



TECHNICAL DATA

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266 CITROL® (BULK)

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 a 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, and valves

INDUSTRIAL CLEANER

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

IN THE SHOP

To degrease engines, transmissions, motors, housings, parts, floors, 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.

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.

VOC Regulations:

CT, DC, DE, IL, IN, MA, MD, ME, MI, NH, NJ, NY, OH, PA, RI, UT, VA, VT: Product must be diluted 1:15 to meet VOC requirements. NOT FOR SALE IN CA.

TYPICAL USE DIRECTIONS:

Surface	Problem Soils	Water Dilution Rates (266 to Water)	Method of Application
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

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