Safety Data Sheet

BP Pro
2941 W. MacArthur Blvd, Suite 138
Santa Ana, CA 92704

24 Hour Emergency:

Infotrac: 1-800-535-5053

Outside U.S And Canada

Infotract: 352-323-3500

Note: INFOTRAC and National Response Center emergency numbers to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure or accident involving chemicals.

SECTION 1 – CHEMICAL PRODUCT/ COMPANY INFORMATION

Product Name: Eco-NEW Concentrate

Manufacturer: S Vann Inc., DBA BP Pro
2941 W. MacArthur Blvd, Suite 138
Santa Ana, CA 92704

SECTION 2 – HAZARDS IDENTIFICATION

*****EMERGENCY OVERVIEW***:** Causes severe skin burns and eye damage.

GHS Classification

Skin Corr. 1

Symbols of Product

Signal Word

Danger

GHS HAZARD STATEMENTS

Skin Corrosion, Category 1	H314	Causes severe skin burns and eye damage.

GHS PRECAUTIONARY STATEMENTS

P210	Keep away from heat and hot surfaces, sparks, open flames and other ignition sources. No smoking.
P260	Do not breathe dust/fume/gas/mist/vapors/spray.
P264	Wash thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301 + P330 + P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P302 + P352	If ON SKIN: Wash with plenty of water.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
P310	Immediately Call a POISON CENTER/doctor/physician.
P321	Specific treatment (see first aid section)
P337+P313	If eye irritation persists: Get medical advice/attention.
P362 + P364	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P403+P235	Store in a well-ventilated place. Keep container tightly closed.
P405	Store in a well-ventilated place. Keep cool.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No.	Wt. %	GHS Symbols	GHS Statements
Phosphoric Acid	7664-38-2	10-25	GHS05	H314
Citric Acid	77-92-9	2.5-10	GHS07	H315-319-335
Sulfamic Acid	5329-14-6	2.5-10	GHS05	H314
2-Hydroxypropionic Acid	79-33-4	2.5-10	GHS05	H315-318
Primary alkane sulfonate	5324-84-5	1.0-2.5	GHS07	H315

The text for GHS Hazard Statements shown above (if any) is given in the "Other information" section.

SECTION 4 – FIRST AID MEASURES

FIRST AID – EYE CONTACT: Immediately flush eyes with water. Flush eyes with water for a minimum of 15 minutes, occasionally lifting and lowering upper lids. Get medical attention promptly. Remove contact lenses if worn.

FIRST AID – SKIN CONTACT: Immediately flush skin with plenty of water. Remove clothing. Get medical attention immediately. Wash clothing separately and clean shoes before reuse.

FIRST AID – INHALATION: Rescuers should put on appropriate gear. Remove from area of exposure. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention. To prevent aspiration, keep head below knees.

FIRST AID – INGESTION: Small amounts which accidentally enter mouth should be rinsed out until taste of it is gone. If swallowed, do NOT induce vomiting. Giver victim a glass of water. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

SECTION 5 – FIRE-FIGHTING MEASURES

UNUSUAL FIRE AND EXPLODING HAZARDS: Empty containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. Also, do not reuse container without commercial cleaning or reconditioning. Closed container may explode under extreme heat.

SPECIAL FIREFIGHTING PROCEDURES: As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear. Avoid use of solid water streams. Water spray to cool containers or protect personnel. Use with caution. Water run off can cause environmental damage. Dike and collect water used to fight fire.

EXTINGUISHING MEDIA: Carbon dioxide, Dry Chemical, Foam, Water Fog

SECTION 6 – ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Wear appropriate personal protective equipment. (See Exposure Controls/Personal Protection Section.) Eliminate all ignition sources. Evacuate all unnecessary personnel. Prevent additional discharge of material if able to do so safely. Do not touch or walk through spilled material. Avoid runoff into storm sewers and ditches which lead to waterways. Ventilate spill area. Stay upwind of spill. Do not apply water to the leak. Use only non-combustible material for clean-up. Use clean, non-sparking tools to collect absorbed materials. Collect spilled materials for disposal. Absorb spill with inert material (e.g dry sand or earth), then place in a chemical waste container. Recover by pumping (use an explosion proof or hand pump).

SECTION 7 – HANDLING AND STORAGE

HANDLING: Use only in a well ventilated area. Avoid breathing vapor, fumes, or mist. Avoid contact with eyes, skin, and clothing. Material can generate explosive hydrogen gas when it comes in contact with metals. Follow all MSDS precautions even after containers are emptied because they may retain product residue.

STORAGE: Keep away from heat, sparks, and flame. Store containers in a cool, well ventilated place. Keep from freezing. Keep container closed when not in use. Protect from direct sunlight.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with Occupational Exposure Limits

Chemical Name	ACGIH TLV-TWA	ACGIH-TLV STEL	OSHA PEL-TWA	OSHA PEL-CEILING
Phosphoric Acid	1mg/m3	3mg/m3	1mg/m3	N.D
Citric Acid	N.D	N.D	N.D	N.D
Sulfamic Acid	N.D	N.D	N.D	N.D
2-Hydroxypropionic Acid	N.D	N.D	N.D	N.D
Primary alkane sulfonate	N.D	N.D	N.D	N.D

Personal Protection

Respiratory protection: Wear a MSHA/NIOSH approved (or equivalent) full facepiece airline respirator in the positive pressure mode with emergency escape provisions.

Skin Protection: Wear impervious gloves to prevent contact with the skin. Wear long sleeves when contact is likely to occur. Wear protective gear as needed – apron, suit, boots.

Eye Protection: Use chemical splash goggles and face shield (ANSI Z87.1 or approved equivalent).

Other Protective equipment: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Hygienic practices: Do not eat, drink, or smoke in areas where this material is used. Avoid breathing vapors. Remove contaminated clothing and was before reuse. Wash hands before eating.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid	**Physical State:**	Liquid
Odor:	Typical	**Odor Threshold:**	N.D
Density, g/cm3:	1.172	**pH:**	N.D
Freeze Point, F:	N.D	**Viscosity:**	N.D
Solubility in water:	Soluble	**Explosive Limits, vol%:**	N.D
Boiling Range, F:	212-401	**Flash Point, F:**	N.D
Evaporation Rate:	Not Determined	**Auto Ignition Temp., F:**	N.D
Vapor Density:	N.D	**Vapor Pressure:**	N.D

SECTION 10 – STABILITY AND REACTIVITY

Stability: No information.

Conditions to avoid: Avoid impact, friction, heat, sparks, flame and sources of ignition. Do not store near reactive materials. Avoid static discharge.

Incompatibility: Avoid contact with caustics. Avoid contact with strong reducing agents. Do not add or formulate with other nitrates. Avoid contact with moisture or water. Prevent contact with halogens. Prevent contact with strong oxidizing agents. Keep away from strong bases. Avoid contact with alkalines. Keep away from acids. May be corrosive to aluminum, magenisum, titanium, and their alloys. May be corrosive to iron, stainless steel, copper, and nickel in the presence of air and water, and especially at elevated temperatures. May react violently with alkali and alkaline earth metals such as sodium, potassium, and barium.

Hazardous Decomposition products: Toxic gases/fumes are given off during burning or thermal decomposition. During combustion, carbon monoxide may be formed. During combustion carbon dioxide may be formed. Decomposition releases nitrogen oxides. Decomposition causes sulfur oxides to be released. Combustion can lead to the formation of ammonia.

Hazardous Polymerization: No information.

SECTION 11 – TOXICIOLOGICAL INFORMATION

Information on Toxicological Events

Effects of Overexposure – Severely irritating to the respiratory system. Prolonged inhalation may be harmful. Overexposure may cause cough, sneezing, and labored breathing. May cause headache.
Effects of Overexposure – Skin Contact: Causes burn and permanent skin damage. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).
Effects of Overexposure – Eye Contact: Causes serious eye damage. Causes eye burns. May cause corneal injury.
Effects of Overexposure – Ingestion: Can severely irritate mouth, throat, and stomach. May cause burns of mouth and throat. Ingestion may result in nausea, vomiting, diarrhea and pain.

Effects of Overexposure – Chronic Hazards: May cause erosion of exposed teeth.

Primary Routes of Entry: Eye contact, Ingestion, Inhalation, Skin Contact

Acute Toxicity Values
The Acute effects of this product have not been tested. Data on individual components are tabulated below:

CAS-No.	Name According to EEC	Oral LD50, mg/kg	Dermal LD50, mg/kg	Vapor LC50,mg/L
7664-38-2	Phosphoric Acid	4400	>3160	N.D
77-92-9	Citric Acid	5404	N.D	N.D
5329-14-6	Sulfamic Acid	3160	N.D	N.D
79-33-4	2-Hydroxypropionic Acid	3543	>2000	794
5324-84-5	Primary alkane sulfonate	>5000.0	N.D	N.D

SECTION 12 - ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: No Information

SECTION 13 – DISPOSAL CONSIDERATIONS

For more guidance and information contact our Waste Services Division at (262) 658-4000.

Always Dispose of any waste in accordance with all local, state and federal regulations.

Disposal Method:

Steps to be taken in case material is released or spilled: Wear appropriate personal protective equipment. (See Exposure Controls/Personal Protection Section.) Eliminate all ignition sources. Evacuate all unnecessary personnel. Prevent additional discharge of material if able to do so safely. Do not touch or walk through spilled material. Avoid runoff into storm sewers and ditches which lead to waterways. Ventilate spill area. Stay upwind of spill. Do not apply water to the leak. Collect spilled material for disposal. Use only non-combustible material for clean-up. Use clean, non-sparking tools to collect absorbed materials. Absorb spill with inert material (e.g dry sand or earth), then place in a chemical waste container.

SECTION 14 – TRANSPORT INFORMATION

DOT Proper Shipping	Phosphoric acid solution	**Packing Group:**	III
DOT Hazard Class:	8	**Hazard Subclass:**	No Information
DOT UN/NA Number:	UN1805	**Resp. Guide Page:**	154

SECTION 15 – REGULATORY INFORMATION

U.S Federal Regulations:

CERCLA – SARA Hazard Category

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Acute Health Hazard, Chronic Health Hazard

SARA Section 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund amendment and Reauthorization Act of 1986 and 40 CFR Part 372:

No SARA 313 components exist in this product.

Toxic Substance Control Act:

All Components of this product are listed or are exempt from listing on the TSCA 8(b) inventory. If identified components of this product are listed under the TSCA 12(b) export notifications rule, they will be listed below.

No TSCA components exist in this product.

US State Regulations:

New Jersey Right-To-Know:

The following materials are non-hazardous, but are among the top five components in this product:

Chemical Name:	CAS Number:
Water	7732-18-5

Pennsylvania Right to Know:

The following non-hazardous ingredients are present in the product at greater than 3%

Chemical Name:	CAS Number:
Water	7732-18-5

California Proposition 65 Carcinogens

Warning: The following ingredients present in the product are known to the state of California to cause Cancer:

No proposition 65 carcinogens exist in this product.

California Propositions 65 Reproductive Toxins

Warning: The following ingredients present in the product are known to the state of California to cause birth defects or other reproductive hazards:

No proposition 65 Reproductive Toxins exist in this product.

International Regulations: As follows -

Canadian WHMIS:

This MSDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings.

WHMIS Class: No information

SECTION 16 - OTHER INFORMATION

Revision Date: **12/18/2015** **Supersedes Date:** **New SDS**
Datasheet produced by: **EH&S**

HMIS Ratings:

Health:	3	**Flammability:**	0	**Reactivity:**	0 – No Hazard	**Personal Protection:**	X

Volatile Organic Compounds, gr/ltr: **2**

DISCLAIMER: THE VOLATILE ORGANIC COMPOUND (VOC) CONTENT REPORTED HEREIN, IF ANY, IS BASED ON A MATERIAL VOC CALCULATION. NOTE THAT SEVERAL METHODS ARE USED FOR CALCULATING VOC CONTENT AND THAT STANDARDS/REQUIREMENTS REGARDING VOC CONTENT VARY BY LOCATION/JURISDICTION. ACCORDINGLY, BP PRO MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, REGARDING THIS MATERIAL'S COMPLIANCE WITH VOC STANDARDS/REQUIREMENTS APPLICABLE IN LOCATIONS/JURISDICTIONS WHERE THIS MATERIAL MAY BE SOLD OR USED.

Text for GHS Hazard Statements shown in Section 3 describing each ingredient:

H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.

Icons for GHS Pictograms shown in Section 3 describing each ingredient:

GHS05 

GHS07 

Legend: N.A – Not Applicable, N.E – Not Established, N.D – Not Determined, N.I – No Information.

The information on this SDS was obtained from sources which we believe to be reliable. However, the information provided is without any warranty, exposed or implied, regarding its correctness. Some information presented and conclusions drawn herein are from sources other than direct test data on the product itself. The information recommendations are offered for the user's consideration and examination and should be used to make an independent determination of the methods to safeguard workers and the environment. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For these reasons we do not assume responsibility and expressly disclaim any liability for loss, damage, or expense arising out of in any way connected with handling, storage, use, or disposal of this product. IF the product is used as a component of another product, this SDS may not be applicable. It is the responsibility of the user to comply with all Federal, State, and Local Laws and regulations.