

| | |
|---|---|
| FOR ANY EMERGENCY, 24 HOURS / 7 DAYS, CALL: | 1-800-654-6911 (OUTSIDE USA: 1-423-780-2970) |
| FOR ALL TRANSPORTATION ACCIDENTS, CALL CHEMTREC®: | 1-800-424-9300 (OUTSIDE USA: 1-703-527-3887) |
| FOR ALL SDS QUESTIONS & REQUESTS, CALL: | 1-800-511-MSDS (OUTSIDE USA: 1-423-780-2347) |

PRODUCT NAME: **ROBARB POOL & SPA TEST STRIPS**

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Supplier

Robarb
1400 Bluegrass Lakes Parkway ,
Alpharetta, GA, 30004
USA

Telephone: +17705215999
Telefax: +17705215959
Web: www.poolspacare.com

REVISION DATE: 05/26/2015
SUPERCEDES:

MSDS Number: 000000025673
SYNONYMS: None
CHEMICAL FAMILY: Not Applicable/Mixture
DESCRIPTION / USE: Water Testing Applications
FORMULA: NOT APPLICABLE

Manufacturer

Arch Chemicals, Inc.
1200 Bluegrass Lakes Parkway
Alpharetta, GA 30004

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Not a hazardous substance or mixture according to US Regulation 29 CFR 1910.1200 (HazCom2012).

GHS Label element

Not a hazardous substance or mixture according to US Regulation 29 CFR 1910.1200 (HazCom2012).
Based on available data, the classification criteria are not met. Handle in accordance with good industrial hygiene and safety practice.

Precautionary statements : **Prevention:**
P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P262 Do not get in eyes, on skin, or on clothing.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P270 Do not eat, drink or smoke when using this product.
Response:
P314 Get medical advice/ attention if you feel unwell.
Storage:
P410 + P403 Protect from sunlight. Store in a well-ventilated

place.

P402 + P404 Store in a dry place. Store in a closed container.

Disposal:

P501 Dispose of contents/container in accordance with local regulation.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS OR CHEMICAL NAME

CAS #

% RANGE

This product is considered to be an article under OSHA 29 CFR 1910.1200.

SECTION 4. FIRST AID MEASURES

| | |
|---------------|---|
| Inhalation: | Not a likely route of exposure. IF INHALED: Remove individual to fresh air. Seek medical attention if breathing becomes difficult or if respiratory irritation develops. |
| Skin Contact: | IF ON SKIN: Flush skin with water for 15 minutes. Take off all contaminated clothing. Seek medical attention if irritation develops. |
| Eye Contact: | Not a likely route of exposure. IF IN EYES: Flush eyes with plenty of water for at least 15 minutes. Seek medical attention if irritation develops. |
| Ingestion: | Not a likely route of exposure. IF SWALLOWED: Immediately drink water to dilute. Seek medical attention if symptoms develop. Never give anything by mouth to an unconscious person. |

SECTION 5. FIREFIGHTING MEASURES

Flammability Summary (OSHA): Product is not known to be flammable, combustible, pyrophoric or explosive.

Flammable Properties

| | |
|--|--|
| Flash Point: | Not applicable |
| Autoignition Temperature: | No data |
| Fire / Explosion Hazards: | Material may be ignited only if preheated to high temperatures, for example in a fire. |
| Extinguishing Media: | Choose extinguishing media suitable for surrounding materials. |
| Fire Fighting Instructions: | In case of fire, use normal fire-fighting equipment and the personal protective equipment recommended in Section 8 to include a NIOSH approved self-contained breathing apparatus. |
| Hazardous Combustion Products: | Carbon monoxide, Carbon dioxide |
| Upper Flammable / Explosive Limit, % in air: | Not applicable |

Lower Flammable / Explosive Limit, Not applicable
% in air:

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Protection for Emergency Situations: No extra protection required beyond that listed in Section 8. In case of fire, use normal fire fighting equipment.

Spill Mitigation Procedures

Additional Spill Information : Dispose of spill residues per guidelines under Section 13, Disposal Consideration.

SECTION 7. HANDLING AND STORAGE

Handling: Do not take internally. Avoid contact with skin, eyes and clothing. Upon contact with skin or eyes, wash off with water.
Storage: Keep tightly closed in a dry and cool place.
Incompatible Materials for Storage: Strong oxidizing agents

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation: Ventilation beyond that of general exhaust is not normally required. No exposure limits exist for the constituents of this product.

Protective Equipment for Routine Use of Product

Respiratory Protection : Respiratory protection not normally needed.
Respirator Type : Not normally required.
Skin Protection : Wear impervious gloves to avoid skin contact.
Eye Protection: Use safety glasses with side shields.
Protective Clothing Type: Impervious

This product is considered to be an article under OSHA 29 CFR 1910.1200.

Components with workplace control parameters

no data available

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: solid
Form: Test strips
Color: white
Odor: None
Molecular Weight: Not applicable

| | |
|--|---|
| pH : | Not applicable |
| Boiling Point: | Not applicable |
| Melting point/freezing point | Not applicable |
| Density: | No data |
| Vapor Pressure: | Not applicable |
| Vapor Density: | Not applicable |
| Viscosity: | Not applicable |
| Fat Solubility: | insoluble |
| Solubility in Water: | Insoluble |
| Partition coefficient n-octanol/water: | Not applicable |
| Evaporation Rate: | Not applicable |
| Oxidizing: | The substance has no oxidizing properties |
| Volatiles, % by vol.: | Not applicable |
| VOC Content | Not applicable |
| HAP Content | Not applicable |

SECTION 10. STABILITY AND REACTIVITY

| | |
|-----------------------------------|---|
| Stability and Reactivity Summary: | Product is not sensitive to mechanical shock or impact. Product is not sensitive to electrical static discharge. Product will not undergo hazardous polymerization. |
| Conditions to Avoid: | High temperatures |
| Chemical Incompatibility: | Strong oxidizing agents |
| Hazardous Decomposition Products: | Carbon monoxide, Carbon dioxide |
| Decomposition Temperature: | Not applicable |

SECTION 11. TOXICOLOGICAL INFORMATION

Product Animal Toxicity

| | | | |
|-------------------------------|------|------------------------------|--------|
| <u>Oral LD50 value:</u> | LD50 | Believed to be > 5,000 mg/kg | Rat |
| <u>Dermal LD50 value:</u> | LD50 | Believed to be > 2,000 mg/kg | Rabbit |
| <u>Inhalation LC50 value:</u> | | No data | |

| | |
|--------------------------------|--|
| Skin Irritation: | Not expected to be irritating to the skin. |
| Eye Irritation: | This material is expected to be non-irritating. |
| Acute Toxicity: | There are no known or reported target organ effects from acute exposure. |
| Subchronic / Chronic Toxicity: | Not known or reported to cause subchronic or chronic toxicity. |

| | |
|--|--|
| Reproductive and Developmental Toxicity: | No reproductive or developmental risk to humans is expected from exposure to this product. |
|--|--|

| | |
|---------------|--|
| Mutagenicity: | Not known or reported to be mutagenic. |
|---------------|--|

| | |
|------------------|--|
| Carcinogenicity: | This product is not known or reported to be carcinogenic by any reference source including IARC, OSHA, NTP or EPA. |
|------------------|--|

SECTION 12. ECOLOGICAL INFORMATION

Overview: No aquatic toxicity data is available for this product.

SECTION 13. DISPOSAL CONSIDERATIONS

CARE MUST BE TAKEN TO PREVENT ENVIRONMENTAL CONTAMINATION FROM THE USE OF THE MATERIAL. THE USER OF THE MATERIAL HAS THE RESPONSIBILITY TO DISPOSE OF UNUSED MATERIAL, RESIDUES AND CONTAINERS IN COMPLIANCE WITH ALL RELEVANT LOCAL, STATE AND FEDERAL LAWS AND REGULATIONS REGARDING TREATMENT, STORAGE AND DISPOSAL FOR HAZARDOUS AND NONHAZARDOUS WASTES.

Waste Disposal Summary : If this product becomes a waste, it DOES NOT meet the criteria of a hazardous waste as defined under 40 CFR 261, in that it does not exhibit the characteristics of hazardous waste of Subpart C, nor is it listed as a hazardous waste under Subpart D.

Disposal Methods : As a nonhazardous solid waste it should be disposed of in accordance with local, state and federal regulations.

Potential US EPA Waste Codes : Not applicable

SECTION 14. TRANSPORT INFORMATION

DOT
Not dangerous goods

TDG
Not dangerous goods

IATA
Not dangerous goods

IMDG-CODE
Not dangerous goods

SECTION 15. REGULATORY INFORMATION

US State Regulations**California Prop 65**

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

The components of this product are reported in the following inventories:

TSCA : Product is an article and thus, is exempt from TSCA regulations

Inventories

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TSCA (USA)

SECTION 16. OTHER INFORMATION

Major References : Available upon request.

THIS MATERIAL SAFETY DATA SHEET (MSDS) HAS BEEN PREPARED IN COMPLIANCE WITH THE FEDERAL OSHA HAZARD COMMUNICATION STANDARD, 29 CFR 1910.1200. THE INFORMATION IN THIS MSDS SHOULD BE PROVIDED TO ALL WHO WILL USE, HANDLE, STORE, TRANSPORT, OR OTHERWISE BE EXPOSED TO THIS PRODUCT. THIS INFORMATION HAS BEEN PREPARED FOR THE GUIDANCE OF PLANT ENGINEERING, OPERATIONS AND MANAGEMENT AND FOR PERSONS WORKING WITH OR HANDLING THIS PRODUCT. ARCH CHEMICALS BELIEVES THIS INFORMATION TO BE RELIABLE AND UP TO DATE AS OF THE DATE OF PUBLICATION BUT, MAKES NO WARRANTY THAT IT IS. ADDITIONALLY, IF THIS MSDS IS MORE THAN THREE YEARS OLD, YOU SHOULD CONTACT ARCH CHEMICALS MSDS CONTROL AT THE PHONE NUMBER ON THE FRONT PAGE TO MAKE CERTAIN THAT THIS DOCUMENT IS CURRENT. .