

Lugol, PVP-stabilized solution**367400****1. Identification of the product and the company**

Trade name : Lugol, PVP-stabilized solution.
Use : For professional use only.
Company identification : REACTIFS RAL S.A.
Site Montesquieu
33651 MARTILLAC CEDEX France
Tel : +33 (0) 5 57 96 04 04 Fax : +33 (0) 5 57 96 04 05
www.reactifs-ral.fr

2. Information on ingredients

This product is not considered to be hazardous but contains hazardous components.

Substance name	Value(s)	CAS nr	EINECS nr	EC index	Classification
Iodure de potassium	ca 2 %	7681-11-0	231-659-4	-----	
Iodine	ca 1 %	7553-56-2	231-442-4	053-001-00-3	Xn; R20/21 N; R50
Polyvinyl Pyrrolidone (PVP)	ca 10 %	9003-39-8	201-800-4	-----	

3. Hazards identification

Main hazards : No specific hazard in normal condition of use.
Primary route of exposure : Skin and eyes contact. Vapours inhalation.
Symptoms relating to use
- **Inhalation** : Not expected to present a significant inhalation hazard under anticipated conditions of normal use.
- **Skin contact** : Not expected to present a significant skin hazard under anticipated conditions of normal use.
- **Eye contact** : Not expected to present a significant eye contact hazard under anticipated conditions of normal use.
- **Ingestion** : Must not come into contact with food or be consumed. No significant signs or symptoms indicative of any adverse health hazard are expected to occur as a result of ingestion.

4. First aid measures

First aid
- **Inhalation** : If you feel unwell, seek medical advice.
- **Skin contact** : Seek medical attention if ill effect develops.
- **Eye contact** : Rinse with water. Seek medical attention if ill effect develops.
- **Ingestion** : Rinse mouth. Seek medical attention if ill effect develops.

5. Fire - fighting measures

Flammable class : Not flammable.
Extinguishing media : Powder. Carbon dioxide. Use extinguishing media appropriate for surrounding fire.
Protection against fire : Do not enter fire area without proper protective equipment, including respiratory protection.

Lugol, PVP-stabilized solution**367400****6. Accidental release measures**

- Personal precautions** : Equip cleanup crew with proper protection.
After spillage and/or leakage : Clean up any spills as soon as possible, using an absorbent material to collect it. Dispose in a safe manner in accordance with local/national regulations.

7. Handling and storage

- Handling** : Handle in accordance with appropriate industrial hygiene and safety procedures. Keep away from food, drink and animal feeding stuffs. Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.
Storage : Keep container closed when not in use.

8. Exposure controls / personal protection**Personal protection**

- **Respiratory protection** : Not required.
- **Hand protection** : Gloves.
- **Skin protection** : Wear suitable protective clothing.
- **Eye protection** : Safety glasses.
- **Ingestion** : When using do not eat or drink.
- Industrial hygiene** : Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

9. Physical and chemical properties

- Physical state** : Liquid.
Colour : Brown.
Density : 1.035

10. Stability and reactivity

- Physico-chemical stability** : Stable in normal temperature and pressure conditions.

11. Toxicological information

- Toxicity information** : No data available.

12. Ecological information

- Ecological effects information** : Avoid discarding in the environment.

13. Disposal considerations

- Disposal** : Dispose in a safe manner in accordance with local/national regulations.



MATERIAL SAFETY DATA SHEET

Page : 3 / 3

Revision nr : 3

Date : 12/10/2005

Supersedes : 24/8/2004

Lugol, PVP-stabilized solution**367400**

14. Transport information

- ADR/RID : Not regulated.
- ICAO/IATA : Unregulated.

15. Regulatory information

- Symbol(s) : None.
- R Phrase(s) : None.
- S Phrase(s) : None.

16. Other information

- Further information** : Product intended for professional use only.

The contents and format of this MSDS are in accordance with EEC Commission Directive 93/112/EEC.

DISCLAIMER OF LIABILITY

This sheet completes the technical sheet but 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 risks possibly incurred by using the product for other any purpose than 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 mandatory regulations mentioned are only intended to help the user to fulfil his obligations regarding the use of hazardous products.

This listing must not be considered exhaustive. It does not exonerate the user from ensuring that other legal obligations than those mentioned do not exist, relating to the use and storage of the product for which he solely is responsible.

End of document