

Orange Plus

Envirochem

425 Whitehead Avenue
South River, NJ 08882
Phone—732-238-6700
Fax— 732-238-5590

GENERAL DESCRIPTION: **ORANGE PLUS** is a fast acting d'limonene based cleaner and degreaser for removal of spots, stains and soil buildups. **ORANGE PLUS** works miracles on heavily soiled kitchen floors and quarry tile floors. **ORANGE PLUS** is also an excellent grout cleaner when used with a scrub brush. It's pleasant fragrance makes **ORANGE PLUS** a natural for all maintenance and general cleaning applications including engines, white wall tires, ceramics, formica, and all hard surfaces not affected by water.

PHYSICAL PROPERTIES:

Chemical Composition Emulsifiers, Penetrating agents, water conditioners, stabilizing and buffering agents, soil suspending agents.

AppearanceClear Orange liquid
pH.....7.8
Specific gravity995 (8.3 lbs/gal)
Stability 6 months @ Ambient Temperature
Wetting Ability Good
Free Caustic..... None
Foam..... Low to Moderate
Rinsing..... Complete
Solubility Complete and Fast
Emulsification..... Rapid
Odor. Strong Citrus

DIRECTIONS FOR USE:

Spray and mop or scrub product on surface to be cleaned. Allow cleaner to remain on surface for a few seconds before wiping off with damp cloth.

Heavy soil loads: Use 8-12 ounces per gallon

Medium soil loads: Use 4-8 ounces per gallon

Lighter soil loads: Use 2-4 ounces per gallon

HANDLING PRECAUTIONS:

CAUTION: WARNING KEEP OUT OF REACH OF CHILDREN.

Do not take internally. Contact with skin and eyes may cause severe irritation. Harmful if swallowed. Flood with water if splashed in eyes. Flush with water for 15 minutes and consult physician immediately. If ingested, drink large amounts of milk, milk of magnesia or gelatin, or if these are not available, drink large amounts of water. DO NOT induce vomiting. Obtain prompt medical attention.

PACKAGING:

4/1 gal plastic bottles - 34 lbs net / 38 lbs gross
5 gallon plastic pails - 44 lbs net/47 lbs gross

Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.

MATERIAL SAFETY DATA SHEET

Envirochem Inc.
 425 Whitehead Ave
 South River, NJ 08882
 Phone 732-238-6700

N.A.=Not Applicable
 Not Est.=Not Established

Prepared by: Regulatory Affairs Department

Date: 03/13/2003

SECTION 1- GENERAL PRODUCT DATA

Product Name: ORANGE PLUS

Product Code: L4544

HMIS Legend: 4-Extreme 3-High 2-Moderate 1-Slight 0-Insignificant

HMIS Hazard Code: Health:1 Flammability:0 Reactivity:1

Chemical Family: Detergent- Air Freshener

D.O.T. Shipping Name: Compound,Cleaning Liquid

CHEM-TEL, INC.

24 Hour Emergency Contact 1-800-255-3924

Chemical Strength: MILDLY ALKALINE

Formula: PROPRIETARY

Hazard Class: N/A

SECTION 2 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS NO.	OSHA PEL	ACGIH	TLV	%
Isopropyl Alcohol	67-63-0	400	400	Tlv	<5
NJTSR#39210900-5031P					>5
NJTSR#39210900-5101P					<5
NJTSR#39210900-5037P					<5

Unidentified ingredients are not considered hazardous under the Federal Hazard Communications Standard (29 CFR 1910. 1200)

SECTION 3 - PHYSICAL DATA

Boiling Point (°F): 214

Vapor Pressure (mm Hg): = NA

Appearance: MED VISCOSITY LIQUID

Specific Gravity: 1.012

Percent Volatile By Volume: NA

Evaporation Rate: = NA

Odor: ORANGE

pH: 7.5

SECTION 4 - FIRE AND EXPLOSION DATA

Flash Point (F): na

Flammable Limits: na

Unusual Fire & Explosion Hazards: not considered flammable

Special Fire Fighting Procedures: Not normally considered combustible. Will not burn or sustain combustion.

SECTION 5 - HEALTH HAZARD DATA

Route(s) of Entry: Inhalation: No Skin: Yes Ingestion: No **Threshold Limit Value:** NA

Effects of Overexposure: Contact with skin may cause defatting and irritation. Contact with eyes may cause irritation or burns.

Emergency & First Aid Procedures:

Inhalation: No emergency care anticipated.

For Skin: Wash with cool water and avoid prolonged contact.

For Eyes: Flush eyes with cool water for at least 15 minutes. Contact physician if irritation develops.

If Ingested: If ingested give several cups of water or milk to dilute. Do not induce vomiting. Seek medical attention. Do not give liquids to an unconscious person.

Carcinogen: Not considered carcinogenic by OSHA, NTP, or IARC

SECTION 6 - REACTIVITY DATA

Stability: Stable

Conditions to Avoid:

Incompatibility: Strong oxidizing agents

Hazardous Decomposition Products: None

Hazardous Polymerization: Will not occur.

SECTION 7 - SPILL OR LEAK PROCEDURES**Steps to be taken if material is released or spilled:**

Stop flow of product. Dilute with water and neutralize if required. Avoid inhalation. Wash away small spills with plenty of water. Avoid skin contact. Decontaminate clothing.

Waste disposal method: Observe all local, state and federal regulations. Collect large spills for disposal. Observe all label safeguards until container is cleaned, reconditioned or destroyed.

SECTION 8 - SUGGESTED PROTECTIVE EQUIPMENT

Respiratory Protection: None usually required.

Ventilation: Adequate general ventilation

Protective Gloves: Rubber or neoprene gloves.

Eye Protection: Chemical goggles or face shield.

Other Protective Equipment: None usually required.

SECTION 9 - SPECIAL PRECAUTIONS**Precautions to be taken in handling and storage:**

Store at room temperature. Protect from freezing. Keep container closed when not in use. Provide adequate ventilation. Avoid contact with skin and eyes or the breathing of mists. Wash thoroughly after use.

Other Precautions: Do not take internally. Avoid contamination of food. For industrial use only. Do not mix with anything but water.

SECTION 313 SUPPLIER NOTIFICATION

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40 CFR 372:

This information must be included in all MSDS's that are copied and distributed for this material.

NOTICE

The information contained in this MSDS was obtained from current and reliable sources, however the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy, including the implied warranties of merchantability or fitness for a particular use or method of application. Since the conditions or handling, storage and disposal of this product are beyond the control of this company, it is not responsible for loss, injury and expense arising out of the products improper use.