

# Otto Chemie Pvt Ltd

An ISO 9001 : 2015 & GMP Certified Company  
Office : No 603, 6th Floor, Tardeo AC Market, 87, Tardeo Road,  
Tardeo, Mumbai, Maharashtra 400034, India (BHARAT)  
Tel : + 91 98200 41841 Email : [info@ottokemi.com](mailto:info@ottokemi.com) Web : [www.ottokemi.com](http://www.ottokemi.com)

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## MATERIAL SAFETY DATA SHEET (MSDS)

### SECTION 1: Product identifiers

Product Name : Collodion 4%  
Product Code : C 2455

1.2. Relevant identified uses of the substance or mixture and uses advised against  
Use : Industrial. For professional use only.

1.3. Details of the supplier of the safety data sheet  
Company identification  
OTTO CHEMIE PVT LTD  
No 603, 6th Floor, Tardeo AC Market, 87, Tardeo Road,  
Tardeo, Mumbai, Maharashtra 400034, India (BHARAT)

1.4. Emergency telephone number  
Phone no. : + 91 98200 41841 (10 : 00 am – 06 : 00 pm)

### SECTION 2 - Composition/Information on Ingredients

CAS# Chemical Name : % EINECS#  
Collodion  
No components need to be disclosed according to the applicable regulations.

### SECTION 3 - Hazards Identification

Risk advice to man and the environment  
Toxic if swallowed. Very toxic in contact with skin. Irritating to eyes, respiratory system and skin.

### SECTION 4 - First Aid Measures

Eyes: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.  
Skin: Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.  
Ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.  
Inhalation: If breathed in, move person into fresh air. If not breathing give artificial respiration Consult a physician.  
General advice: Consult a physician. Show this safety data sheet to the doctor in attendance.  
Notes to Physician:

### SECTION 5 - Fire Fighting Measures

Extinguishing Media  
Suitable: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.  
Special Protective  
Equipment For Firefighters: Wear self contained breathing apparatus for fire fighting if necessary.

### SECTION 6 - Accidental Release Measures

Product Code 36672  
Personal precautions: Use personal protective equipment. Avoid dust formation. Avoid breathing dust.  
Ensure adequate ventilation. Evacuate personnel to safe areas.  
Environmental precautions: Prevent further leakage or spillage if safe to do so. Do not let product enter drains.  
Methods for cleaning up: Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal.

### SECTION 7 - Handling and Storage

Handling: Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.  
Storage: Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

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#### DISCLAIMER

Otto Chemie Pvt Ltd - products are only for laboratory use only. Not for drug, medicinal, household or any other use. No liability accepted for mishandling in use - please test before use  
Otto Chemie Pvt Ltd - shall not be responsible for any damage resulting from handling or from contact with the above product.  
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This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product

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## SECTION 8 - Exposure Control / Personal Protection

### Personal Protective Equipment

Respiratory Protection: Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N99 (US) or type P2 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand Protection: The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it. Handle with gloves.

Eye Protection: Safety glasses

Skin and body protection: Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene measures: Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

## SECTION 9 - Physical and Chemical Properties

Physical State : Liquid  
Melting Point : -123°C  
Boiling Point : 36.111°C  
Flash Point : -32°C

## SECTION 10 - Stability and Reactivity

Storage stability: Stable under recommended storage conditions.

Materials to avoid: No data available

Hazardous decomposition

Products formed under fire conditions. - No data available

Product Code 36672

## SECTION 11: Toxicological information

11.1 Information on toxicological effects

Routes of Entry: Absorbed through skin. Dermal contact. Eye contact. Toxicity to Animals:

Oral LD50 Rat: 1500 mg/kg; Dermal LD50 Rabbit: 2000mg/kg

Inhalation LC50 Rat: > 50mg/L.

Chronic Effects on Humans: CARCINOGENIC EFFECTS: Classified None. by NTP, None. by OSHA, None. by NIOSH.

Other Toxic Effects on Humans: Hazardous in case of skin contact (irritant), of inhalation (lung irritant).

Special Remarks on Toxicity

to Animals: Not available.

Special Remarks on Chronic Effects on Humans: Not available.

Special Remarks on other Toxic Effects on Humans: Not available.

## SECTION 12 - Ecological Information

No data available

## SECTION 13 - Disposal Considerations

Product: Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Contaminated packaging: Dispose of as unused product.

## SECTION 14 - Transport Information

	IATA	IMO	RID/ADR
Shipping Name:	FLAMMABLE LIQUID, N.O.S		
Hazard Class: 3	3		3
UN Number:	1993	1993	1993
Packing Group: I   I			

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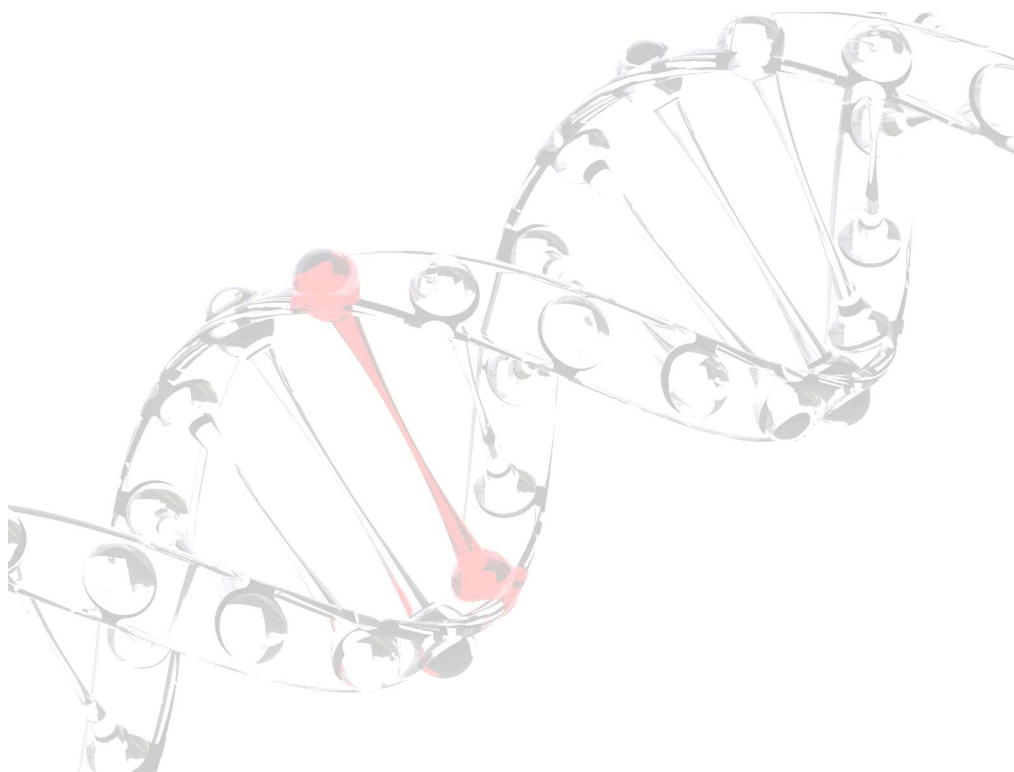
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## **SECTION 15 - Regulatory Information**

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

## **SECTION 16: Other Information**

This safety data sheet should be used in conjunction with technical sheets. It does not replace them. The information given is based on our knowledge of this product, at the time of publication. It is given in good faith. The attention of the user is drawn to the possible risks incurred by using the product for any other purpose other than that for which it was intended. This does not in any way excuse the user from knowing and applying all the regulations governing his activity. It is the sole responsibility of the user to take all precautions required in handling the product. The aim of the mandatory regulations mentioned is to help the user to fulfill his obligations regarding the use of hazardous products.



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