

## Chemical Safety Data Sheet MSDS / SDS

**DECAMETHONIUM IODIDE**Revision Date:2026-03-20 Revision Number:1

---

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****Product identifier**

Product name : DECAMETHONIUM IODIDE  
CBnumber : CB8132356  
CAS : 1420-40-2  
EINECS Number : 215-816-4

**Relevant identified uses of the substance or mixture and uses advised against**

Relevant identified uses : For R&D use only. Not for medicinal, household or other use.  
Uses advised against : none

**Company Identification**

Company : Chemicalbook  
Address : Building 1, Huihuang International, Shangdi 10th Street, Haidian District, Beijing  
Telephone : 010-86108875

---

**SECTION 2: Hazards identification****GHS Label elements, including precautionary statements**

Signal word : Danger

**Precautionary statements**

P264 Wash skin thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.  
P405 Store locked up.  
P501 Dispose of contents/container to.....

**Hazard statements**

H301 Toxic if swallowed

---

**SECTION 3: Composition/information on ingredients****Substance**

Product name : DECAMETHONIUM IODIDE  
Synonyms : Procuran;eulixine

CAS : 1420-40-2  
EC number : 215-816-4  
MF : C16H38I2N2  
MW : 512.3

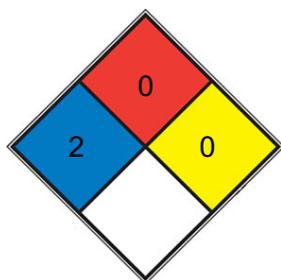
---

## SECTION 4: First aid measures

---

## SECTION 5: Firefighting measures

### NFPA 704



HEALTH 2 Intense or continued but not chronic exposure could cause temporary incapacitation or possible residual injury (e.g. [diethyl ether](#), ammonium phosphate, iodine)

---

FIRE 0 Materials that will not burn under typical fire conditions, including intrinsically noncombustible materials such as concrete, stone, and sand. Materials that will not burn in air when exposed to a temperature of 820 °C (1,500 °F) for a period of 5 minutes.(e.g. Carbon tetrachloride)

---

REACT 0 Normally stable, even under fire exposure conditions, and is not reactive with water (e.g. helium,[N2](#))

---

SPEC.  
 HAZ.

---

## SECTION 6: Accidental release measures

---

## SECTION 7: Handling and storage

---

## SECTION 8: Exposure controls/personal protection

### control parameter

#### Hazard composition and occupational exposure limits

Does not contain substances with occupational exposure limits.

---

## SECTION 9: Physical and chemical properties

**Physical state**

powder to crystal

---

**SECTION 10: Stability and reactivity**

---

**SECTION 11: Toxicological information**

---

**SECTION 12: Ecological information**

---

**SECTION 13: Disposal considerations**

---

**SECTION 14: Transport information**

---

**SECTION 15: Regulatory information**

---

**SECTION 16: Other information****Abbreviations and acronyms**

CAS: Chemical Abstracts Service

TWA: Time-Weighted Average

STEL: Short-Term Exposure Limit

LD50: Lethal Dose 50%

LC50: Lethal Concentration 50%

EC50: Effective Concentration 50%

PEL: Permissible Exposure Limit

TLV: Threshold Limit Value

IMDG: International Maritime Dangerous Goods Code

IATA: International Air Transport Association

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

DOT: US Department of Transportation

NFPA: National Fire Protection Association

NIOSH: National Institute for Occupational Safety and Health

OSHA: Occupational Safety and Health Administration

**Disclaimer:**

The information in this MSDS is only applicable to the specified product, unless otherwise specified, it is not applicable to the mixture of this product and other substances. This MSDS only provides information on the safety of the product for those who have received the appropriate professional training for the user of the product. Users of this MSDS must make independent judgments on the applicability of this SDS. The authors of this MSDS will not be held responsible for any harm caused by the use of this MSDS.