



SAFETY DATA SHEET

1. Identification:

1.1 Product Name: **UltraHydro-50B**
1.2 Recommended Uses: Cosmetic Ingredient
1.3 Company: Ultra Chemical Inc.
1.4 Address: The Galleria, 2 Bridge Ave., Red Bank, New Jersey, U.S.A.
1.5 Office Telephone: 732-224-0200
1.6 Emergency Information: 732-224-0200

2. Hazards Identification:

2.1 Classification:
Acute Tox. (Inhalation): Category 4
Skin Irritation: Non-irritating
Eye Irritation: Non-irritating

2.2 Label Elements:
Hazard Pictogram:



Signal Word: Warning
GHS Classification: Flammable (Category 3)
2.3 Hazards Statements: H226
2.4 Precaution Statements: P210

3. Composition/Information on Ingredients:

3.1 Chemical Identity: Polyisobutene & Isododecane
3.2 CAS No.: 9003-29-6 & 13475-82-6
3.3 EINECS No.: 297-629-8 & 236-757-0

4. First-Aid Measures:

4.1 General Information:
Inhalation: Move to fresh air and seek medical attention.
Skin Contact: Remove contaminated clothing. Wash affected area with soap and water. If irritation persists contact a physician.
Eye Contact: Flush eye for at least 15 minutes. Do not rub. If irritation persists seek medical attention.



- Ingestion: Do not induce vomiting. Seek medical attention.
4.2 Most Important Symptoms: Irritation.
4.3 Indication of Immediate Medical Attention: Prolonged irritation.

5. Fire Fighting Measures:

- 5.1 Suitable Extinguishing Media: Dry Chemical, CO₂.
5.2 Special Hazards: None.
5.3 Advise for Firefighters: No special requirements needed.

6. Accidental Release Measures:

- 6.1 Personal Precautions: Wear safety glasses, chemical resistant gloves and apron.
6.2 Environmental Precautions: Adequate ventilation and inform respective authorities, do not discharge into ground water.
6.3 Methods for Cleaning Up: Soak up with inert absorbent material (e.g. sand, silica gel, sawdust). Dispose of material in an approved local, state and federal manner.

7. Handling and Storage:

- 7.1 Precautions for Safe Handling: Wear chemical resistant gloves, apron and safety glasses.
7.2 Conditions for Safe Storage: Room temperature, sealed containers, avoid external heat sources.

8. Exposure Controls/Personal Protection:

- 8.1 Control Parameters: N/A
8.2 Appropriate Engineering Controls: None
8.3 Personal Protective Equipment: Avoid contact with eyes and no special requirements for eye or hand protection when used under normal conditions.

9. Physical and Chemical Properties:

- 9.1 Physical Form: Clear viscous liquid
9.2 Color: Colorless
9.3 Odor: Characteristic
9.4 Boiling Point: 176 – 192°C
9.5 pH: N/A
9.6 Solubility: Insoluble in water
9.7 Flash Point: 37.5°C (ASTM D92)
9.8 Specific Gravity: 0.890

10. Stability and Reactivity:

- 10.1 Reactivity: No special reactivity known.



10.2 Chemical Stability:	Stable when stored in a sealed container at room temperature.
10.3 Possibility of Hazardous Reactions:	Hazardous reaction does not occur.
10.4 Conditions to Avoid:	Keep away from direct sunlight and ignition sources.
10.5 Incompatible Materials:	Strong oxidizing agents.
10.6 Hazardous Decomposition Products:	Stable under normal conditions.

11. Toxicological Information:

11.1 Likely Routes of Exposure:	
Acute Inhalation Toxicity:	
Isododecane	Acute toxicity estimate: >21.4 mg/L (rat) Exposure time: 4 hr Method: LC50
Primary Skin Irritation:	Non-irritating.
Primary Eye Irritation:	Non-irritating.
11.2 Symptoms:	Irritation.
11.3 Delayed and Immediate Effects:	None known.

12. Ecological Information:

12.1 Aquatic Toxicity:	
Isododecane	>0.04 mg/kg (daphnia)
12.2 Persistence and Degradability:	No data available.
12.3 Bioaccumulative Potential:	No data available.
12.4 Mobility in the Soil:	No data available.
12.5 Other Adverse Effects:	No data available.

13. Disposal Considerations:

- 13.1 Product: Product must be disposed of according to all appropriate regulations, do not allow material to enter sewage system.
- 13.2 Container: Dispose of them in accordance with all local, state, and federal regulations.

14. Transport Information:

14.1 DOT Regulations:	
Hazard Class:	3
Identification Number:	2286
Label:	3
Packaging Group:	III
Proper Shipping Name:	Pentamethylheptane mixture
14.2 Land Transport ADR/RID:	
ADR/RID Class:	3
Danger Code (Kemler):	30



UN Number: 2286
Label: 3
Packaging Group: III
Proper Shipping Name: Pentamethylheptane mixture

14.3 Maritime Transport IMDG:
IMDG Class: 3
UN Number: 2286
Label: 3
Packaging Group: III
EMS Number: F-E, S-D
Marine Pollutant: No
Proper Shipping Name: Pentamethylheptane mixture

14.4 Air Transport ICAO-TI and IATA-DGR:
ICAO/IATA Class: 3
UN/ID Number: 2286
Label: 3
Packaging Group: III
Proper Shipping Name: Pentamethylheptane mixture

15. Regulatory Information:

15.1 SARA
Section 355: None of the ingredients is listed.
Section 313: None of the ingredients is listed.
TSCA: 9003-29-6 (Polybutenes)

15.2 Proposition 65: None of the ingredients is listed.

15.3 Safety, Health, Environmental: Flammable.

15.2 HMIS III Codes: H-1, F-2, PH-0

15.3 Symbols: Flammable.

16. Other Information:

16.1 Rev. #: 20171025
16.2 Date: 25-Oct-2017