: Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

#### 2.3. Other hazards

Other hazards

: The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

# TETRA BUTYL AMMONIUM HYDROGEN SULPHATE AR

## 3. Composition/information on ingredients

Substance / Preparation : TETRABUTYL AMMONIUM HYDROGEN SULPHATE AR

Substance  
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Contains no other components or impurities which will influence the classification of the product

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## 4. First aid measures

### 4.1. Description of first aid measures

**Inhalation** : Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell.

**Skin contact** : Specific treatment (see on this label). Wash contaminated clothing before reuse. Get medical advice. If skin irritation occurs : Wash with plenty of soap and water.

**Eye contact** : Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists : Get medical advice. Rinse cautiously with water for several minutes.

**Ingestion** : Obtain emergency medical attention. Rinse mouth. Call a POISON CENTER or doctor if you feel unwell. Do NOT induce vomiting.

### 4.2. Most important symptoms and effects, both acute and delayed

**Symptoms relating to use** : Swallowing a small quantity of this material will result in serious health hazard.  
Causes serious eye irritation.  
Causes skin irritation. May cause respiratory irritation.

### 4.3. Indication of any immediate medical attention and special treatment needed

**General information** : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

## 5. Fire-fighting measures

### 5.1. Extinguishing media

**Suitable extinguishing media** : Foam. Dry powder. Carbon dioxide. Water spray. Sand.

**Unsuitable extinguishing media** : Do not use a heavy water stream.

**Surrounding fires** : Use water spray or fog for cooling exposed containers.

### 5.2. Special hazards arising from the substance or mixture

**Hazardous combustion products** : Under fire conditions, hazardous fumes will be present.

### 5.3. Advice for fire-fighters

**Protection against fire** : Do not enter fire area without proper protective equipment, including respiratory protection.

# TETRA BUTYL AMMONIUM HYDROGEN SULPHATE AR

## 5. Fire-fighting measures (continued)

**6. Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

For emergency responders

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CONTACT: +91 22 28725393 / 94 / 95 | EMAILID: CARE@SUVCHEM.COMEquip cleanup crew with proper protection.  
Ventilate area.

For non-emergency personnel

: Evacuate unnecessary personnel.

**6.2. Environmental precautions****Environmental precautions**

: Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

**6.3. Methods and material for containment and cleaning up****Clean up methods**

: On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away from other materials.

**6.4. Reference to other sections**

See section 8. Exposure controls/personal protection

**7. Handling and storage****7.1. Precautions for safe handling****Handling**: Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area.  
Wash thoroughly after handling. Wash thoroughly after handling.**Technical protective measures**

: Provide good ventilation in process area to prevent formation of vapour.

**Special precautions**

: Avoid breathing dust, fume, gas, mist, vapours, spray.

**7.2. Conditions for safe storage, including any incompatibilities****Storage**

: Keep only in the original container in a cool, well ventilated place. Keep container tightly closed.

**Storage - away from**

: Strong bases. Strong acids. Sources of ignition. Direct sunlight.

**7.3. Specific end use(s)****Specific end use(s)**

: None.

**TETRA BUTYL AMMONIUM HYDROGEN SULPHATE AR****8. Exposure controls/personal protection****8.1. Exposure controls****Personal protection**

: Avoid all unnecessary exposure.

• **Respiratory protection**

: Wear approved mask.

• **Hand protection**

: Wear protective gloves.

- Skin protection : Wear suitable protective clothing.
- Eye protection : Chemical goggles or safety glasses.
- Others : When using, do not eat, drink or smoke.

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**8.2. Control parameters**

Occupational Exposure Limits : No data available.  
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**9. Physical and chemical properties**

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**9.1. Information on basic physical and chemical properties**

Physical state at 20 °C	: Solid.
Colour	: White crystalline
Odour	: Amine like
Odour threshold	: No data available.
pH value	: Not applicable.
Melting point [°C]	: 169 - 1710C
Decomposition point [°C]	: N/A
Critical temperature [°C]	: N/A
Auto-ignition temperature [°C]	: N/A
Flammability (solid, gas)	: N/A
Flash point [°C]	: N/A
Boiling point [°C]	: N/A
Initial boiling point [°C]	: N/A
Final boiling point [°C]	: N/A
Evaporation rate	: N/A
Vapour pressure [20°C]	: N/A
Vapour pressure mm/Hg	: N/A
Vapour density	: N/A
Density [g/cm3]	: N/A
Relative density, gas (air=1)	: N/A
Relative density, liquid (water=1)	: N/A
Solubility in water [% weight]	: Appreciable (> 10%)
Solubility in water	: N/A

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**9. Physical and chemical properties (continued)**

Log Pow octanol / water at 20°C	: No data available.
Solubility	: 1 - 2
Viscosity at 40°C [mm2/s]	: N/A

**9.2. Other information**

Explosive properties	: N/A
Explosion limits - upper [%]	: N/A
Explosion limits - lower [%]	: N/A
Oxidising properties	: No data available.

## 10. Stability and reactivity

### 10.1. Reactivity

Reactivity : Not established.

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10.2. Chemical stability CHAITANYA CHEM<sup>ND</sup> FLOOR, OFFICE # 206, SIDDHARTH NAGAR, S.V.ROAD, GOREGAON (W), MUMBAI 400062, MH, INDIA.  
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Chemical stability : Stable under recommended storage conditions.

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### 10.3. Possibility of hazardous reactions

Hazardous reactions : Not established.

### 10.4. Conditions to avoid

Conditions to avoid : Direct sunlight. Extremely high or low temperatures.

### 10.5. Incompatible materials

Materials to avoid : Strong acids. Strong bases.

### 10.6. Hazardous decomposition products

Hazardous decomposition products : Fumes. Carbon monoxide. Carbon dioxide.

## 11. Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity

- Inhalation : Based on available data, the classification criteria are not met.
- Dermal : Based on available data, the classification criteria are not met.

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## TETRA BUTYL AMMONIUM HYDROGEN SULPHATE AR

### 11. Toxicological information (continued)

- Ingestion : Harmful if swallowed.
- Corrosion : Based on available data, the classification criteria are not met.
- Irritation : Causes serious eye irritation.  
Causes skin irritation.  
May cause respiratory irritation.
- Sensitization : Based on available data, the classification criteria are not met.
- Mutagenicity : Based on available data, the classification criteria are not met.
- Carcinogenicity : Based on available data, the classification criteria are not met.
- Toxic for reproduction : Based on available data, the classification criteria are not met.
- STOT-single exposure : Based on available data, the classification criteria are not met.
- STOT-repeated exposure : Based on available data, the classification criteria are not met.
- Aspiration hazard : Based on available data, the classification criteria are not met.

## 12. Ecological information

### 12.1. Toxicity

Toxicity information : Not established.

### 12.2. Persistence - degradability

Persistence - degradability : Biodegradable.

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### 12.3. Bioaccumulative potential

Bioaccumulative potential : Not established.

### 12.4. Mobility in soil

Mobility in soil : Not established.

### 12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment : The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

### 12.6. Other adverse effects

Environmental precautions : Avoid release to the environment.

## 13. Disposal considerations

### 13.1. Waste treatment methods

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## TETRA BUTYL AMMONIUM HYDROGEN SULPHATE AR

### 13. Disposal considerations (continued)

General : Avoid release to the environment. Dispose in a safe manner in accordance with local/national regulations.  
Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

## 14. Transport information

### 14.1. Land transport (ADR-RID)

General information : Not regulated.

### 14.2. Sea transport (IMDG) [English only]

General information : Not regulated.

### 14.3. Air transport (ICAO-IATA) [English only]

General information : Not regulated.

## 15. Regulatory information

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

**OM SHREE GANESHYA NAMAH**

**Safety, health and environmental regulations/legislation specific for the substance or mixture** : Ensure all national/local regulations are observed.

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**REACH Restrictions - Annex XVII** : The components of this product are not subject to restrictions.

**REACH Authorisation - Annex XIV** : The components of this product are not subject to authorization.

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**15.2. Chemical Safety Assessment** CONTACT: +9122 28725393 /94/ 95 | EMAILID: CARE@SUVCHEM.COM

**Chemical Safety Assessment**

**MATERIAL SAFETY DATA SHEET (MSDS)**

**16. Other information**

**Revision** : Revision - See : \*

**Abbreviations and acronyms** : PBT: persistent, bioaccumulative and toxic.  
vPvB: very persistent and very bioaccumulative

**Sources of key data used** : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

**Further information** : None.

**TETRA BUTYL AMMONIUM HYDROGEN SULPHATE AR**

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- **SUVCHEM** shall not be responsible for any damage resulting from handling or from contact with the above product.
- **SUVCHEM** provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product.

**End of document**



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