All Season Professional **S A F E T Y D A T A S H E E T**

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

CHEMICAL NAME: Ethyl Acetate Solution

PRODUCT NAME: Acidless Primer

PRODUCT USE: Organic Process Chemical

MANUFACTURER: All Season Professional
ADDRESS: 29120 Avenue Paine
Valencia, Ca. 91355

24 HR. EMERGENCY TELEPHONE: **CHEMTEL:** 1-800-255-3924

PREPARATION/UPDATE DATE: 03/25/2015
PRINT DATE: 4/3/15
MSDS ID: M10-03

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

ITEM	CHEMICAL NAME	CAS NUMBER:	WT/WT %
01	Ethyl Acetate	141-78-6	60.0-100.0
02	Carboxyethyl Acrylate	NE	0.0-20.0

	ACGIH	OSHA			Company	
ITEM	TLV-TWA	TLV-STEL	PEL TWA	PEL CEILING	Recommendation	SKIN
01	400 ppm	NE	400 ppm	NE	400 ppm	NE
02	NE	NE	NE	NE	100 ppm	NE

See Section 16 for Abbreviations.

SECTION 3 - HAZARDS IDENTIFICATION

WARNING: Flammable Liquid and Vapor. Causes eye irritation. Prolonged or repeated contact causes defatting of the skin with irritation, dryness, and cracking. Breathing vapors may cause drowsiness or dizziness. Harmful if swallowed or inhaled.

EMERGENCY OVERVIEW:
For Mixture:

Acute Hazards:

Eyes: Severe irritant. Can cause redness, irritation, corneal opacity. May cause permanent damage.

Ingestion: Causes irritation to the gastrointestinal tract. Ingestion in large amounts may cause central nervous system depression. May cause headache, nausea, fatigue and dizziness. These effects may be caused in part by ethanol, which is released when ethyl acetate is broken down in the body.

SECTION 3 - HAZARDS IDENTIFICATION - CONTINUED

For Mixture - continued:

Inhalation:	May cause respiratory tract irritation. May be harmful if inhaled. Inhalation of high concentrations may cause narcotic effects.
Skin:	Severe Irritant. Can cause redness, inflammation, irritation, swelling, blisters. Repeated or prolonged exposure may cause drying and cracking of the skin. The majority of human studies have demonstrated that ethyl acetate does not cause allergic response on human skin. However, there is one case report of a woman developing a skin allergy to ethyl acetate.
Chronic Hazards:	Overexposure may cause anemia with leukotosis (transient increase in the white blood cell count) and damage to the liver and kidneys.
Conditions Aggravated by Exposure:	Persons with pre-existing skin disorders or eye problems, or impaired liver, kidney or respiratory function may be more susceptible to the effects of this material.

CARCINOGENICITY: None of the components of this material are listed by IARC, NTP, OSHA, or ACGIH as carcinogens.

PRIMARY ROUTES OF ENTRY: Central nervous system, Inhalation, Skin and Eyes.

SECTION 4 - FIRST AID MEASURES

EMERGENCY AND FIRST AID PROCEDURES:

EYES:	If product gets in the eyes, flush with copious amounts of lukewarm water for at least 15 minutes. If irritation occurs, contact a physician.
INGESTION:	If ingested, do not induce vomiting. If product has been swallowed, drink plenty of water or milk IMMEDIATELY. If the patient is vomiting, continue to offer water or milk. Never give anything by mouth to an unconscious person. Provide an estimate of the time at which the material was ingested and the amount of the substance that was swallowed. Get medical attention immediately.
INHALATION:	Remove to fresh air. Seek immediate medical attention.
SKIN:	If irritation occurs and product is on the skin, rinse thoroughly with lukewarm water, followed by a thorough washing of the effected area with soap and water. If irritation, redness or swelling persists, contact a physician immediately.
CLOTHING:	Remove contaminated clothing, wash thoroughly before reuse.
TREATMENT:	Treat symptoms conventionally, after thorough decontamination.

SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT:	-4 ° C , 25 ° F
FLAMMABLE LIMIT, AIR VOL% LOWER:	2.0
UPPER:	11.5
AUTOIGNITION TEMPERATURE:	426 ° C, 799 ° F
EXTINGUISHER METHOD:	Water spray, dry chemical, alcohol foam or carbon dioxide. Water spray may be ineffective on the fire, but should be used to cool fire-exposed containers and structures.
FIRE AND EXPLOSION HAZARDS:	Eliminate sources of ignition. Above the flash point, vapor-air mixtures are explosive within the flammable limits. Sealed containers may rupture when heated. Vapors can flow along surfaces to distant ignition sources and flash back. **Material creates a special hazard because it floats on water.**
SPECIAL FIRE FIGHTING PROCEDURES:	This product is a flammable liquid. When involved in a fire, this product may ignite readily and decompose to produce carbon oxides. Vapors of this product are heavier than air and may travel to a source of ignition and flash back to a leaking or open container. Do not enter fire area without proper protection. Fight fire from a safe location. Heat/impurities may cause pressure to build and/or rupture closed containers, spreading fire, increasing risk of burns/injuries. Structural firefighters must wear SCBAs and full protective equipment.
SENSITIVE TO MECHANICAL IMPACT:	No.
SENSITIVE TO STATIC DISCHARGE:	Yes.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE:

Before cleaning any spill or leak, individuals involved must wear appropriate Personal Protective Equipment (e.g., goggles, gloves). Deny entry to all unprotected individuals. Dike and contain spill with inert material (e.g. sand or earth). Use ONLY non-sparking tools for recovery and cleanup. Maximize ventilation (open doors and windows) and secure all sources of ignition. Place into appropriate closed container(s) for disposal in accordance with local, state and federal regulations. Wash all affected areas with plenty of warm water and soap. Remove any contaminated clothing and wash thoroughly before reuse. Keep spills and cleaning runoffs out of municipal sewers and open bodies of water.

SECTION 7- HANDLING AND STORAGE

PRECAUTIONS FOR HANDLING: Use local explosion-proof ventilation with a minimum capture velocity of 100 ft/min (30 m/min) at point of material release. Refer to Industrial Ventilation: A Manual of Recommended Practice published by the American Conference of Governmental Hygienist. Observe precautions found on label. Always open containers slowly to allow any excess vapor pressure to vent. Use explosion-proof equipment.

PRECAUTIONS FOR STORAGE: Store containers in a cool, dry location, away from direct sunlight, heat, sparks, flame, other light sources, or sources of intense heat. Keep container closed after each use. Ground and bond all containers when transferring.

INDUSTRIAL HYGIENE PRACTICES: Avoid contact with skin, eyes, clothing, and prolonged contact with the product. Use good personal hygiene and housekeeping. After use, wash hands and exposed skin with soap and water. Do not eat, drink or smoke while handling product.

SECTION 8 - EXPOSURE CONTROL/PERSONAL PROTECTION

VENTILATION: Refer to Section 7 regarding the ventilation requirements for working with this product. Use explosion-proof local exhaust at processing equipment, including buffers, sanders, grinders and polishers. High temperature processing equipment should be well ventilated.

RESPIRATORY PROTECTION: A respirator should be worn whenever workplace conditions warrant a respirators use. None required if airborne concentrations are maintained below the exposure limit listed in Section 2. If necessary, use only respiratory protection authorized per U.S. OSHA's requirement in 29 CFR §1910.134 or other appropriate governing standard.

EYE PROTECTION: Depending on the use of this product, splash or safety glasses may be worn. If necessary, refer to U.S. OSHA 29 CFR §1910.133, or other appropriate governing standard. Ensure that an eyewash station, sink or washbasin is available in case of exposure to eyes.

PROTECTIVE GLOVES: If anticipated that prolonged & repeated skin contact will occur during use of this product, wear chemical resistant gloves for routine industrial use. If necessary, refer to U.S. OSHA 29 CFR §1910.138, or other appropriate governing standards.

OTHER PROTECTIVE EQUIPMENT: No special body protection is required under typical circumstances of use and handling. If necessary, refer to appropriate governing standards. An eyewash station and a safety shower are recommended.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Clear liquid.
ODOR:	Fruity odor.
pH:	ND
ODOR THRESHOLD:	ND
BOILING POINT:	77 ° C, 171 ° F
MELTING POINT:	-83 ° C, -117 ° F
SPECIFIC GRAVITY (H_2O=1):	0.092 @ 20 ° C, 68 ° F
VAPOR PRESSURE:	73 mm Hg @ 20 ° C, 68 ° F
PERCENT VOLATILE W/W%:	NE
VAPOR DENSITY (AIR=1):	3.04
EVAPORATION RATE (BuAc =1):	6.2
SOLUBILITY IN WATER:	Slightly soluble.
COEFFICIENT OF WATER/OIL DISTRIBUTION:	NE

SECTION 10 - STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Heat, open flames, sparks, static electricity, sunlight, other sources of ignition and moisture.

INCOMPATIBILITY (MATERIALS TO AVOID): Contact with nitrates, strong oxidizing agents, strong alkalies, or strong acids may cause fire and explosions. Moisture may cause decomposition. May attack some forms of plastics, rubbers and coatings.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of Carbon, ethyl alcohol, acetic acid when burned.

HAZARDOUS POLYMERIZATION:	MAY OCCUR:	WILL NOT OCCUR:	X
STABILITY:	UNSTABLE:	STABLE:	X

SECTION 11- TOXICOLOGICAL PROPERTIES

TARGET ORGANS:

For Ethyl Acetate:	Central nervous system, respiratory system, eyes, and skin.
For Carboxyethyl Acrylate:	None Listed.

MUTAGENICITY DATA:

For Ethyl Acetate:

Hamster Fibroblast	Cytogenetic Analysis:	9 gm/L.
S. Cerevisiae	Sex Chromosome Loss:	24400 ppm.

REPRODUCTIVE DATA:

For Ethyl Acetate: No information available.

SENSITIVITY DATA:

For Carboxyethyl Acrylate:

Acute Eye Rabbit:	Severely irritating.
Acute Skin Rabbit:	Severely irritating.

SECTION 11- TOXICOLOGICAL PROPERTIES

TOXICITY DATA:
This product has NOT been tested on animals to obtain toxicology data. There is toxicology data for the components of the product, which is found in scientific literature. Some of this data is presented below.

For Ethyl Acetate:

Inhalation Mouse	LC_{50}:	45 gm/m^3/2H.
Inhalation Rat	LC_{50}:	200 gm/m^3.
Oral Mouse	LD_{50}:	4100 mg/kg.
Oral Rabbit	LD_{50}:	4935 mg/kg.
Oral Rat	LD_{50}:	5620 mg/kg.
Skin Rabbit	LD_{50}:	>20 ml/kg.

SECTION 12 - ECOLOGICAL INFORMATION

AQUATIC TOXICITY:
For Ethyl Acetate:

Flathead Minnow	LC_{50}:	230 mg/L/96H.
Daphnia Magna	LC_{50}:	2500 mg/L/96H.
Golden Orfe	LC_{50}:	270 mg/L/48H.

ENVIRONMENTAL FATE:
For Ethyl Acetate:

Terrestrial:	Expected to have high mobility in soil.
Aquatic:	Not expected to adsorb to suspended solids and sediment in water. Not expected to be toxic to aquatic life.
Atmospheric:	Expected to exist solely as a vapor in the ambient atmosphere. Vapor-phase ethyl acetate is degraded in the atmosphere by reaction with photochemically-produced hydroxyl radicals; the half-life for this reaction in the air is estimated to be 10 days

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: When discarded it is a characteristic hazardous waste by the EPA under RCRA. Dispose waste material in accordance with Federal, State, and Local regulations.

DISPOSAL OF EMPTY CONTAINERS: Reuse of empty drums or containers is not recommended. Employees should be advised of the potential hazards due to residual flammable material, associated with empty containers Dispose of all empty containers properly, in accordance with Federal, State and Local regulations.

SECTION 14 - TRANSPORTATION

DOT/UN SHIPPING NAME:	ETHYL ACETATE, SOLUTION
DOT/UN CLASS:	3
NA/UN NUMBER:	1173
PACKING GROUP:	II
LABEL:	Flammable Liquid
IMDG CLASS:	3
DOT RQ:	For Ethyl Acetate: 5000 lbs.

SECTION 15 - REGULATORY INFORMATION

US:

TSCA Inventory Status:	The components of this product are listed or are excluded from listing on the TSCA Inventory.
SARA Section 302:	There are not any specific Threshold Planning Quantities for the components of this product.
SARA Section 311/312:	Immediate (Acute), Delayed (Chronic)
SARA Section 313:	There are not any reporting requirements for this product.
CERCLA Reportable Quantity (RQ):	For Ethyl Acetate: 5000 lb.
State Regulatory Information:	This product may contain components that are covered under specific state criteria.

CANADA:

DSL/NDSL:	The components of this product are listed on the DSL.
WHMIS Hazard Class:	B2
Other:	This product has been classified according to the hazard criteria of the CPR and the SDS contains all of the information required by the CPR. None of the components of this product are listed on the Priorities Substances List.

EUROPE:

EINECS: The components of this product are listed on EINECS.

HAZARD SYMBOLS:

F – Highly Flammable
Xi – Irritant

RISK STATEMENTS:

R11 – Highly Flammable
R36 – Irritating to eyes.
R66 – Repeated exposure may cause skin dryness or cracking.
R67 – Vapors may cause drowsiness and dizziness.

SAFETY STATEMENTS:

S16 – Keep away from sources of ignition – No Smoking.
S26 – In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S33 – Take precautionary measures against static discharges.

SECTION 16 - OTHER INFORMATION

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM (HMIS) RATING:

HEALTH:	1
FLAMMABILITY:	3
REACTIVITY:	0
PERSONAL PROTECTIVE EQUIPMENT:	Gloves and Safety Glasses or Chemical Splash Goggles.

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) HAZARD IDENTIFICATION RATING:

HEALTH:	1
FLAMMABILITY:	3
REACTIVITY:	0

ABBREVIATIONS:

NA	Not Applicable	ND	Not Determined
NE	Not Established		
ppm	parts per million	G	Gallon
mg	Milligram	L	Liter
gm	Gram	mol	Mole
kg	Kilogram	µ	Micro
mm	Millimeter	p	Pico
Pa	Pascals		
LC	Lethal Concentration	LD	Lethal Dose
TC	Toxic Concentration	TD	Toxic Dose
BOD	Biological Oxygen Demand	COD	Chemical Oxygen Demand
Lo	Lowest	ThOD	Theoretical Oxygen Demand
TLm	Threshold Limit		
DOC	Dissolved Organic Carbon		
H	Hours	M	Months
D	Days	Y	Years
W	Weeks		

ACGIH	American Conference of Governmental Industrial Hygienist
CPR	Controlled Product's Regulation
DSL	Canadian Domestic Substances List
NDSL	Canadian Non-domestic Substance List
IARC	International Agency for Research for Cancer
NOEL	No Observed Effect Level
NOAEL	No Observed Adverse Effect Level
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
TLV	Threshold Limit Value

SECTION 16 - OTHER INFORMATION - CONTINUED

THIS SAFETY DATA SHEET IS PREPARED IN COMPLIANCE WITH FEDERAL REGULATIONS (29 CFR 1910.1200), CANADIAN WHMIS REGULATIONS, ANY APPLICABLE STATE AND LOCAL REGULATIONS SHOULD BE CONSULTED. THE ABOVE INFORMATION MAY BE BASED IN PART ON INFORMATION PROVIDED BY COMPONENT SUPPLIERS AND IS BELIEVED TO BE CORRECT AS OF THE DATE HEREOF. HOWEVER, NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY USE, OR ANY OTHER WARRANTY IS EXPRESSED OR IS TO BE IMPLIED REGARDING THE ACCURACY OF THESE DATA, THE RESULTS TO BE OBTAINED FROM THE USE OF THE MATERIAL, OR THE HAZARDS CONNECTED WITH SUCH USE. SINCE THE INFORMATION CONTAINED HEREIN MAY BE APPLIED UNDER CONDITIONS BEYOND OUR CONTROL AND WITH WHICH WE MAY BE UNFAMILIAR, AND SINCE DATA MADE AVAILABLE SUBSEQUENT TO THE DATE HEREOF MAY SUGGEST MODIFICATION OF THE INFORMATION, WE ASSUME NO RESPONSIBILITY FOR THE RESULT OF ITS USE. THIS INFORMATION AND MATERIAL IS FURNISHED ON THE CONDITION THAT THE PERSON RECEIVING IT SHALL MAKE HIS/HER OWN DETERMINATION AS TO THE SUITABILITY OF THE MATERIAL FOR HIS/HER PARTICULAR PURPOSE AND ON THE CONDITION THAT HE/SHE ASSUME THE RISK OF HIS/HER USE THEREOF.

Preparation Date of SDS: March 25, 2015
END OF SDS