

Safety Data Sheet

1. IDENTIFICATION:

1.1 Product Identifier:

Product Name: 0.02 NTU ProCal Standard
Catalog Numbers: 194200, 194280, 194281
CAS Number: Mixture
Chemical Formula: Mixture
Molecular Weight: Mixture
Synonyms: Turbidity Free Water

1.2 Relevant identified uses

Product Use: Analytical \ Laboratory Reagent

1.3 Detail of the supplier

Supplier: Tintometer Inc.
Address: Tintometer Inc, 6456 Parkland Drive,
Sarasota, FL 34243, USA
phone: (941) 756-6410, fax: (941) 727-9654
www.lovibond.us

1.4 Emergency Phone Number

Transportation Emergency Number: CHEMTREC® 24 hr US 800-424-9300
CHEMTREC® 24 hr International +1 (703) 527-3887

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:

None

2.2 Label elements

None

2.3 Other hazards

None

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	Cas Number	Weight %
Deionized Water	7732-18-5	>99.9%
Formaldehyde 37% Solution	Mixture	<0.1%

4. FIRST AID MEASURES

4.1 Description of necessary first-aid measures

Eye Contact: Immediately Flush with Excess Water for 15 Minutes

Skin Contact: Immediately Flush with Excess Water for 15 Minutes. Remove Contaminated Clothing.

Inhalation: Remove to Fresh Air

Ingestion: Give Large Quantities of Water. Call Physician.

4.2 Most important symptoms/effects, both acute and delayed

Described in section 2.2 and/or section 11

4.3 Indication of any immediate medical attention and special treatment needed

No data available

5. FIREFIGHTING MEASURES

5.1 Extinguishing Media:

Foam or Dry Chemical

5.2 Specific hazards arising from the substance or mixture:

None

5.3 Advice for firefighters

Fire Fighting Procedures: Wear self-contained breathing apparatus for firefighting if necessary.

NFPA Classification HEALTH: 2 FLAMMABLE: 1 REACTIVITY:0

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Wear Proper Personal Protective Equipment. See Section 8 for Additional Information.

6.2 Environmental precautions:

Keep away from drains, surface and ground water.

6.3 Methods and materials for containment and cleaning up

Remove Liquid with Absorbent Material and Seal in a Bag or Container for Disposal. Wash Spill Area Once Pickup is Complete.

6.4 Reference to other sections

Refer to Section 8 and 13 for more information.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling:

Wear Safety Glasses, Latex or Nitrile Gloves, and Lab Coat or Apron. Avoid Contact with Skin and Eyes. Do Not Ingest.

7.2 Conditions for safe storage, including any incompatibilities:

Store at Room Temperature. Do not Freeze.

7.3 Specific end use:

This product is intended for laboratory or analytical use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters:

No occupational exposure limit values determined

8.2 Exposure controls:

Appropriate Engineering Controls: Handle in accordance with good industrial hygiene and safety practices.

Personal Protective Equipment:

Eyes: Safety Glasses

Skin: Latex or Nitrile Gloves and Lab Coat or Apron

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance: Form: liquid / Color: Clear

Odour: Odorless

Odour threshold: No data available

pH: Neutral (6.5-7.5)

Melting point/freezing point: No data available

Initial boiling point and boiling range: 100°C / 212°F

Flashpoint: No data available

Evaporation Rate (Water=1): No data available

Flammability: Not considered flammable

Lower Flammability Limit: No data available

Upper Flammability Limit: No data available

Vapour Pressure: 760 mm Hg

Vapour Density: No data available

Relative Density: 1.0 g/cm³

Solubility: 100%

Partition Coefficient (n-octanol): No data available

Autoignition Temperature: No data available

Decomposition Temperature: No data available

Viscosity: No data available

Explosive properties: No data available

Oxidizing properties: No data available

9.2 Other Information: None

10. STABILITY AND REACTIVITY

10.1 Reactivity:

No data available

10.2 Chemical Stability

Product Stable under General Use and Storage Conditions.

10.3 Possibility of hazardous reactions

Hazardous polymerization will not occur

10.4 Conditions to avoid

No data available

10.5 Incompatible materials

No data available

10.6 Hazardous decomposition products

No data available

11. TOXICOLOGICAL INFORMATION

11.1 Information

Acute Toxicity: May cause skin, eye and gastrointestinal tract irritation

Irritation: May cause eye and skin irritation

Corrosivity: None

Sensitization: No data available

Repeated dose toxicity: No data available

Carcinogenicity: No component in this product present greater than or equal to 0.10% is identified as a probable, possible or confirmed human carcinogen by IARC, ACGIH, NTP or OSHA.

Mutagenicity: no data available

Toxicity to reproduction: No data available

12. ECOLOGICAL INFORMATION

12.1 Toxicity

No data 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 and vPvB assessment

No data available

12.6 Other adverse effects

No data available

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Dispose of in a manner consistent with Federal, State and Local Regulations.

14. TRANSPORT INFORMATION

UN Number: Not regulated

UN proper shipping name: Not regulated

Transport Hazard classes: Not regulated

Packing Group: Not regulated

Environmental Hazards: Not regulated

Special precautions for users: Not regulated

Transport in bulk: Not regulated

15. REGULATORY INFORMATION

CERCLA: No

SARA/Title III: No

TSCA Inventory: Yes

Cal. Proposition 65: No

WHMIS: No

DSL: No

NDSL: No

16. OTHER INFORMATION

ABOVE INFORMATION IS BELIEVED TO BE ACCURATE AND REPRESENTS THE BEST INFORMATION CURRENTLY AVAILABLE TO US. ALL PRODUCTS ARE OFFERED IN ACCORDANCE WITH THE MANUFACTURER'S CURRENT PRODUCTION SPECIFICATIONS AND ARE INTENDED SOLELY FOR USE IN ANALYTICAL TESTING. THE MANUFACTURER SHALL IN NO EVENT BE LIABLE FOR ANY INJURY, LOSS OR DAMAGE RESULTING FROM THE HANDLING, USE OR MISUSE OF THESE PRODUCTS.

Preparation Information:

Revision number: 0

Date of Revision: August 13, 2015

Safety Data Sheet

1. IDENTIFICATION:

1.1 Product Identifier:

Product Name: Turbidity Calibration Standards
Catalog Numbers: 194200, 194280, 194281
CAS Number: Mixture
Chemical Formula: Mixture
Molecular Weight: Mixture
Synonyms: N/A

1.2 Relevant identified uses

Product Use: Analytical \ Laboratory Reagent

1.3 Detail of the supplier

Supplier: Tintometer Inc.
Address: Tintometer Inc, 6456 Parkland Drive,
Sarasota, FL 34243, USA
phone: (941) 756-6410, fax: (941) 727-9654
www. lovibond.us

1.4 Emergency Phone Number

Transportation Emergency Number: CHEMTREC® 24 hr US 800-424-9300
CHEMTREC® 24 hr International +1 (703) 527-3887

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:

None

2.2 Label elements

None

2.3 Other hazards

None

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	Cas Number	Weight %
Deionized Water	7732-18-5	99.0%
Styrene Divinylbenzene Co-Polymer Beads	9003-70-7	0.97%
Antimicrobial	Mixture	0.02%
Non-ionic Surfactant	Mixture	0.01%

4. FIRST AID MEASURES

4.1 Description of necessary first-aid measures

Eye Contact: Immediately Flush with Excess Water for 15 Minutes

Skin Contact: Immediately Flush with Excess Water for 15 Minutes. Remove Contaminated Clothing.

Inhalation: Remove to Fresh Air

Ingestion: Give Large Quantities of Water. Call Physician.

4.2 Most important symptoms/effects, both acute and delayed

Described in section 2.2 and/or section 11

4.3 Indication of any immediate medical attention and special treatment needed

No data available

5. FIREFIGHTING MEASURES

5.1 Extinguishing Media:

Foam or Dry Chemical

5.2 Specific hazards arising from the substance or mixture:

None

5.3 Advice for firefighters

Fire Fighting Procedures: Wear self-contained breathing apparatus for firefighting if necessary.

NFPA Classification HEALTH: 0 FLAMMABLE: 0 REACTIVITY:0

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Wear Proper Personal Protective Equipment. See Section 8 for Additional Information.

6.2 Environmental precautions:

Keep away from drains, surface and ground water.

6.3 Methods and materials for containment and cleaning up

Remove Liquid with Absorbent Material and Seal in a Bag or Container for Disposal. Wash Spill Area Once Pickup is Complete.

6.4 Reference to other sections

Refer to Section 8 and 13 for more information.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling:

Wear Safety Glasses, Latex or Nitrile Gloves, and Lab Coat or Apron. Avoid Contact with Skin and Eyes. Do Not Ingest.

7.2 Conditions for safe storage, including any incompatibilities:

Store at Room Temperature. **Do not Freeze.**

7.3 Specific end use:

This product is intended for laboratory or analytical use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters:

No occupational exposure limit values determined

8.2 Exposure controls:

Appropriate Engineering Controls: Handle in accordance with good industrial hygiene and safety practices.

Personal Protective Equipment:

Eyes: Safety Glasses

Skin: Latex or Nitrile Gloves and Lab Coat or Apron

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance: Form: liquid / Color: Clear to white liquid (depending on the standard NTU value)

Odour: Odorless

Odour threshold: No data available

pH: Neutral (6.5-7.5)

Melting point/freezing point: No data available

Initial boiling point and boiling range: 100°C / 212°F

Flashpoint: No data available

Evaporation Rate (Water=1): No data available

Flammability: Not considered flammable

Lower Flammability Limit: No data available

Upper Flammability Limit: No data available

Vapour Pressure: 760 mm Hg

Vapour Density: No data available

Relative Density: 1.0 g/cm³

Solubility: 100%

Partition Coefficient (n-octanol): No data available

Autoignition Temperature: No data available

Decomposition Temperature: No data available

Viscosity: No data available

Explosive properties: No data available

Oxidizing properties: No data available

9.2 Other Information:

None

10. STABILITY AND REACTIVITY

10.1 Reactivity:

No data available

10.2 Chemical Stability

Product Stable under General Use and Storage Conditions.

10.3 Possibility of hazardous reactions

Hazardous polymerization will not occur

10.4 Conditions to avoid

No data available

10.5 Incompatible materials

No data available

10.6 Hazardous decomposition products

No data available

11. TOXICOLOGICAL INFORMATION

11.1 Information

Acute Toxicity: May cause skin and eye irritation

Irritation: May cause eye and skin irritation

Corrosivity: None

Sensitization: No data available

Repeated dose toxicity: No data available

Carcinogenicity: No component in this product present greater than or equal to 0.10% is identified as a probable, possible or confirmed human carcinogen by IARC, ACGIH, NTP or OSHA.

Mutagenicity: no data available

Toxicity to reproduction: No data available

12. ECOLOGICAL INFORMATION

12.1 Toxicity

No data 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 and vPvB assessment

No data available

12.6 Other adverse effects

No data available

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Dispose of in a manner consistent with Federal, State and Local Regulations.

14. TRANSPORT INFORMATION

UN Number: Not regulated

UN proper shipping name: Not regulated

Transport Hazard classes: Not regulated

Packing Group: Not regulated

Environmental Hazards: Not regulated

Special precautions for users: Not regulated

Transport in bulk: Not regulated

15. REGULATORY INFORMATION

CERCLA: No

SARA/Title III: No

TSCA Inventory: Yes

Cal. Proposition 65: No

WHMIS: No

DSL: No

NDSL: No

16. OTHER INFORMATION

ABOVE INFORMATION IS BELIEVED TO BE ACCURATE AND REPRESENTS THE BEST INFORMATION CURRENTLY AVAILABLE TO US. ALL PRODUCTS ARE OFFERED IN ACCORDANCE WITH THE MANUFACTURER'S CURRENT PRODUCTION SPECIFICATIONS AND ARE INTENDED SOLELY FOR USE IN ANALYTICAL TESTING. THE MANUFACTURER SHALL IN NO EVENT BE LIABLE FOR ANY INJURY, LOSS OR DAMAGE RESULTING FROM THE HANDLING, USE OR MISUSE OF THESE PRODUCTS.

Preparation Information:

Revision number: 0

Date of Revision: August 13, 2015