



## SMITE CHEMICAL INDIA CO., LIMITED

1st Floor, JMD Pacific Square, Behind 29 Milestone, Delhi (NH - 08) Gurgaon, India

### TECHNICAL DATA SHEET

1. Trade name:	USHDADB-35
2. Chemical name:	Bis(2,2,2-dodecyldimethylbutylammonium bromide) ether
3. CBNumber:	CB4060643
4. Appearance/Colour:	Yellow transparent liquid, fatty odor
5. Odour:	Odourless
6. PH:	4.5~8.0
7. Purity ( HPLC ) %:	12 min
8. Color:	50max
9. Spec gravity at 25°C:	1.10~1.15g/cm <sup>3</sup>
10. As ppm:	2 max
11. Co ppm:	1 max
12. Cr ppm:	1 max
13. Hg ppm:	1 max
14. Ni ppm:	1 max
15. Pb ppm:	5 max
16. Heavy Metals ppm (Pb):	20 max
17. Package:	25kg plastic drums
<b>Application:</b> Skin conditioners	

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### Material Safety Data Sheet

**MSDS Version No.:**

**Issue Date:19-NOV-2003**

#### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Chemical name:** Bis(2,2,2-dodecyldimethylbutylammonium bromide) ether

**Commercial name:** USHDADB-35

**Chemical family:**

**Usage:** Cosmetic industry

**Manufacturer:** Smite chemical (India) co..Ltd.

TEL number: +91 724 24954271

FAX number: +91 724 24954277

Information Department: Quality control department

Emergency information:

During normal hours quality control department.

After normal hours call at +91 724 24954271

#### 2. PHYSICAL & CHEMICAL PROPERTIES

**Melting Point:** not applicable

**Form:** liquid

**Color:** yellowy

**Odor:** characteristic odor

Change in condition

**Melting point/Melting range:**  $\geq 40^{\circ}\text{C}$

**Boiling point/Boiling range:**  $200^{\circ}\text{C}$

**Sublimation temperature/ start:** Not determined

**Flash point:** Not applicable

**Ignition temperature:**  $\geq 200^{\circ}\text{C}$

**Decomposition temperature:**  $\geq 100^{\circ}\text{C}$

**Danger of explosion:** Product does not present an explosion hazard.

**Explosion limits:**

**Lower:** Not determined

**Upper:** Not determined

**Vapor pressure:** Not determined

**Density:** Not determined

**Solubility in water:** soluble



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**Content of mass:**  $\geq 12$

**Appearance & Odor:** yellow transparent liquid, fatty odor

### 3. STABILITY & REACTIVITY

**Chemical Stability:** stable under normal conditions

**Incompatibility:** May react with strong alkali or oxidizing agents

**Hazardous Decomposition:** biodegradable; burning can produce carbon monoxide and carbon dioxide

**Hazardous Polymerisation:** will not occur

### 4. HANDLING & STORAGE

Avoid contact with eyes. Wash thoroughly after handling. As with all chemicals, good industrial hygiene practices should be followed when handling this material.

Avoid freezing or excessive heat. Do not handle or store near an open flame, heat or other sources of ignition. Keep the container tightly closed and in a cool, well-ventilated place.

### 5. ACCIDENTAL RELEASE MEASURES

Isolate spill area immediately. Keep unauthorized personnel away. Ventilate closed spaces before entering. Do not touch or walk through spilled material. Prevent entry into waterways, sewers, basements or confined areas. Surface may become slippery after spillage. Use vacuum or broom sweeping and remove to disposal container. If damped, flush with water.

### 6. EXPOSURE CONTROL & PERSONAL PROTECTION

**Respiratory Protection:** in case of formation of vapors or aerosols, use NIOSH/OSHA-approved respiratory equipment.

**Protective Clothing:** Gloves recommended to prevent prolonged skin contact. Safety glasses goggles, or face shield recommended for eye protection.

**Other Protective Measures:** Employees must practice good personal hygiene, washing exposed areas of skin several times daily and laundering contaminated clothing before re-use

### 7. HAZARDS IDENTIFICATION

**General:** not a primary irritant agent.

**Inhalation:** Inhalation of vapors or mist may be irritating to the respiratory system.

**Eye Contact:** Not a primary eye irritant, but contact with eyes may cause mild,



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transient irritation.

**Skin Contact:** Not a primary skin irritant, but repeated or prolonged contact with skin may cause mild, transient irritation

**Ingestion:** may cause gastrointestinal irritation.

### 8. FIRST AID MEASURES

**Eyes:** Irrigate eyes with a heavy stream of water for at least 20 minutes. Seek medical attention if symptoms persist.

**Skin:** Wash exposed areas of the body with plenty of water.

**Inhalation:** Remove from area of exposure. If breathing is difficult, give oxygen. Seek medical attention if symptoms persisting.

**Ingestion:** Consult a physician immediately. Never give anything by mouth to an unconscious person.

### 9. FIRE FIGHTING MEASURES

**Extinguishing Media:** water spray, foam, carbon dioxide, or dry powder

**Fire Fighting Procedures:** Firefighters should wear full fire-fighting turning-out gear (full Bunker gear) including NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode

### 10. TOXICOLOGICAL INFORMATION

LD/LCSO values that are relevant for classification:		
Dermal	LDLo	300 mg/kg (mus)

**Dermal and Eye Irritation:** not a primary eye or skin irritant

**Carcinogenicity:** not carcinogen by OSHA, NTP, or IARC

**Mutagenicity:** not data available

### 11. DISPOSAL CONSIDERATIONS

Storage and disposal must be in accordance with applicable local, state & federal disposal regulations. Characterization and compliance with applicable laws are the responsibility solely of the generator.

### 12. TRANSPORT INFORMATION

**DOT Shipping Name:** Refer to corresponding hazard class

**ADR/RIC Code:** Refer to corresponding hazard class

**Sea Transport IMDG Code:** Refer to corresponding hazard class

**Air Transport IATA:** Refer to corresponding hazard class



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