



CRYSTAL SIMPLE GREEN® INDUSTRIAL CLEANER & DEGREASER

Technical Data Sheet
July 2013

Product Description: Concentrated industrial grade cleaner and degreaser used on any water safe surface for removing grease, oil, dirt, dust and more.

- VOC compliant
- "Butyl" free
- Phosphate free
- Concentrated
- Readily biodegradable
- Rinses residue free
- Vapor suppression properties
- NSF A1, A2, A4, A8, B1, C1
- Color and fragrance free

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

up to 1:15 = **HEAVY**; thick grease, oil, carbons & soot, baked-on soils, tough soils lodged in porous surfaces.

1:15 up to 1:30 = **MEDIUM**; greases & oils, most metal working fluids, hydraulic fluids, dirt, grime, food residue.

1:30+ = **LIGHT**; dusts, particulates, very light oils.

1:25 up to 1:30 = **MECHANICAL ASSISTANCE**; scrubbing, brushing, pressure, steam, heat, air, agitation, etc.

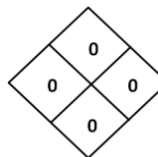
1:60+ = **REFLECTIVE SURFACES**; glass, mirrors, lenses, chrome, etc.

For parts washing and ultrasonic cleaning the optimal temperature setting is 105°F. Overheating can cause the product to break down resulting in reduced efficacy.

Properties: Translucent colorless liquid with light, detergent-like odor.

Specific Gravity...	1.01 – 1.03	Boiling Point.....	101°C (213.8°F)
pH.....	9.8 – 10.8	Freezing Point....	0 - 3.33°C (32 - 38°F)
Flash Point.....	None seen at or below 100°C (212°F) ASTM D-93		
VOCs.....	CARB Method 310 - 4 g/L	0.033 lb/gal	0.4%
	EPA Method 24 - 0 g/L	0.000 lb/gal	0.0%

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



<p align="center">NFPA/HMIS Rating</p> <p align="center">Health, Reactivity, Fire = 0 (minimal) Special / PPE = 0 / none</p>

Shelf Life: In unopened containers, under normal storage conditions, Simple Green is expected to last five years or longer. Opened containers cannot be guaranteed due to uncontrollable variables. Uncontaminated opened containers under normal storage conditions may last five years or longer.

Storage: Store in a cool dry place. Do not store in direct sunlight. Four hours above 109°F (42.7°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 one freeze thaw cycle 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: *Not all part numbers listed – see MSDS for additional numbers*

0610001219024	24 ounce Trigger Spray 12/case	0600000119055	55-gallon Drum each
0610000619128	1-gallon Bottle 6/case	0600000119275	275-gallon Tote each
0600000119005	5-gallon Pail each		

For more information please refer to material Safety Data Sheet or contact us at info@simplegreen.com.