

Section 1: Identification

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TRADE NAME: ABV Titrant Part number: SC-60-4

HMIS RATING: HEALTH: 1 FLAMMABILITY: 0 REACTIVITY: 0

HAZARD RATING:
LEAST: 0 SLIGHT: 1 MODERATE: 2 HIGH: 3 EXTREME: 4

Section 2: Hazard(s) Identification

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)	Not classified for physical health hazards under GHS
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HAZARD STATEMENTS:

PRECAUTIONARY STATEMENTS:

Section 3: Composition/Information on Ingredients

CHEMICAL	CAS NUMBER	% PRESENT	Hazardous
Disodium tetraborate decahydrate	1303-96-4	0.01%	No
Sodium thiosulfate pentahydrate	10102-17-7	4-5%	No
Water	7732-18-5	95-96%	No

Section 4: First-Aid Measures

Inhalation:

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

Ingestion: If swallowed, DO NOT INDUCE VOMITING. Give large quantities of water. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Skin Contact: Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse.

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

Section 5: Fire-Fighting Measures

Fire Extinguishing Media:

Not combustible. Use extinguishing measures appropriate to the surrounding environment.

Special Information:

Irritating or toxic gases may be generated by thermal decomposition

Section 6: Accidental Release Measures

Normal ventilation is adequate. Keep unnecessary and unprotected personnel from entering. Contain and recover liquid when possible. Small amounts may be flushed with excess water to sewer. Absorb with suitable material and treat as normal refuse.

Section 7: Handling and Storage

Wash hands after handling. Avoid contact with skin, eyes and clothing. Do not eat, drink, or smoke, or use personal products when handling chemical substances.

Section 8: Exposure Controls/ Personal Protection

Airborne Exposure Limits:

No applicable occupational exposure limits

Skin Protection: Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

Eye Protection: Use chemical safety goggles and/or full face shield where dusting or splashing of solutions is possible. Maintain eye wash fountain and quick-drench facilities in work area.

Section 9: Physical and Chemical Properties

Appearance: Clear, colorless liquid.

Odor: Odorless.

Solubility: Miscible in water.

Specific Gravity: 1.01 -1.1

pH: 7-9

% Volatiles by volume @ 21C (70F): No information found.

Boiling Point: approx. 100°C

Melting Point: approx. 0°C

Vapor Density (Air=1): No information found.

Evaporation Rate (BuAc=1): No information found.

Section 10: Stability and Reactivity

Stability: Stable under ordinary conditions of use and storage.

Hazardous Decomposition Products: None known

Hazardous Polymerization: Will not occur.

Incompatibilities: Strong *oxidizing agents*. Strong Reducing agents. Metal nitrates, lead, mercury, silver salts, iodine.

Conditions to Avoid: incompatibles.

Section 11: Toxicological Information

Acute toxicity:

1303-96-4 LD50 5000 mg/kg (Rat, oral)

10102-17-7 LD50 5000 mg/kg (Rat, oral)

Sensitization: No additional information.

Single Target Organ: No additional information.

Carcinogenicity: No additional information

Mutagenicity: No additional information

Reproductive toxicity: No additional information

Section 12: Ecological Information

Environmental Fate: Readily biodegradable and non-accumulative

Environmental Toxicity: 1303-96-4 LC50 goldfish 178 mg/l/72 hr

LC50 water flea 1805 to1402 mg/l/48 hr aerated water

Section 13: Disposal Considerations

Dilute with water and flush to sewer.

Section 14: Transportation Information

Not dangerous goods

Section 15: Regulatory Information

SARA 311/312/313:

None of the ingredients is listed

RCRA:

None of the ingredients is listed

TSCA:

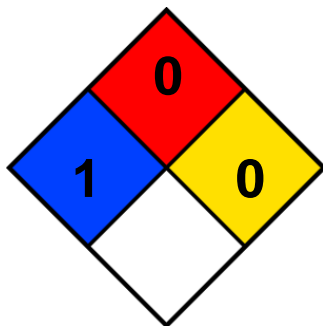
None of the ingredients is listed

CERCLA:

None of the ingredients is listed

Section 16: Other Information

16.1 NFPA



Top, Flammability: 0 – minimal Hazard

Left, Health Hazard: 1 – low Hazard

Right, Reactivity: 0 – minimal Hazard

Bottom, Special Notice:

Product Use: Laboratory Reagent.

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