



## MATERIAL SAFETY DATA SHEET

### SECTION 1 - PRODUCT IDENTIFICATION AND USE

Product Identifier	<b>Plan "B" Organics A.C.E. Spray</b>
Product Use	Plant Protectant
WHMIS Classification:	
TDG Classification	Not subject to Transportation of Dangerous Goods Act
Manufactured for:	
ANH Enterprises.	
1322 E. McAndrews Rd. Suite 201	
Medford, OR	
97504	
Emergency Telephone Number	
360 751 4897	

### SECTION 2 - HAZARDOUS INGREDIENTS

Ingredient	%	CAS Number	LD <sub>50</sub>	LC <sub>50</sub>
May contain up to Castor Oil	65	8001-79-4	N/A	N/A

### SECTION 3 - PHYSICAL DATA

Physical State	Liquid	Vapour Density	N/A
Odour/Appearance	Yellowish, Characteristic odor	Boiling Point	313 °C (595.4°F)
Vapour Pressure	N/A	Coeff. Water/Oil Dist.	N/A
Evaporation Rate	N/A	Specific Gravity	0.962@15C (water=1)
Freezing Point	N/A	pH	5
Solubility:	Soluble in methanol, diethyl ether, chloroform, glacial acetic acid, benzene, carbon Disulfide. Insoluble in water.		

### SECTION 4 - FIRE AND EXPLOSION DATA

Flammability	May be combustible at High temperatures	Means of Extinction	Use dry chemical powder. Large fire – use water spray, fog or foam. Do not use water jet.
Flashpoint	230°C (446°F)	Upper/Lower Flam. Limit	N/A
Autoignition Temp.	449°C (840.2°F)	Hazardous Combustion:	N/A
Unusual fire and explosion hazards: No acute hazard			
Explosion Data			

Sensitivity to Impact                      None  
Sensitivity to Static Discharge            None

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## SECTION 5 – HEALTH HAZARD DATA

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Threshold limit value:	Not established
Effects of over exposure:	May cause irritation in case of contact with skin and eye
Emergency first aid procedures:	
Skin:	Wash with soap and water. Cover with an emollient. Contact physician if irritation persists
Eyes:	Flush copiously with water. Contact physician if irritation persists
Inhalation:	Remove to fresh air. Give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Ingestion:	Do not induce vomiting. If large quantities of this material are swallowed, call a physician immediately.

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Precautions to be taken in handling and storage:	Keep away from heat and sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood.
Other precautions:	Proper precautions are advised to prevent inhalation of fumes/gas/vapor/spray.

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## SECTION 6 - REACTIVITY DATA

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Chemical Stability:	Stable
Incompatibility with Other Substances:	None known
Hazardous polymerization:	Will not occur
Hazardous decomposition products:	None known
Conditions to avoid:	Excess heat, incompatible materials

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## SECTION 7 - TOXICOLOGICAL PROPERTIES

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Route of Entry							
Skin Contact	Yes		Skin Absorption	No		Eye Contact	Yes
Inhalation	Yes		Ingestion	No			

### Effects of Acute Exposure to Product

May act as a slight irritant to the skin and respiratory system. Slight dermatitis may occur. Possible allergic reactions in sensitive individuals. Rash and swelling may occur in skin, mild respiratory distress frequent coughing may occur.

### Effects of Chronic Exposure to Product

No studies currently known describing effects of delayed, immediate, or chronic effects from short and long term exposure.

### Exposure Limits

Unknown

LD50:                      Currently unknown                      Carcinogenicity:                      Currently unknown

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## SECTION 8 – SPILL OR LEAK PROCEDURES

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Steps to be taken in case material is release or spilled:	For small spills, absorb with an inert material and put the spilled material in an appropriate waste disposal. For large spills, finish by spreading water on the contaminated surface and allow to evacuate through the sanitary system.
Waste disposal method:	In accordance with legal regulations.

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## SECTION 9 – SPECIAL PROTECTION INFORMATION

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Respiratory protection:	N/A
Ventilation recommended:	Provide exhaust ventilation
Eye protection:	Safety glasses
Protective gloves:	Ordinary work or rubber gloves as needed

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## SECTION 10 – SPECIAL PRECAUTIONS

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Precautions to be taken in handling and storage	Transport in clean dry area
Other precautions	Not for human consumption

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NOTE: N/A = Not Applicable

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