

CYCO CALIBRATION

SOLUTION pH 4.0

SAFETY DATA SHEET

SDS DATE 17/05/2017

SECTION 01 - IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name: Calibration Solution pH 4.0
 Product type: pH Buffer Solution
 Synonyms: N/A
 Product codes: 020
 Product Number: 0005
 Manufacturer: SJ Enterprises Pty Ltd
 Division: Australia
 Address: 7 O'Conner Court, Gepps Cross, South Australia, 5094 Australia
 Emergency phone: +61 8 8359 8732
 Chemtrec phone: 800-424-9300
 Other calls: +61 0430 217 040
 Fax phone: +61 8 83598732
 Chemical name: N/A
 Chemical family: N/A
 Chemical formula: N/A
 Product use: Ph Buffering Agent, Calibrating pH meter
 Prepared by: SJ ENTERPRISES PTY LTD Material Safety Data Sheet

SECTION 02 - HAZARDS IDENTIFICATION

Emergency overview: N/A

Potential Health Effects:

Eyes: May cause eye irritation.

Skin: May cause skin irritation. May be harmful if absorbed through the skin.

Ingestion: May cause irritation of the digestive tract. May be harmful if swallowed.

Inhalation: May cause respiratory tract irritation. May be harmful if inhaled.

SECTION 03 - COMPOSITION/INFORMATION ON INGREDIENTS

<u>CAS NO.</u>	<u>Chemical Name:</u>	<u>%</u>	<u>EINECS#</u>	<u>Hazard Symbols</u>	<u>Risk Phrases:</u>
877-24-7	Potassium hydrogen phthalate	1.0	212-889-4		
7732-18-5	Water	Balance	231-791-2		

Hazard Symbols: None listed

Risk Phrases: None listed

SECTION 04 - FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get medical attention if irritation persists.

SKIN: Immediately flush skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention if irritation develops.

INGESTION: Get medical aid. Wash mouth out with water

INHALATION: Remove to fresh air. Get medical attention for any breathing difficulty.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Treat symptomatically and supportively.

SECTION 05 - FIRE FIGHTING MEASURES

GENERAL INFORMATION: As in any fire, wear a self-contained breathing apparatus in pressure demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

EXTINGUISHING MEDIA: Substance is non-combustible; use agent most appropriate to extinguish surrounding fire.

SECTION 06 - ACCIDENTAL RELEASE MEASURES

GENERAL INFORMATION: Use proper personal protective equipment as indicated in Section 8.

SPILL/LEAKS: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container.

SECTION 07 - HANDLING AND STORAGE

The shelf life of Cyco liquid products will depend on storing them correctly, stored in a cool, dark location the unopened product has a shelf life of approx. 2 years, once the seal is broken the product has a shelf life of approx. 3 months. Always replace the cap as soon as possible after pouring to extend the life of the product. Do not store for long periods above 40°C or below - 10°C

SECTION 08 - EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS:

CAS# 7732-18-5:

Personal Protective Equipment

Eyes: Wear chemical splash goggles.

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Respirators: Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

SECTION 09 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Red

Odour: Odourless

Physical state: liquid

pH:4

Vapor Pressure: Not available

Viscosity: Not available

Boiling Point: Not available

Freezing/Melting Point: Not available

Autoignition Temperature: Not available

Flash Point: Not available

Explosion Limits: Lower: Not available

Explosion Limits: Upper: Not available

Decomposition Temperature: Not available

Solubility in water: Miscible

Specific Gravity/Density: 1.000

Molecular Formula:

Molecular Weight:

SECTION 10 - STABILITY AND REACTIVITY

Stability: stable

Conditions to avoid (stability): n/a

Incompatibility (material to avoid): n/a

Hazardous decomposition or by-products: n/a.

Hazardous polymerization: Has not been reported.

Conditions to avoid (polymerization): n/a

SECTION 11 - TOXICOLOGICAL INFORMATION

RTECS#: CAS# 877-24-7: CZ4326000
CAS# 7732-18-5: ZC0110000

LD50/LC50: RTECS:
CAS# 877-24-7: Dermal, guinea pig: LD50 = >1 gm/kg;
Oral, rat: LD50 = >3200 mg/kg;.

RTECS:
CAS# 7732-18-5: Oral, rat: LD50 = >90 mL/kg;.
Potassium hydrogen phthalate - Not listed as a carcinogen by

ACGIH, IARC, NTP, or CA
Prop 65.

Water - Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65.

The toxicological properties have not been fully investigated. See actual entry in RTECS for complete information.

Carcinogenicity:

Other:

SECTION 12 - ECOLOGICAL INFORMATION

Ecological information: No Data Found

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste Disposal Method: Dispose of in a manner consistent with federal, state and local regulations.

SECTION 14 - TRANSPORT INFORMATION

U.S. department of transportation not regulated

Proper shipping name: Not regulated as a hazardous material

Hazard class: Not regulated as a hazardous material

ID number: Not regulated as a hazardous material

Packing group:

Label statement:

Water transportation not regulated

Proper shipping name:

Hazard class:
TD number:
Packing group:
Label statements:

Air transportation not regulated

Proper shipping name:
Hazard class:
ID number:
Packing group:
Label statements:

SECTION 15 - REGULATORY INFORMATION

European/International Regulations

European Labelling in Accordance with EC Directives

Hazard Symbols: Not available

Risk Phrases:

Safety Phrases:

S 24/25 Avoid contact with skin and eyes.

WGK (Water Danger/Protection)

CAS# 877-24-7: Not available

CAS# 7732-18-5: Not available

Canada

CAS# 877-24-7 is listed on Canada's DSL List

CAS# 7732-18-5 is listed on Canada's DSL List

US Federal

TSCA

CAS# 877-24-7 is listed on the TSCA Inventory.

CAS# 7732-18-5 is listed on the TSCA Inventory.

SECTION 16 - OTHER INFORMATION



Pty Ltd
SJ ENTERPRISES
PLATINUM SERIES



7 O'CONNOR COURT, GEPPS CROSS 5094, ADELAIDE SOUTH AUSTRALIA
PHONE: +61 8359 8732 FAX: +61 8359 8732 EMAIL: INFO@CYCOFLOWER.COM

info@cycoflower.com

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