

Symbol of Quality

GROW  MORE



World Headquarters

SAFETY DATA SHEET

SDS

I – PRODUCT IDENTIFICATION

TRADE NAME (as labeled): **pH UP 30% SOLUTION**

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DATE PREPARED/REVISED May 21, 2015

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II – HAZARD IDENTIFICATION

EMERGENCY OVERVIEW

APPEARANCE – Clear liquid

ODOR - Odorless

POTENTIAL HEALTH EFFECTS

EYES - H318 Causes damage to eyes.

SKIN - H314 Cause skin burns.

SWALLOWED – H302 Harmful if swallowed.

CARCINOGENICITY – PROPOSITION 65 – Not listed

SIGNAL WORD – DANGER!

PRECAUTIONARY STATEMENTS –

P102 – KEEP OUT OF REACH OF CHILDREN

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P302 + P340 + P312 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/ physician if you feel unwell.

P305 + P351 + P310 IF IN EYES: Rinse with water for 15 minutes. Remove contact lenses. Hold eye lids apart while flushing.

P362 Take off contaminated clothing and wash before reuse.

P405 Store locked up.



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III – COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS No.	%
Potassium Hydroxide	1310-58-3	30

IV – FIRST AID MEASURES

EYE CONTACT – Wash thoroughly with water for least 15 minutes. Remove contact lenses. Hold eyelids apart during flushing. Seek immediate medical attention, preferably with an ophthalmologist. If the physician is not immediately available, eye irrigation should be continued for an additional 20 minutes. If it is necessary to transport the patient to the physician and the eye needs to be bandaged, use a dry sterile cloth pad and cover both eyes.

SKIN CONTACT – Remove contaminated clothing and shoes, wash contaminated area with water and soap.

INHALED – Remove from exposure to fresh air. Administer oxygen if breathing is difficult. Do not use mouth-to-mouth method if the patient inhaled the substance. Give artificial respiration if patient is not breathing.

SWALLOWED – Rinse mouth. Drink 2-3 glasses of water and seek medical assistance immediately. Do not induce vomiting or give anything by mouth to an unconscious person. Do not leave patient unattended.

V – FIRE-FIGHTING MEASURES

SPECIAL FIREFIGHTING PROCEDURE – Keep unauthorized personnel away. Dike area to prevent contamination of water sources. Persons who may have been exposed to contaminated smoke should be immediately examined by a physician and checked for symptoms of poisoning. The symptoms should not be mistaken for heat exhaustion or smoke inhalation. Wear positive pressure self-contained breathing apparatus (SCBA).

UNUSUAL FIRE & EXPLOSION HAZARD – Not combustible. Under fire conditions, toxic, corrosive fumes are emitted.

FLAMMABLE PROPERTIES – Non-flammable

SUITABLE EXTINGUISH MEDIA – Water fog, foam, dry chemical powder. Carbon dioxide (CO₂).

UNSUITABLE EXTINGUISHING MEDIA – Do not use water jet as an extinguisher.

EXPLOSION POTENTIAL – Non-explosive

VI – ACCIDENTAL RELEASE MEASURES

SPILL RESPONSE PROCEDURE (Include employee protection measures) – Caution! Floors might be slippery. Wear personal protective equipment. Ventilate enclosed areas. Do not handle damaged containers or spilled materials.

Keep unauthorized personnel away. Dike spill using absorbent such as earth, sand or clay. Dike or retain dilution water.

Prevent entry into waterways, sewers, basements or confined areas. Neutralize spill area with soda ash, sodium bicarbonate or lime.

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VII – HANDLING AND STORAGE

To maintain product quality, store in cool dry place, do not store in heat or direct sunlight. Use good hygienic practices such as washing hands with soap after handling. Keep out of reach of children and pets. Do not reuse empty containers. Avoid breathing vapors and contact with skin and eyes. Do not smoke, eat and drink while handling this product.

VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION/ ENGINEERING CONTROLS – Local exhaust.

RESPIRATORY PROTECTION – MSHA/NIOSH approved respirator is advised where mist is generated.

EYE PROTECTION – Safety glasses or goggles where there is a potential eye contact.

SKIN PROTECTION – Wear protective work gown, rubber or plastic gloves or full-body suit.

IX – PHYSICAL AND CHEMICAL PROPERTIES

GENERAL INFORMATION

APPEARANCE – Clear liquid

ODOR – Odorless

BOILING POINT & MELTING POINT OR RANGE °F – N/A

FLAMMABILITY – Non-flammable

EXPLOSIVE PROPERTIES – Non-explosive

pH – very low

SPECIFIC GRAVITY – 1.29g/cm³ (10.82 lbs. /gal)

DECOMPOSITION TEMPERATURE – N/A

SOLUBILITY IN WATER – Infinite

X – STABILITY AND REACTIVITY

STABILITY – Stable under normal conditions of use.

CONDITIONS TO AVOID – Incompatible materials.

INCOMPATIBILITY – Ammonium compounds, neutral solution of unchelated metals such as copper, zinc, iron and manganese.

HAZARDOUS DECOMPOSITION PRODUCTS – N/A

HAZARDOUS POLYMERIZATION – Will not occur.

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XI – TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

SKIN IRRITATION – Cause skin burns.

EYE IRRITATION – Causes damage to eyes.

SWALLOWED – Harmful if swallowed.

SENSITIZATION – None

CHRONIC TOXICITY

REPRODUCTIVE EFFECTS – None known

CARCINOGENICITY – This products does not contain any substances that are considered carcinogens by OSHA, NTP, IARC or ACGIH

XII – ECOLOGICAL INFORMATION

ECOTOXICITY EFFECTS – The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

DEGRADABILITY – None known

XIII – DISPOSAL CONSIDERATIONS

Dispose of within current local and state regulations. No special method required. Do not reuse empty containers. Once empty, put in recycling if available, or put in trash.

XIV – TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

ID NUMBER – UN1814

HAZARD CLASS – 8

PACKING GROUP – III

XV – REGULATORY INFORMATION

TSCA STATUS – Not determined

OSHA STATUS – Not listed as hazardous

SARA/CERCLA HAZARD CLASSIFICATIONS – Acute

SECTION 302 – Extremely Hazardous Substances – Not listed

CALIFORNIA PROPOSITION 65 – Not listed

RCRA – Not listed

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XVI – OTHER INFORMATION

HAZARDOUS MATERIAL INFORMATION SYSTEM (USA)

NFPA

Health	3
Flammability	0
Instability	0
Special Hazard	0

Hazard Rating: 0=Least; 1-Slight; 2=Moderate; 3=High; 4=Severe

Disclaimer

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