

METATRON™ 800

“CITROL”

DESCRIPTION :

Metatron™ 800 Citrol is a biodegradable, waste treatable, environmentally safe, water soluble, heavy-duty organic citrus base solvent cleaner, and degreaser. **Metatron™ 800 Citrol** is designed for use in almost 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.

SPECIAL FORMULATION

Metatron™ 800 Citrol is specially formulated from a combination of organic citrus-based solvents and a multi-component surfactant-emulsifier system. This unique formulation provides **Metatron™ 800 Citrol** with the ability when mixed with water or used straight rapidly penetrates and removes a wide range of various soils, dirt, and ink.

DOES NOT CONTAIN HAZARDOUS OR ENVIRONMENTALLY UNACCEPTABLE SOLVENTS:

Metatron™ 800 Citrol formulation does not contain any unacceptable petroleum distillate, petroleum hydrocarbon, chlorinated or chlorofluorocarbon type solvents, thus making the product environmentally acceptable for use.

RAPIDLY PENETRATES AND LIFTS:

Metatron™ 800 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, greases so that they can be used easily removed by water rinsing. The oil contaminants in a used **Metatron™ 800 Citrol** solution after cleaning when left in a still tank or holding tank or pond will rise to the top and separate from the **Metatron™ 800 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, provincial (state), and Federal rules and regulations.

TYPICAL USES:

| | |
|-------------------------|---|
| Industrial Plants: | To degrease mill stands, plant machinery, forklifts, conveyors, oil Cellars, tar pumps and valves. |
| Industrial Cleaner: | To clean floors, wall and 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 degreases and remove open gear lubes, dirt, and grime from dipper sticks, house rails and rollers, underground equipment and mobile equipment. |

TYPICAL USE DIRECTIONS:

| SURFACE | PROBLEM SOILS | WATER DILUTION RATES (Metatron 800 Citrol to Water) | METHOD OF APPLICATION |
|---|---|--|--|
| Mill housings, shovels, sticks, mill stands, floors, oil cellars | Heavy grease and 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, transmissions, 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. |
| Water Treatment plants, wet wells & 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 Plants flooring and machinery | Heavy greases, oil, rubber marks, ink, glues and adhesives, waxes | 1:1 to 1:10 or undiluted | Spray, mop or brush on or use power/vacuum scrubber with pickup. |
| Parts washing | Grease and 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, Bituminous deposits and grime | 1:1 to 1:15 | Spray on or apply by brush. For best results let set for 5 minutes. Rinse with water before surface dries |

CAUTION:

Prolonged immersion with Metatron 800 Citrol may attack some plastics, aluminum, and painted surfaces. Test before using.

TYPICAL PROPERTIES:

| | |
|--|-------------------------------------|
| pH (concentrate) | 9 |
| Flash Point °C (°F) PMCC (ASTM D-93) | 53°C (128°F) |
| Flash Point °C (°F), (1:1 dilution), PMCC (ASTM D-93) | 74°C (166°F) |
| Flash Point °C (°F), (1:5 dilution), PMCC (ASTM D-93) | 81°C (177°F) |
| Flash Point °C (°F), (1:10 dilution), PMCC (ASTM D-93) | 93°C (200°F) |
| Flash Point °C (°F), (1:15 dilution), PMCC (ASTM D-93) | None to boiling point 100°C (212°F) |
| Freezing Point °C (°F) | -7°C (20°F) |
| Solubility | Complete solubility in water |
| Rinseability | Excellent with water |
| Metal safety | Safe for use on most metals |