

SDS DATE 17/05/2017

SECTION 01 - IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name: Calibration Solution pH 7.0
 Product type: pH Buffer Solution
 Synonyms: N/A
 Product codes: 021
 Product Number: 0006
 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: Low hazard for normal industrial handling.

Skin: Low hazard for normal industrial handling.

Ingestion: Low hazard for normal industrial handling.

Inhalation: Low hazard for normal industrial handling.

SECTION 03 - COMPOSITION/INFORMATION ON INGREDIENTS

CAS NO.	Chemical Name:	%
7778-77-0	Potassium dihydrogen phosphate	<10
7558-79-4	Disodium Hydrogen phosphate	<10
7732-18-5	Water	Balance

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: If victim is conscious and alert, give 2-4 cups of milk or water. Never give anything by mouth to an unconscious person. Get medical aid if irritation or symptoms occur.

INHALATION: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid if cough or other symptoms appear.

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

Handling: Wash thoroughly after handling. Use only in a well-ventilated area. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation.

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

Engineering Controls:

Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

EXPOSURE LIMITS:

CAS# 7558-79-4:

Russia: 5 mg/m³ TWA

CAS# 7732-18-5:

CAS# 7778-77-0:

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: Green

Odour: Odourless

Physical state: liquid

pH: 7.0

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 with water,

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: Irritating and toxic gases.

Hazardous polymerization: Has not been reported.

Conditions to avoid (polymerization): n/a

SECTION 11 - TOXICOLOGICAL INFORMATION

RTECS#: CAS# 7558-79-4: WC4500000
CAS# 7732-18-5: ZC0110000
CAS# 7778-77-0: TC6615500

LD50/LC50: RTECS:
CAS# 7558-79-4: Draize test, rabbit, eye: 500 mg/24H Mild;
Draize test, rabbit, skin: 500 mg/24H Mild;
Oral, rat: LD50 = 17 gm/kg;

RTECS:
CAS# 7732-18-5: Oral, rat: LD50 = >90 mL/kg;

RTECS:
CAS# 7778-77-0: Skin, rabbit: LD50 = >4640 mg/kg;

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

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: Products considered hazardous for supply are classified as Special Waste and the disposal of such chemicals is covered by regulations which may vary according to location. Contact a specialist disposal company or the local authority or advice. Empty containers must be decontaminated before returning for recycling.

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:

USA RQ: CAS# 7558-79-4: 5000 lb final RQ; 2270 kg final RQ

SECTION 15 - REGULATORY INFORMATION

European/International Regulations

European Labelling in Accordance with EC Directives

Hazard Symbols: Not available

Risk Phrases:

Safety Phrases:

WGK (Water Danger/Protection)

CAS# 7558-79-4: I

CAS# 7732-18-5: Not available

CAS# 7778-77-0: I

Canada

CAS# 7558-79-4 is listed on Canada's DSL List

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

CAS# 7778-77-0 is listed on Canada's DSL List

US Federal

TSCA

CAS# 7558-79-4 is listed on the TSCA Inventory.
CAS# 7732-18-5 is listed on the TSCA Inventory.
CAS# 7778-77-0 is listed on the TSCA Inventory.

SECTION 16 - OTHER INFORMATION



Prepared by: SJ ENTERPRISES PTY LTD T/A CYCO INTERNATIONAL PTY LTD

info@cycoflower.com

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