

**HIGH
PERFORMANCE**

CITRA-CLEAN RTU

CITRA-CLEAN RTU is a potent multi-surface cleaner that brings a new approach to cleaning technology. The natural citrus extract d'limonene, replaces harsh alkalis and Butyl producing a powerful grease cutting action to tackle the most difficult tasks. Spray this handy, ready to use cleaner on a greasy mess and wipe it away. Surfaces are not only spotlessly clean but pleasantly deodorizes as well.

- UTILIZES THE POWER OF NATURAL CITRUS EXTRACTS
- CLEANS AND DEODORIZES IN A SINGLE STEP
- CONTAINS NO BUTYL OR HARSH ALKALIES

DIRECTIONS

Easy to use - just spray on and wipe off. On tough stains, apply to surface and allow to set for 2 to 3 minutes. Wipe or blot dry.

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. Always test in an inconspicuous area for colorfastness.

To use as a laundry pre spotter: Spray directly on soil and stains. Allow to set for 2-3 minutes launder as usual. Always test fabrics for color fastness.

CAUTION

May irritate eyes. Do not take internally. If in eyes flush with cool water for at least 15 minutes. If irritation persists obtain medical assistance. If swallowed, do not induce vomiting. Obtain immediate medical assistance.

KEEP OUT OF REACH OF CHILDREN

SPECIFICATION DATA

Form	Liquid
Color	Orange
Odor	Citrus
Clarity	Clear
pH (1% solution):	9.60 ± 0.10
Specific Gravity	0.99 - 1.01 ± 0.05 gm / ml
Solubility in Water	Infinite
Flash Point (ASTM-D3278):	143°F
Freezing Point	-25°F
Freeze-Thaw (3 cycles)	Excellent
Storage Stability (at 70°F):	Indefinite
Viscosity (cps @ 70°F)	Less than 70
Foaming Properties	Moderate

HP Products Corp.

4220 Saguaro Trail • Indianapolis, IN 46268
317-298-9950 • 800-382-5326

St. Louis, MO • Dayton, OH • South Bend, IN • Evansville, IN

MATERIAL SAFETY DATA SHEET

SECTION I - IDENTITY AND MANUFACTURERS INFORMATION

Manufacturer's Name: **HP Products Corp**
 4220 Saguaro Trail Indianapolis, IN 46268
 Telephone No. and Other Information Call: **(317) 298-9950 or (800) 382-5326**

Product Name: **Citra-Clean R-T-U**
 Date Prepared: **3-4-93**
 Prepared by: **Regulatory Affairs Department**

SECTION II - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

Hazardous Component Specific Chemical Identity: Common Name(s)	CAS No.	OSHA PEL	ACGIH TLV	Other Limits Recommended	% Optional
CONTAINS NO HAZARDOUS COMPONENTS AS LISTED IN 29 CFR 1900.1000 OR OTHER PERTINENT SECTIONS OF OSHA REGULATIONS. THIS PRODUCT CONTAINS CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS FOR SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372.					
HMIS RATING: HEALTH: 0 FLAMMABILITY: 2 REACTIVITY: 0 PERSONAL PROTECTION: 8					

SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point: **210°F**
 Vapor Pressure: **N/E**
 Vapor Density (Air = 1): **N/E**
 Solubility in Water: **Soluble**
 Appearance and Odor: **Clear, light orange liquid, pleasant citrus fragrance.**

Specific Gravity: (H₂O = 1): **1.00**
 Percent Volatile By Volume (%): **90%**
 Evaporation Rate (Water = 1): **Greater than 1.0**
 pH: **9.60**

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): **143°F (Closed Cup)**
 Extinguishing Media: **Water, Foam, Carbon Dioxide, Dry Chemical**
 Special Fire Fighting Procedures: **Fire fighters should use full protective gear including self contained breathing apparatus.**
 Unusual Fire and Explosion Hazard: **Use water fog to cool fire exposed containers.**

Flammable Limits: **LEL - N/A UEL - N/A**

SECTION V - PHYSICAL HAZARDS

Stability: **Unstable** Stable X
 Incompatibility (Materials to Avoid): **None**
 Hazardous Decomposition Products or By-products: **Thermal decomposition may produce carbon monoxide and carbon dioxide.**
 Hazardous Polymerization: **May Occur** Will Not Occur X
 Conditions to Avoid: **None**

SECTION VI - HEALTH HAZARDS

(s) of Entry: **Inhalation?** Skin? X Ingestion? X
 Health Hazards: **ACUTE: Causes moderate irritation with prolonged or repeated contact. Ingestion may cause vomiting and diarrhea. CHRONIC: No information on chronic health hazards is available.**
 Chemical Listed as Carcinogen: **National Toxicology Program: NO** I.A.R.C. Monograph: **NO** OSHA: **NO**
 Signs and Symptoms of Exposure: **Eyes: Mild irritation and redness. Skin: Irritation, chapping and dermatitis with prolonged or repeated exposure. Inhalation: Irritation of respiratory tract. Ingestion: Gastrointestinal irritation, nausea, cramps, vomiting.**
 Emergency and First Aid Procedures: **Eye Contact: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. Obtain medical attention. Skin Contact: Remove contaminated clothing and launder before re-use. Flush skin thoroughly with soap and water. Inhalation: Remove person to fresh air. Ingestion: Contact physician or poison control center immediately. Give affected person several glasses of water and induce vomiting. Never give anything by mouth to an unconscious person.**

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps To Be Taken in Case Material is Released or Spilled: **Ventilate area and remove all sources of ignition. Contain spill, soak up on absorbent material or flush away with water.**
 Waste Disposal Procedure: **Consult local environmental authorities.**
 Precaution to be Taken in Handling and Storage: **Store in a cool, dry place. Keep container tightly closed when not in use.**
 Other Precautions: **Keep out of reach of children.**

SECTION VIII - CONTROL MEASURES

Respiratory Protection (Specify Type): **Use with adequate ventilation.**
 Ventilation: **Local Exhaust: Not required** Mechanical: **Recommended** Special: **Not required** Other: **Not required**
 Protective Gloves: **Rubber** Eye Protection: **Chemical Goggles** Other Protective Clothing or Equipment: **Emergency Shower and Eye Wash Station**

NOTICE: NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESSED OR IMPLIED, OR MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR OF ANY OTHER NATURE, ARE MADE WITH RESPECT TO INFORMATION CONCERNING THE PRODUCT REFERRED TO IN THIS MATERIAL SAFETY DATA SHEET.

N/A (Not Applicable / Not Available) N/E (Not Established)

The health hazards given on this Material Safety Data Sheet apply to this product in its concentrated form (as supplied) and may differ significantly at use dilution. The signs and symptoms of overexposure apply only to negligence in handling or misuse of the concentrated product and not to the routine exposure of the diluted product under conditions of ordinary use.

HMIS
HAZARD
RATING

HEALTH	0
FLAMMABILITY	2
REACTIVITY	0
PERSONAL PROTECTION	8

0 - LEAST
1 - SLIGHT
2 - MODERATE
3 - HIGH
4 - EXTREME