

SAFETY DATA SHEET

1. Identification:

Product identifier:	Exilis [®] 9.5 SC
Distributed by:	Fine Americas, Inc. 1850 Mt. Diablo Blvd., Suite 405, Walnut Creek, CA 94596, USA Tel: 925-932-8800
Emergency phone number:	Chemtrec 1-800-424-9300
Recommended use:	Plant growth regulator solution for use on apples and pears
EPA reg. number:	62097-33-82917

2. Hazard(s) identification (as defined by OSHA Hazard Communication Standard, 29 CFR 1910.1200):

Symbols/signal word – none Not classified as hazardous
PRECAUTIONARY STATEMENTS Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Wear appropriate protective clothing. Remove and wash contaminated clothing before reuse.
HAZARD STATEMENTS Environmental Hazards Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate.

3. Composition:

Chemical name:	6-benzylaminopurine (6-BA)
Concentration:	9.51%
CAS number:	1214-39-7 (active ingredient)

4. First aid measures:

None listed (EPA category IV)

5. Fire fighting measures:

Extinguishing media:	Water, foam, carbon dioxide or dry powder.
Specific hazards:	None, product only partially combustible.
Protective equipment:	As required for surrounding fire.

6. Accidental release measures:

Personal precautions:	See Section 8 "Exposure controls/personal protection"
Methods for cleaning up:	Contain/absorb with non-combustible absorbent material (e.g. sand, earth, vermiculite, chemical absorbent) and place in suitable, closable container for safe disposal.

7. Handling and storage:

KEEP OUT OF REACH OF CHILDREN	
Precautions for safe handling:	Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.
Conditions for safe storage:	Keep container tightly closed when not in use. Store below 75°F.

8. Exposure controls/personal protection:

Exposure limit:	No applicable information available.
Engineering controls:	No applicable information available.
Individual protection measures:	Applicators and other handlers must wear: <ul style="list-style-type: none"> • Long-sleeved shirt and long pants. • Chemical-resistant gloves such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride or viton. • Socks and shoes. Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE items separately from other laundry.

9. Physical and chemical properties:

Appearance:	White opaque homogeneous liquid with medium viscosity
Odor:	Fruity
Odor threshold:	No applicable information available

pH (1% in water):	7 - 8
Melting point/freezing point:	Not applicable
Boiling point:	Approx 100°C
Flash point:	>100°C
Evaporation rate:	No applicable information available
Flammability:	Not flammable up to 100 °C
Explosive properties:	Non explosive
Vapor pressure:	5.5 x 10 ⁻⁶ Pa (active Ingredient)
Vapor density:	No applicable information available
Relative density (@ 20°C):	1.04-1.06 g/ml
Solubilities:	
Water solubility @ 20°C:	Miscible
Fat solubility:	No applicable information available
Partition coefficient:	Log Pow 2.2 (active Ingredient)
Auto-ignition temperature:	No applicable information available
Decomposition temperature:	No applicable information available
Viscosity:	62 mPas at 100s ⁻¹ and 301 mPas @ 10s ⁻¹

10. Stability and reactivity:

Reactivity:	Stable under recommended storage and handling conditions.
Chemical stability:	Stable under recommended storage and handling conditions.
Possibility of hazardous reactions:	Stable under recommended storage and handling conditions.
Conditions to avoid:	Protect from freezing < 0°C.
Incompatible materials:	Avoid accidental contact with strong acidic or alkaline solutions or oxidizing materials.
Hazardous decomposition products:	None under normal conditions of storage and use.

11. Toxicological information:

Routes of exposure/acute toxicity	
Oral:	LD ₅₀ Rat: > 5000 mg/kg
Inhalation:	LC ₅₀ Rat: > 2.06 mg/L
Dermal:	LD ₅₀ Rat: > 5050 mg/kg
Irritation	
Eye:	Mild irritant
Skin:	Mild irritant
Respiratory tract:	Non irritant
Sensitization	
Skin:	Non sensitizer
Carcinogenicity:	No evidence of carcinogenic effects
Mutagenicity:	No evidence of mutagenic effects
Reproductive Toxicity:	No evidence of reproductive effects
Chronic Toxicity:	No applicable information available
NTP/IARC/OSHA listing(s):	No applicable information available

12. Ecological information:

Ecotoxicity:	<ul style="list-style-type: none"> • Fish: LC₅₀ 32 – 56 mg/l (96h) (active Ingredient) • Daphnia: EC₅₀ 13.4 – 22.1 mg/l (48h) (active Ingredient) • Algae: EC₅₀ 36 mg/l (72h) (active Ingredient) • Bird: LC₅₀ 1599 mg/kg (active Ingredient) • Bee: LD₅₀ >25 µg/bee (Oral and contact) (active ingredient) • General: Not applicable
Mobility:	No applicable information available
Persistence and degradability:	Ready biodegradable
Bioaccumulation potential:	No applicable information available

13. Disposal considerations:

Pesticide disposal:	Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.
Container disposal:	Non-refillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for

10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, if available, or puncture and dispose of in sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

14. Transport information:

UN number:	Not applicable
Proper shipping name:	Plant growth inhibitor, modifier or regulator
Class:	Not applicable
Packaging group:	Not applicable
NMFC number/class:	101685/65
Marine pollutant:	Not applicable

15. Regulatory information:

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label.

EPA signal word:	None
Precautionary statements:	Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Wear appropriate protective clothing. Remove and wash contaminated clothing before reuse.
Pictograms/symbols:	None

16. Other information:

The information contained within this SDS is correct to the best of Fine Americas' knowledge at the time of preparation. It does not purport to be an exhaustive assessment. The user is solely responsible for determining the suitability of any material or product for a specific purpose and for adopting any appropriate safety precautions. Fine Americas assumes no responsibility for any incidental or consequential damages arising from the use of this data and expressly disclaims any liability for loss, injury, damages or expenses arising from any failure to take into account the information or advice contained in this document.

This SDS does not replace or modify the EPA-approved product labelling (attached to the product container). It is a violation of federal law to use a pesticide product in any manner not prescribed on the EPA-approved label.

Revision date: 10/19/15