



Direct Distributor

**CLEANSE IT ALL GLOBAL**  
 Environmentally Safer Cleansing Agents

### Technical Data

Nitrate Level:	0% - None
Form:	Liquid
Odor:	Mild Detergent Odor
Color:	Clear, Colorless
Detergency:	Strong
Toxicity:	Non Toxic
Wetting Ability:	Excellent
Storage Stability:	1 Year+
Cold Stability	27° F
Shipper Regulations:	None
Flash Point:	None
Boiling Point:	212° F
Solubility in Water:	100%
Biodegradable:	Yes/100%
Volatile By Volume:	N/A
Carcinogens:	None
Viscosity:	Thin
Evaporation Rate	Slow

### Dilution Specifications

Deodorizing Agent: 64:1 Only (2 oz. for every gallon of water) It is a violation of Federal Law to use this product in a manner inconsistent with dilution & labeling.

**Laundry: Add 8 oz. per 100 lbs. of dry laundry. Use Crystal Clean Laundry Detergent as an addition to the final rinse cycle for the safe and effective cleaning of laundry such as bedspreads, sheets, pillow cases, diapers, towels, and other linens for the control and growth of bacteria and germs.**

### Toxicity Studies

Toxicity Limits: Test Procedure OECD 202, 48 hr. LC 50 And LD 50 (Rat Oral) scores found Crystal Clean Laundry Detergent to be non- toxic.

Mutagenicity Limits: OECD Guidelines Sec. 471 Chemicals Crystal Clean Laundry Detergent was found not to be mutagenic

Dermal Irritation & Corrosion Test  
 A modified draize method was used as described in OECD Guidelines for the Testing of Chemicals Sec. 404 and complies with the requirements of OECD principles of GLP, Annex revised as of July 1992.

Crystal Clean Laundry Detergent received a Primary Irritation Score of 0.2 +/- 0.1 and is classified as a "Non-Skin Irritant"

Biodegradation & Aquatic Safety  
 Test Procedure: Hach Reactor Digestion Method for waste water and sea water. Hach Reactor Digestion Method is a Semi-Micro Adaptation of the Standard Methods.

Test Results Conclude Crystal Clean Laundry Detergent was found to be 100% Biodegradable

COD = 063 mg/L  
 BOD = No Detectable Limits

### Metal Studies

Dept. of Transportation (D.O.T.) Test Protocols as per section 173.154 Exceptions for Class 8 (corrosive materials): The material being tested must be proven to be non-destructive or not to cause irreversible alterations in human skin tissue. Testing was conducted on an albino rabbit.

Conclusion: Crystal Clean Laundry Detergent was proven to be non-destructive on human skin tissue.

Metal Test Limits: D.O.T. Classifies a material to be corrosive if it has a corrosion rate that exceeds 6.25 mmpy on SAE C1020 Carbon Steel or 7075- Y6 Aluminum.

Results of Crystal Clean Laundry Detergent:  
 SAE 1020 Carbon Steel = 0.00 mmpy  
 7075 - Y6 Aluminum = 0.00 mmpy  
 Conclusion: Crystal Clean Laundry Detergent is Non-Corrosive

### Classifications & Approvals

D.O.T., TDG, IMO, IATA, IMDG, SARA 313 311/312, California Prop 65 Non-Regulated

FDA: Approved as safe (GRAS) (CGMP) CFR 184.1923

USDA Authorization: A1, A2, A4, A8, C3

Mil Spec: Mil-C-25769-H Mil-C-87936-A

Boeing: D6-17487

Additional Studies & Results: When tested, Crystal Clean Laundry Detergent showed no potential for the generation of Carbon Dioxide under NIOSH 7903, OSHA & ACGIH testing protocols governing workplace environments.

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