


SDS (Safety Data Sheet)

Polyquaternium-7

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Polyquaternium-7	Company Details	ASES CHEMICAL WORKS
Chemical Name:	2-Propen-1-aminium,N,N-dimethyl-N-2-propenyl-,chloride,polymer with 2-propenamamide		Brahm Bagh, Jalori Gate
INCI Name:	Polyquaternium-7		Jodhpur - 342001 Rajasthan-India
CAS Number:	26590-05-6		Ph: +91-9636889954
Formula:	n/a		Email : ecom@ases.in Website : www.ases.in
Product Form:	Liquid		
Product Use:	Cosmetic use		

2 HAZARDS IDENTIFICATION

GHS Classification :	Not classified								
GHS Signal Word:	WARNING								
GHS Hazard Pictograms:									
GHS Hazard Statements:	H400: Very toxic to aquatic life								
GHS Precautionary Statements:	P281: Use personal protective equipment as required								
Potential Health Hazards:	Eyes: Not an eye irritant Inhalation: May be harmful if inhaled. Causes respiratory tract irritation. Skin: Not a skin irritant. Ingestion: May be harmful if swallowed								
NFPA Ratings (704):	<table border="1"> <tr> <td>Health</td> <td>0</td> </tr> <tr> <td>Flammability</td> <td>1</td> </tr> <tr> <td>Reactivity</td> <td>0</td> </tr> <tr> <td>Specific Hazard</td> <td>n/a</td> </tr> </table>	Health	0	Flammability	1	Reactivity	0	Specific Hazard	n/a
Health	0								
Flammability	1								
Reactivity	0								
Specific Hazard	n/a								

3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Polyquaternium -7	26590-05-6	5-10%	n/a

4 FIRST AID MEASURES

Eyes:	Any material that contacts the eye should be washed out immediately with water. If easy to do, remove contact lenses.
Inhalation:	Remove exposed person to fresh air if adverse effects are observed.
Skin:	Wash with soap and water. If skin irritation occurs, get medical attention.
Ingestion:	Treat symptomatically. Get medical attention

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	Use water spray, dry chemical or foam for extinction. CO2 may be ineffective on large fires.
Special protective equipment & precautions for firefighters:	Wear full protective fire gear including self-containing breathing apparatus operated in the positive pressure mode with full face piece, coat, pants, gloves and boots. When heated, hazardous gases are released including chlorine, hydrogen chloride, and sulfur dioxide. See section 10 for additional information. Material will not burn until water has been evaporated. Container may rupture on heating. Water or foam may cause frothing. Avoid solid streams of water. Use water spray.
Specific hazards arising from the chemical:	

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:
Environmental precautions:

See section 8 for recommendations on the use of personal protective equipment.

Methods and material for containment and cleaning up:

Prevent spillage from entering drains. Any release to the environment may be subject to federal/national or local reporting requirements
Pick up and arrange disposal without creating dust. Sweep up and place in suitable, closed containers for disposal. Clean surfaces thoroughly with water to remove residual contamination. Dispose of all waste and cleanup materials in accordance with regulations

7 HANDLING & STORAGE

Precautions for safe handling:

See section 8 for recommendations on the use of personal protective equipment. Use with adequate ventilation. Wash thoroughly after using. Keep container closed when not in use. Avoid formation of dusts.

Conditions for safe storage

Store in cool, dry well ventilated area. Keep away from incompatible materials (see section 10 for incompatibilities).

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Polyquaternium-7	n/a	n/a	n/a

TWA: Time Weighted Average over 8 hours of work.
TLV: Threshold Limit Value over 8 hours of work.
REL: Recommended Exposure Limit
PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit during x minutes.
IDLH: Immediately Dangerous to Life or Health
WEEL: Workplace Environmental Exposure Levels
CEIL: Ceiling

Personal Protection:

Eyes: Wear chemical safety glasses or goggles.
Inhalation: Consult with an industrial hygienist to determine the appropriate respiratory protection for your specific use of this material.
Skin: Wear nitrile or rubber gloves, apron or lab coat.
Other: Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance, Physical State:	Liquid	Vapor Pressure:	<18 torr (25°C to 77°F)
Odor:	Slight	Vapor Density:	<1
Taste:	n/a	Evaporation Rate:	Not available
Color:	Colorless	Flammability:	Not available
Molecular Weight:	n/a	Upper/lower Explosive Limit:	Not available
pH (2% sol. in water)	3.5 – 4.5	Solubility:	Soluble in water
Boiling Point:	Approximate 212°F (100°C)	Melting Point:	Not available
Specific Gravity:	Not available	Flash Point:	>201°F (94°C)

10 STABILITY AND REACTIVITY

Reactivity: No date available
Chemical Stability: Product is stable
Possibility of Hazardous Reactions: Will not occur
Conditions to Avoid: Do not freeze
Incompatible Materials: Strong oxidizers Hydrogen peroxide (H2O2)
Hazardous Decomposition Products: Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors. Hydrogen chloride. Chlorinated compounds. Nitrogen Oxides Ammonia. Irritating and toxic substances may be emitted decomposition or combustion may liberate carbon oxides and other toxic gases or vapors. Hydrogen chloride. Chlorinated compounds.
Special Remarks: Not available

11 TOXICOLOGICAL INFORMATION

Acute Toxicity: LD50 > 39,800 mg/kg (supplier information)
Skin: Not a skin irritant

Eyes:	Not an eye irritant
Respiratory:	Not available
Carcinogenicity:	Not available
Teratogenicity:	Not available
Germ Cell Mutagenicity:	Not available
Embryotoxicity:	Not available
Specific Target Organ Toxicity:	Not available
Reproductive Toxicity:	Not available
Respiratory/Skin Sensitization:	Not available

12 ECOLOGICAL INFORMATION

Ecotoxicity

Aquatic Vertebrate:	Not available
Aquatic Invertebrate:	EC 50 (Water flea (Daphnia Magna), 2 d):11 mg/l
Terrestrial:	Not available
Persistence and Degradability:	Not available
Bioaccumulative Potential:	Not available
Mobility in Soil:	Not available
PBT and vPvB Assessment:	Not available
Other Adverse Effects:	Not available

13 DISPOSAL CONSIDERATIONS

Waste Residues: Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.

Product Containers: Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.

The information in section 13 is for the product as shipped. Use and/or alterations to the product may significantly change the characteristics of the material and alter the waste classification and proper disposal methods

14 TRANSPORT INFORMATION

DOT (Dept. of Transportation, USA):	Not dangerous goods
TDG (Transportation of Dangerous Goods, Canada):	Not dangerous goods
IMDG (International Maritime Dangerous Goods):	Not dangerous goods
IATA (International Air Transport Association):	Not dangerous goods
ICAO (International Civil Aviation Organization):	Not dangerous goods

15 REGULATORY INFORMATION

TSCA Inventory Status:	Not available
DSCL (EEC):	Not available
California Proposition 65:	Not available
SARA 302:	Not available

16 OTHER INFORMATION

Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.

ASES CHEMICAL WORKS

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CERTIFICATE OF ANALYSIS

1. Name of the Product	Polyquaternium 7
2. INCI Name	Polyquaternium 7, water, sodium benzoate
3. CAS Number	26590-05-6, 7732-18-5, 532-32-1
4. Batch Number & Mfg Date	As mentioned on Label
5. Date Of Exp	3 Years from Mfg Date
6. Date of Analysis	01-02-2024

Analytical Tests	Specification	Analysis
Appearance	Clear colorless liquid, characteristic faint odor	Pass
Viscosity at 25°C (Brookfield)	7500-15000 cp	13994 cp
pH Value at 25°C	3.3-4.5	4.1
Color (APHA)	0-15	5
PPM Acrylamide	≤1	1
Solids %	8.8-9.8%	9.7%
Turbidity, NTU	<5.0	1.1

The above data were obtained using the test indicated and is subject to the deviation inherent in the test method. Results may vary under other test methods or conditions.