

Section 1. Identification

1.1 Product Identifier

0657

Product Name OPA WORKING REAGENT

CAS Number Mixture

REACH Registration No A registration number is not available as the substance or its uses are exempt, the annual tonnage does not require a registration or the registration is envisaged for a later date.

1.2 Relevant identified uses of the substance or mixture & uses advised against

Uses of Material Chemical for industrial and laboratory use. Not suitable for domestic use.

1.3 Supplier



Grangefield Industrial Estate
Richardshaw Road
Pudsey
West Yorkshire
LS28 6QW
UNITED KINGDOM

Phone 44 113 2362811
Fax +44(0)113 2362703
Email safety@viclabs.co.uk
Website www.viclabs.co.uk

1.4 Emergency Telephone

(08:00-16:30) 44 113 2362811
(24hr) 112
(Have this document to hand)

Section 2. Hazards Identification

2.1 Classification of the substance or mixture

Classification according to regulation (EC) 1272/2008 as amended by GB-CLP Regulation, UK SI 2019/720 & UK SI 2020/1567

Flammable liquid, category 3

H226: Flammable liquid and vapour.

Reproductive toxicity, category 1B

H360: May damage fertility or the unborn child.

2.2 Label elements

Labelling according to regulation (EC) 1272/2008 as amended by GB-CLP Regulation, UK SI 2019/720 & UK SI 2020/1567

Signal word Danger

Hazard Pictograms



Hazard Statements May damage fertility or the unborn child. Flammable liquid and vapour.

Precautionary Statements Wear protective gloves / protective clothing / eye protection / face protection. IF exposed or concerned: Get medical advice/attention. Dispose of contents / container to an approved waste disposal plant

Section 3. Composition

3.2 Mixtures

Component	CAS No.	EC No.	REACH No.	Conc w/w	CLP Classification (1272/2008/CE)
Ethanol	64-17-5	200-578-6	01-2119457610-43-XXXX	~9.5%	Flam. Liq. 2,Eye Irrit. 2
Sodium tetraborate, decahydrate	1303-96-4	215-540-4	01-2119490790-32-XXXX	<2.2%	Eye Irrit. 2,Repr. 1B
Methanol	67-56-1	200-659-6	01-2119433307-44-XXXX	~0.5%	Flam. Liq. 2,Acute Tox. 3 (O),Acute Tox. 3 (D),Acute Tox. 3 (I),STOT SE 1

Section 4. First Aid

4.1 Description of first aid measures

Personal protection for first aiders Wear protective gloves / eye protection.

4.2 Most important symptoms and effects, both acute & delayed.

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed.

No further relevant information available.

Section 5. Fire Fighting

5.1 Extinguishing media

Unsuitable Media Consider what other flammable materials are present and act accordingly.

5.2 Special hazards arising from the substance or mixture

Hazards Presents no specific fire danger.

5.3 Advice for firefighters

Advice for firefighters Consider all other materials in the vicinity.

Section 6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

6.2 Environmental precautions

6.3 Methods and material for containment and cleaning up

6.4 Reference to other sections

See section 8.2 for information on protective equipment and section 13 for information on disposal.

Section 7. Storage & Handling

7.1 Precautions for safe handling

7.2 Conditions for safe storage, including any incompatibilities

7.3 Specific end use(s)

See section 1.2.

Section 8. Workplace Exposure & Personal Protection

8.1 Control parameters

Component	CAS No	Concentration	Workplace Exposure Limits		
			Long Term (8hr TWA)	Short Term 15min period	
Ethanol	64-17-5	~9.5%	1000.0 ppm	1920.0 mg/m ³	-
Sodium tetraborate, decahydrate	1303-96-4	<2.2%	-	-	5.0 ppm
Methanol	67-56-1	~0.5%	200.0 ppm	266.0 mg/m ³	250.0 ppm
					333.0 mg/m ³

Exposure data source(s) No hazardous components.

8.2 Exposure controls

Special Hazards No special precautions required.

Section 9. Physical & Chemical Properties

9.1 Information on basic physical and chemical properties

Odour	Not available
pH	Not applicable
Boiling Point	92.5 °C
Melting Point	-3 °C
Flash Point	49 °C (Closed cup)
Upper Flammable Limit	Not applicable
Lower Flammable Limit	Not applicable
Auto Ignition	Not applicable
Explosive Properties	Not applicable
Oxidising Properties	Not applicable
Vapour Pressure	Not applicable
Relative Density	1.004
Water Solubility	Completely soluble in water.

9.2 Other information

No data available.

Section 10. Stability & Reactivity

10.1 Reactivity	No data available.
10.2 Chemical Stability	No data available.
10.3 Possibility of hazardous reactions	No data available.
10.4 Conditions to Avoid	No specific conditions.
10.5 Incompatible materials	No specific materials to avoid.

Section 11. Toxicological Information

11.1 Information on toxicological effects

LD50 Skin	Not available
LD50 Oral	Not available
LD50 Inhalation	Not available
TCLo	Not available
Mutagenicity	No data available.
Reproductive Effects	Evidence of reproductive effects.

Section 12. Ecological

12.1 Toxicity	No data available.
LC50 Algal	Not available
LC50 Crustacea	Not available
LC50 Fish	Not available
12.2 Persistence and degradability	No data available.
12.3 Bioaccumulative potential	No data available.
12.4 Mobility in soil	No data available.
12.5 Results of PBT & vPvB assessment	Assessment not required.
12.6 Other adverse effects	None known at present.

Section 13. Disposal Considerations

13.1 Waste treatment methods

Section 14. Transport Information

14.1 UN Number	Non-restricted
14.2 Proper Shipping Name	Non-restricted
14.3 Transport classes	
UN classification	None
Subsidiary hazard(s)	None
Transport category	None
ADR Hazard ID	Non-restricted
Tunnel Restriction Code	Non-restricted
14.4 Packing Group	None
14.5 Environment hazards	See section 12.
14.6 Special precautions for user	No special precautions required.
14.7 Transport in bulk	Not transported in bulk.

Section 15. Regulatory Information

15.1 Safety, health and environment regulations specific for substance/mixture.

Classification, Labeling & Packaging of Substances & Mixtures Regulations (1272/2008/CE) as amended by GB-CLP Regulation, UK SI 2019/720 & UK SI 2020/1567

Classification Flammable liquid, category 3; Reproductive toxicity, category 1B

Signal word Danger

Hazard Pictograms



Hazard Statements H360, H226
May damage fertility or the unborn child. Flammable liquid and vapour.

Precautionary Statements P280, P308+P313, P501
Wear protective gloves / protective clothing / eye protection / face protection. IF exposed or concerned: Get medical advice/attention. Dispose of contents / container to an approved waste disposal plant

15.2 Chemical safety assessment

Assessment not required.

Section 16. Other Information

The information contained in this document only covers the hazards presented by this material, it DOES NOT constitute a workplace risk assessment. See sections 11 for toxicological information and section 12 for ecological information.

Revision number: 3.0 (Supercedes revision 2.0)

Revision date: 06 February 2025

Reviewed by chemist: 06 February 2025

Printed date: 27 December 2025

Copyright: 2025 Vickers Laboratories Ltd