

## Decahydroisoquinoline 6329-61-9 MSDS

### Section 1. IDENTIFICATION

**Product name:** Decahydroisoquinoline (cis- and trans- mixture, predominantly trans-isomer)

**Revision number:** 5

### Section 2. HAZARDS IDENTIFICATION

**GHS classification**

**PHYSICAL HAZARDS**

Category 4

**Flammable liquids**

**HEALTH HAZARDS**

Category 2

**Skin corrosion/irritation**

**Serious eye damage/eye irritation** Category 2A

**ENVIRONMENTAL HAZARDS** Not classified

**GHS label elements, including precautionary statements**

**Pictograms or hazard symbols**

**Signal word** Warning

Combustible liquid

**Hazard statements**

Causes skin irritation

Causes serious eye irritation

**Precautionary statements:**

Keep away from flames and hot surfaces.

**[Prevention]**

Wash hands thoroughly after handling.

Wear protective gloves and eye/face protection.

**[Response]** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses,

if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

IF ON SKIN: Gently wash with plenty of soap and water.

If skin irritation occurs: Get medical advice/attention.

Take off contaminated clothing and wash before reuse.

**[Storage]** Store in a well-ventilated place. Keep cool.

**[Disposal]** Dispose of contents/container through a waste management company authorized by

the local government.

### Section 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Substance/mixture:** Substance

Decahydroisoquinoline (cis- and trans- mixture, predominantly trans-isomer)

**Components:**

**Percent:** >98.0%(GC)

**CAS Number:** 6329-61-9

**predominantly trans-isomer)**

#### Section 4. FIRST AID MEASURES

**Inhalation:** Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Get medical advice/attention if you feel unwell.

**Skin contact:** Remove/Take off immediately all contaminated clothing. Gently wash with plenty of

soap and water. If skin irritation or rash occurs: Get medical advice/attention.

**Eye contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present

and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**Ingestion:** Get medical advice/attention if you feel unwell. Rinse mouth.

**Protection of first-aiders:** A rescuer should wear personal protective equipment, such as rubber gloves and air-tight goggles.

#### Section 5. FIRE-FIGHTING MEASURES

Dry chemical, foam, carbon dioxide.

**Suitable extinguishing**

**media:**

**Unsuitable extinguishing Water (It may scatter and spread fire.)**

**media:**

**Specific hazards arising Take care as it may decompose upon combustion or in high temperatures to**

**from the chemical:** generate poisonous fume.

**Precautions for firefighters: Fire-extinguishing work is done from the windward and the suitable fire-extinguishing**

method according to the surrounding situation is used. Uninvolved persons should evacuate to a safe place. In case of fire in the surroundings: Remove movable containers if safe to do so.

**Special protective equipment:** When extinguishing fire, be sure to wear personal protective equipment.

**equipment for firefighters:**

#### Section 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions,** Use personal protective equipment. Keep people away from and upwind of spill/leak.

**protective equipment and Ensure adequate ventilation. Entry to non-involved**

**personnel should be controlled**

**emergency procedures:** around the leakage area by roping off, etc.

**Environmental precautions:** Prevent product from entering drains.

**Methods and materials for Absorb spilled material in a suitable absorbent (e.g. rag, dry sand, earth, saw-dust).**

**containment and cleaning** In case of large amount of spillage, contain a spill by bunding. Adhered or collected

**up:** material should be promptly disposed of, in accordance with appropriate laws and regulations.

**Prevention of secondary** Remove all sources of ignition. Fire-extinguishing devices should be prepared in

**hazards:** case of a fire. Use spark-proof tools and explosion-proof equipment.

## Section 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Technical measures:** Handling is performed in a well ventilated place. Wear suitable protective equipment.

Prevent generation of vapour or mist. Keep away from flames and hot surfaces. Take measures to prevent the build up of electrostatic charge. Use explosion-proof equipment. Wash hands and face thoroughly after handling.

Use a closed system, ventilation.

**Advice on safe handling: Avoid contact with skin, eyes and clothing.**

**Conditions for safe storage, including any incompatibilities**

**Storage conditions:** Keep container tightly closed. Store in a cool, dark and well-ventilated place.

Store under inert gas.

Store away from incompatible materials such as oxidizing agents.

Air-sensitive

**Packaging material:** Comply with laws.  
**predominantly trans-isomer)**

## Section 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering controls:** Install a closed system or local exhaust as possible so that workers should not be

exposed directly. Also install safety shower and eye bath.

**Personal protective equipment**

**Respiratory protection: Vapor respirator. Follow local and national regulations.**

Protective gloves.

**Hand protection:**

**Eye protection:** Safety glasses. A face-shield, if the situation requires.

**Skin and body protection: Protective clothing. Protective boots, if the situation requires.**

## Section 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical state (20°C):** Liquid

**Form:** Clear

Colorless - Pale reddish yellow

**Colour:**

**Odour:** No data available

**pH:** No data available

**Melting point/freezing point:** No data available

**Boiling point/range:** No data available

**Flash point:** 79°C

**Flammability or explosive**

**limits:**

**Lower:** No data available

**Upper:** No data available

**Relative density:** 0.93

**Solubility(ies):**

**[Water]** No data available

**[Other solvents]** No data available

## Section 10. STABILITY AND REACTIVITY

**Chemical stability:** Stable under proper conditions.

**Possibility of hazardous No special reactivity has been reported.**

**reactions:**

Open flame

**Conditions to avoid:**

**Incompatible materials: Oxidizing agents**

**Hazardous decomposition Carbon monoxide, Carbon dioxide, Nitrogen oxides (NOx)**

**products:**

## Section 11. TOXICOLOGICAL INFORMATION

**Acute Toxicity:** No data available

**Skin corrosion/irritation: No data available**

**Serious eye** No data available

**damage/irritation:**

**Germ cell mutagenicity: No data available**

**Carcinogenicity:**

**IARC =** No data available

**NTP =** No data available

**Reproductive toxicity:** No data available

## Section 12. ECOLOGICAL INFORMATION

**Ecotoxicity:**

**Fish:** No data available

No data available

**Crustacea:**

**Algae:** No data available

**Persistence / degradability:** No data available

**Bioaccumulative potential(BCF):** No data available

**Mobility in soil**

**predominantly trans-isomer)**

### **Section 13. DISPOSAL CONSIDERATIONS**

Recycle to process, if possible. Consult your local regional authorities. You may be able to burn in a chemical

incinerator equipped with an afterburner and scrubber system. Observe all federal, state and local regulations when

disposing of the substance.

### **Section 14. TRANSPORT INFORMATION**

**Hazards Class:** Does not correspond to the classification standard of the United Nations

**UN-No:** Not listed

### **Section 15. REGULATORY INFORMATION**

**Safe management ordinance of dangerous chemical product (State Council announces on January 26, 2002**

**and revised on February 16,2011): Safe use and production, the storage of a dangerous chemical, transport,**

loading and unloading were prescribed.

### **SECTION 16 - ADDITIONAL INFORMATION**

N/A