



# Extreme SIMPLE GREEN® Aircraft & Precision Cleaner

Technical Data Sheet  
May 2014

**Product Description:** water-based formula for use of cleaning and degreasing engines, aircraft, vehicles, metals, plastics, high-tech alloys, rubber, vinyl, hoses, gaskets, paint finishes and parts. Rinses residue-free for ease of use and protection of structures and finishes. Oil and grease break back out of solution for easy disposal in clarifiers and Oil Water.

- Safe on metal
- Safe on plastic
- Safe on rubber
- Meets BOEING D6-17487P
- Readily biodegradable
- Rinses residue free
- Additional aviation spec data available
- No added color or fragrance
- VOC compliant

**Recommended Dilutions:** (ratio = measurement of Cleaner to [:] number of same measurements of water – Example - 1 quart Extreme to 10 quarts water = 1:10)

**NOTE: Maximum dilution for non-corrosive soaking is 1:13**

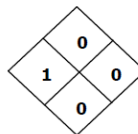
- 1:1 = Heavily soiled aircraft leading edges, blow-by, belly oil, wax remover, as soak to remove gasket adhesives.
- 1:3 – 1:5 = Parts washing, engine cleaning, concrete cleanup, heavily soiled floors and traffic areas, tool cleanup.
- 1:10 = General hand-wash of aircraft and vehicles, regular maintenance cleaning of floors, walls, counters.
- 1:30 = Pressure washing for heavily soiled aircraft, vehicles or structures. \*Rinse very thoroughly with water.
- 1:50 = Pressure washing for lightly soiled aircraft, vehicles or structures. \*Rinse very thoroughly with water.
- 1:127 = “Window wash” and very light cleaning. Wipe or spray onto glass, mirror, chrome, and acrylic and polish dry with clean, non-abrasive cloth.

For heated parts washing & ultrasonic cleaning, optimal temperature setting is 110°F. Overheating can cause the product to break down resulting in reduced efficacy.

**Properties:** Clear liquid with no added fragrance

Specific Gravity...	1.01 – 1.04	Boiling Point.....	98°C (210°F)
pH.....	10.9 ± 0.8	Freezing Point....	0°C (32°F)
Flash Point.....	Non flammable		
VOCs.....	CARB Method 310 -	20 g/L	0.1667 lb/gal
			2.0 %

- Eye Contact:** May cause eye irritation.
- Skin Contact:** Not expected to cause skin irritation.
- Ingestion:** May cause stomach upset.
- Inhalation:** Not expected to cause respiratory irritation.



<b>NFPA Rating</b> Health = 1 (minimal) Fire, Reactivity, Special / PPE = 0 / none
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**Testing Conforms to Boeing D6-17487 Revision P:**

- ASTM F 1110 Sandwich Corrosion – full strength and at 1:5;
- ASTM F 484 Acrylic Crazeing – full strength and at 1:5;
- ASTM F 502 Paint Softening – full strength and at 1:5;
- ASTM F 519-93 Hydrogen Embrittlement – full strength and at 1:5;
- Testing was performed by Scientific Materials International, Inc. Test data available on request.*

**Shelf Life:** In unopened containers, under normal storage conditions, Extreme Simple Green is expected to last five years or longer. Life of product in opened containers cannot be guaranteed due to uncontrollable variables. Uncontaminated opened containers under normal storage conditions may last much longer than five years but container integrity should be checked.

**Storage:** Store in a cool dry place. Do not store in direct sunlight. Four hours above 120°F (48.8°C) will result in formula separation and will require agitation to reconstitute formula and efficacy. Longer exposure will cause ingredient degradation and loss of efficacy. Do not allow to freeze. Frozen product can go through three freeze thaw cycles without loss of efficacy. Prolonged storage at or near freezing, 23-40°F (0-4°C), will result in ingredient degradation and loss of efficacy.

**PART NUMBERS:**

13412 -	32 ounce trigger spray bottle, 12 per case	13455 & 0100000113455 -	55 gallon drum
13406 & 0110000413406 -	1 gallon bottle, 4 per case	13475 & 0100000113475 -	275 gallon tote
13405 & 0100000113405 -	5 gallon pail (NSN # 7930-01-563-3549)		

For more information please refer to Safety Data Sheet or contact us at [info@simplegreen.com](mailto:info@simplegreen.com).