



# **TECHNICAL DATA**

102 Barton Street, St. Louis, Missouri 63104

In-State (314) 865-4100/Out of State 800-325-9962/Fax (314) 865-4107 <http://www.schaefferoil.com>

## **#266 CITROL CONCENTRATE**

Citrol is a biodegradable, environmentally safe, water soluble, heavy duty, organic citrus base, solvent cleaner and degreaser. It is designed for use in almost any industrial, transportation or general plant maintenance operations as a replacement for hazardous environmentally unacceptable aliphatic, aromatic, chlorinated, fluorocarbon, alkaline, acidic or petroleum solvent base cleaners and degreasers.

Citrol is specially formulated from a combination of organic citrus based solvents and multi-component surfactant-emulsifier system. This unique combination provides Citrol with the ability when mixed with water or used straight to rapidly penetrate and remove a wide range of various soils, dirt and inks.

Citrol's formulation does not contain any unacceptable petroleum distillate, petroleum hydrocarbon, chlorinated or chlorofluorocarbon type solvents, thus making the product environmentally acceptable for use.

Citrol, when used in a concentrated form or at various dilution rates, will rapidly penetrate and lift various petroleum, animal, and vegetable based oils, fats and greases so that they can be easily removed by water rinsing. The oil contaminants in the used Citrol solution left in a still tank or holding tank or pond after cleaning will rise to the surface and separate from the Citrol solution. This oil can then be removed by top skimming and the bottom layer can be reused or disposed of in accordance with all applicable Local, State, and Federal rules and regulations if no longer needed.

### **TYPICAL USES:**

#### **INDUSTRIAL PLANT DEGREASER**

To degrease mill stands, plant machinery, fork lifts, conveyors, oil cellars, tar pumps, valves.

#### **INDUSTRIAL CLEANER**

To clean floors, walls, production machinery, mobile equipment.

#### **IN THE SHOP**

To degrease engines, transmissions, motors, housings, parts floor, walls, and to remove road tar and grime from trucks, dozers and tractors.

#### **WASTE TREATMENT PLANTS**

To degrease, clean and deodorize lift stations, wet wells and walls, catwalks, bar screens, sump pumps, scum pits and troughs, transfer pipes and equipment.

Continued on Next Page

TD-266 (Rev.6/01)

**FOOD PLANTS**

To degrease floors, walls and production machinery in areas where there is no possibility of contact with food, foodstuffs and packaging.

**MINING OPERATIONS**

To degrease and remove open gear lubes, dirt and grime from dipper sticks, house rails and rollers, underground equipment and mobile equipment.

**TYPICAL USE DIRECTIONS**

<b>Surface</b>	<b>Problem Soils</b>	<b>Water Dilution Rates (Metatron 266 to Water)</b>	<b>Method of Application</b>
Mill housings, shovel sticks, mill stands, floors, oil cellars	Heavy grease & oils, carbonized deposits, tars	1:1 to 1:5 or undiluted.	Use coarse spray, foam on or apply by brush. Rinse with water.
Automotive parts, engine housings, transmission, all metal parts	Heavy grease, oily deposits	1:1 to 1:5 or undiluted	Spray or brush on, or use in a cold dip tank. Rinse with water.
Waste Treatment plants; wet well & walls; lift stations	Waste fats, grease, oils, odor sources	1:1 to 1:5 or undiluted	Spray on using coarse spray under normal or low pressure. Let stand 10-15 minutes. Rinse with water before surface dries.
Industrial Plant flooring & machinery	Heavy greases, oil rubber marks, ink, glues, adhesives and waxes.	1:1 to 1:10 or diluted	Spray, mop or brush on or use power/vacuum scrubber with pickup.
Parts Washing	Grease, oils	1:1 to 1:10 or undiluted	Use cold in re-circulating dip tanks. Rinse with water or wipe with a dry rag.
Trucks, dozers, tractors, mobile equipment	Road Tar, grease, grime and bituminous deposits	1:1 to 1:15 or undiluted	Spray on or apply by brush. For best results let set for 5 minutes. Rinse with water before surface dries.

**CAUTION:** Prolonged immersion with Citrol may attack some plastics, aluminum and painted surfaces. Spot test before using.

**TYPICAL PROPERTIES**

<b>TEST</b>	<b>RESULTS</b>
pH (concentrate)	9
Flash Point °F/°C (concentrate) PMCC (ASTM D-93)	128°/53.33°
Flash Point °F/°C (1:1 dilution ratio) PMCC (ASTM D-93)	166°/74.44°
Flash Point °F/°C (1:5 dilution ratio) PMCC (ASTM D-93)	177°/80.56°
Flash Point °F/°C (1:10 dilution ratio) PMCC (ASTM D-93)	200°/93.33°
Flash Point °F/°C (1:15 dilution ratio) PMCC (ASTM D-93)	None to boiling point 212°/100°
Freezing Point	20°F/-7°C
Solubility	Complete solubility in water
Rinsability	Excellent with water
Metal Safety	Safe for use on most metals

Packaging: #266 Citrol is available in 55 gallons, 30 gallons and 5 gallon pails and spray cans (12 can/case)