
V - Reactivity Data

STABILITY: Stable

INCOMPATIBILITY: Strong oxidizers and acids.

CONDITIONS TO AVOID: Heat or open flame.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may produce oxides of carbon

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: None

VI - Health Hazard Data

ROUTES OF ENTRY INHALATION: EYE CONTACT: X SKIN CONTACT: X INGESTION: X

INGREDIENTS THAT ARE CONSIDERED BY OSHA, NTP, IARC TO BE SUSPECTED HUMAN CARCINOGENS: None.

EFFECTS OF OVEREXPOSURE

IF IN EYES: Mild to moderate irritation, and redness.

IF ON SKIN: Mild irritation, chapping and dermatitis with prolonged or repeated exposure.

IF SWALLOWED: Gastrointestinal irritation, nausea and diarrhea.

IF INHALED: None under normal use.

EMERGENCY AND FIRST AID PROCEDURES

IF IN EYES: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.

IF ON SKIN: Remove contaminated clothing and launder before re-use. Flush with soap and water. If irritation persists, obtain medical attention.

IF SWALLOWED: Contact physician or poison control center immediately. Drink one to two glasses of water. Do not induce vomiting unless instructed by a physician or poison control center. Never give anything to an unconscious person.

IF INHALED: Remove person to fresh air.

VII - Spill or Leak Protection

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Ventilate area and remove all sources of ignition. Contain spill. Soak up spilled material with inert absorbent material and place in a properly marked container for disposal.

WASTE DISPOSAL METHOD: Consult local environmental authorities.

VIII - Special Protection Information

RESPIRATORY PROTECTION: Use with adequate ventilation.

VENTILATION

LOCAL: Recommended

MECHANICAL: Not required

PROTECTIVE GLOVES: Chemical resistant.

EYE PROTECTION: Safety glasses or chemical goggles.

OTHER PROTECTIVE EQUIPMENT: Eye wash station.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Store in a cool, dry place away from heat or open flame. Keep container tightly closed when not in use.

OTHER PRECAUTIONS: Keep out of reach of children.

IX - Transportation Information (ground transportation only)

DOT PROPER SHIPPING NAME: None

DOT CLASS: None

DOT ID NUMBER: None

DOT PACKING GROUP: None

The shipping information listed above applies only to non-bulk (< 119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging, product properties, & mode of shipment. If any alteration of packaging, product, or mode of transportation is further intended, different shipping names and labeling may apply.

REVISION DATE: September 16, 2002

Prepared by: PMR

DATE OF ISSUE: September 16, 2002

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MATERIAL SAFETY DATA SHEET

Bio Chem, Inc.
P.O. Box 521925
SLC, UT84152 - USA



GENERAL INFORMATION NUMBER: 1-800-653-9795

REVISION DATE: September 23, 2002
DATE OF ISSUE: October 15, 2002

I - Product Identification

Orange Squirt

PRODUCT CODE: 0416

CHEMICAL FORMULATION: Water based citrus cleaner.

NFPA HAZARD IDENTIFICATION SYSTEM: HEALTH: 1

FLAMMABILITY: 2

REACTIVITY: 0

HAZARD RATING: 4 - Extreme; 3 - High; 2 - Moderate; 1 - Slight; 0 - Insignificant

II - Hazardous Ingredients

Values reported as TWA unless noted.

SUBSTANCE	APPROX %	OSHA PEL	ACGIH TLV	EPA 40 CFR:			CAS #
				302	355	372	
Cocodiethanolamide	1.00-3.00	N/E	N/E	N	N	N	67785-11-9
d-Limonene	1.00-3.00	N/E	N/E	Y	N	N	5989-27-5

Key: PEL: Permissible Exposure Limit TLV: Threshold Limit Value C: Ceiling level STEL: Short Term Exposure Limit
N/A: Not Applicable N/D: Not Determined N/E: Not Established Y: Yes N: No
302: CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4).
355: SARA TITLE III / List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355).
372: SARA TITLE III / List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372).

III - Physical Data

BOILING POINT (°F): N/D SPECIFIC GRAVITY (WATER = 1): 1.00
VAPOR PRESSURE (mm Hg): N/D VOC CONTENT (% by weight): 1.00-5.00
VAPOR DENSITY (AIR = 1): N/D EVAPORATION RATE (WATER = 1): ~1.0
SOLUBILITY IN WATER: Soluble pH: 9.5-10.5
APPEARANCE AND ODOR: Clear, orange liquid; pleasant citrus fragrance.

IV - Fire and Explosion Hazard Data

FLASH POINT (°F): 134 (TEST METHOD): Closed cup
FLAMMABLE LIMITS IN AIR (VOLUME %) UPPER: N/A LOWER: N/A
EXTINGUISHING MEDIA: Water, foam, carbon dioxide, dry chemical.
SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should be equipped with full protective gear including self-contained breathing apparatus.
UNUSUAL FIRE AND EXPLOSION HAZARD: None

Use nature's own citrus extracts to cut through heavy grease, grime, spots and stains! This biodegradable, non-toxic spot remover penetrates, lifts and removes tough stains and soils from fabrics, without deteriorating fibers. Powers out the toughest stains - the natural way!

DIRECTIONS:

Spray directly onto soils and stains and let set for 2 to 3 minutes. Then simply launder as usual. Always test fabrics for color-fastness before using.

To remove carpet stains, spray directly onto area to be cleaned. Allow to set for 3 to 5 minutes, agitate with soft brush, then blot out with a damp, clean towel.

CITRUS LAUNDRY PRE-SPOTTER

NEW GENERATION CLEANER
ALL NATURAL

CAUTION

See side panel for further cautions and first aid instructions.

KEEP OUT OF REACH OF CHILDREN

Sold By:

CAUTION

May irritate eyes. Do not take internally. Use with adequate ventilation. Use safety glasses when handling. If swallowed, give person several glasses of water and induce vomiting. Obtain medical assistance if in eyes, flush with cool water for at least 15 minutes. If irritation persists, obtain medical assistance.

KEEP OUT OF REACH OF CHILDREN

This product contains:	CAS Number:
d-Limonene	5989-27-5
Tetrapotassium pyrophosphate	7320-34-5
Organic Phosphate ester	66130-47-2
Triethanolamine	102-71-6
Isopropanol	67-63-0

41891883

NET CONTENTS: One gallon (128 fl. oz.)