

NUTRIGENT

- Concentrated Industrial Cleaner
- Biodegradable
- Cleans quickly and easily
- Versatile, Multi-Purpose
- Trouble-Free
- Economical
- Safe



LUBRICATION ENGINEERS, Inc.

LEADERS IN LUBRICANTS
LE PRODUCTS MANUFACTURED UNDER AN ISO 9001 CERTIFIED QUALITY SYSTEM



NUTRIGENT . . . Powerful Yet Safe

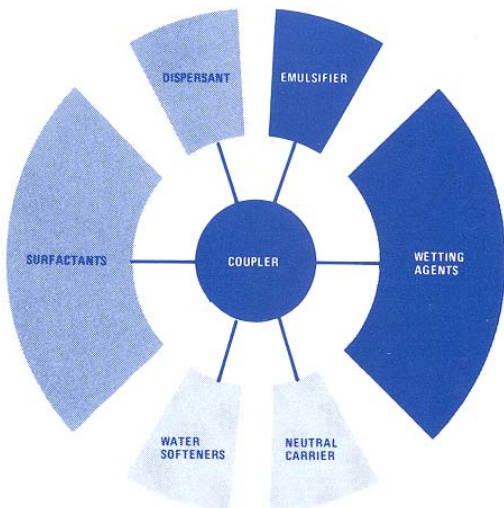
Nutrigent fills the need for a versatile, multi-purpose industrial detergent, that is powerful yet safe...

Only the concentrated Nutrigent formula contains nine carefully selected and blended active cleaning ingredients. Almost twice as many as conventional multi-purpose products which work together to give so many different types of cleaning action for so many applications... all this to give you these benefits:

- **Cleans quickly and easily without leaving a residue.** Powerful ingredients work quickly to reduce the labor time required in your cleaning operations. Just apply the solution with a mop, cloth, brush or spray, let its power work from a few seconds – to minutes, depending on the application and then rinse it off.

A special agent, not found in other multi-purpose industrial detergents, is specifically designed to attack and dissolve petroleum based soil. This, plus surfactants and a wetting agent penetrates, loosens and dissolves dirt, grease and grime from the surface.

A dispersant in Nutrigent disperses and coats the particles broken loose by the detergent action.



Graphic Breakdown of NUTRIGENT's formula.

This prevents the particles from adhering again to the clean surface. Even if the cleaning solution dries on the surface, the soils can be rinsed free with water. In either case, no streaking or residue is left.

- **Versatile, multi-purpose cleaner.** Widespread use has proven Nutrigent to be most effective for use in a broad range of applications – cleaning road film off trucks, strong chemicals from farm implements, heavy-duty construction equipment, concrete surfaces, steam cleaning. In addition, although Nutrigent's potent chemical formula works in the above applications, it also is gentle. It can be used as a general purpose cleaner, and even as a hand cleaner. Nutrigent can also be used with solvents for degreasing and other types of solvent cleaning.

- **Economical.** Being highly concentrated, a little Nutrigent does a lot of cleaning. For most applications, one gallon of Nutrigent makes 32-64 gallons of ready-to-use cleaning solution.

And as mentioned before, you can also stock fewer cleaners (multi-purpose, versatile) and reduce labor for cleaning because it acts fast.

- **Trouble-Free Performance.** A variety of active ingredients prevent potential problems from occurring.

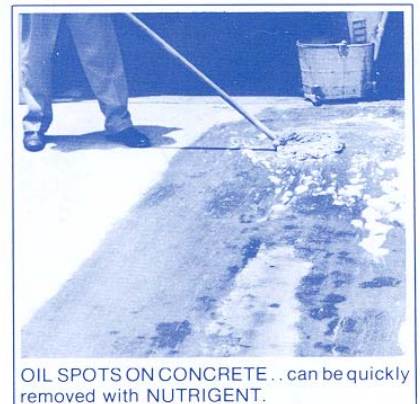
A coupler converts the various ingredients into one single, permanent solution, thus preventing settling out even if the product is stored for long periods of time.

The Nutrigent solution mixes easily with water or solvents without settling, thus eliminating the bother of mixing powdered compounds.

Leaves no detergent or solvent film – thus assuring totally clean surfaces and eliminating any streaking.

- **Safe.** Despite Nutrigent's powerful cleaning formula, it is completely safe. At the recommended dilution rate, Nutrigent will not harm human skin. The non-caustic, non-acid, non-flammable compound contains no abrasives. Nutrigent can be safely used to clean any surface where water can be used. As powerful as Nutrigent is, it will not remove paint.

Concrete Surfaces -
Factory, shop and warehouse floors, loading docks, parking



areas, driveways and walls.

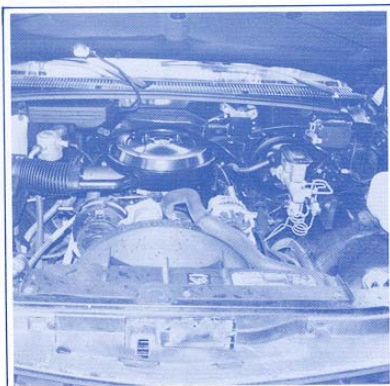
- Special oil and grease dissolving ingredient ... specially designed for petroleum-based soils often encountered in this application.
- Detergent lifting action reduces labor associated with cleaning concrete – mopping or brushing to break loose soil.
- Leaves no dangerous slick detergent or solvent film vs. solvents alone or the so-called degreasing emulsions.
- Quickly removes all types of surface soils including residues resulting from grain, food, poultry, meat processing and dairy operations.

Degreasing – Stripping grease and dirt from engines, parts, tools or other equipment.



NUTRIGENT AND SOLVENT DISSOLVES GREASE, DIRT AND GRIME from this engine covered with a thick layer of dirt and grease and keeps it in suspension until rinsing.

- Quick cleaning . . . Nutrigent emulsion takes about 30 minutes with normal-to-heavy accumulations of grease & grime.



A SPARKLING CLEAN ENGINE . . . This truck looks and runs better after the engine was degreased using NUTRIGENT and kerosene.

- Free rinsing with no solvent film remaining. Rinsing with a water hose using normal tap pressure removes all traces of soil and emulsion without leaving any solvent film. Solvent alone will dissolve grease but cannot be rinsed off the surface.
- Economical: 5 Quarts of a stable Nutrigent/solvent emulsion, degreases a typical engine. And no special equipment is needed.

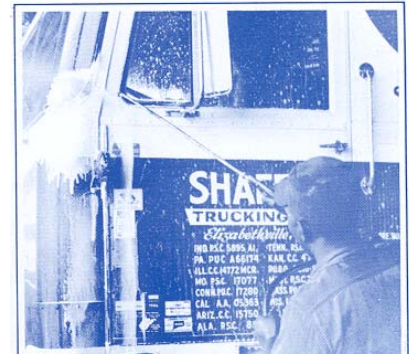
Steam Cleaning – Cleans quickly and thoroughly... can clean away most types of soil in 2 to 10 seconds without splashing off and spilling on the ground.



POURING NUTRIGENT INTO THE STEAM CLEANER TANK . . . Less than one quart of NUTRIGENT makes 10 gallons of solution.

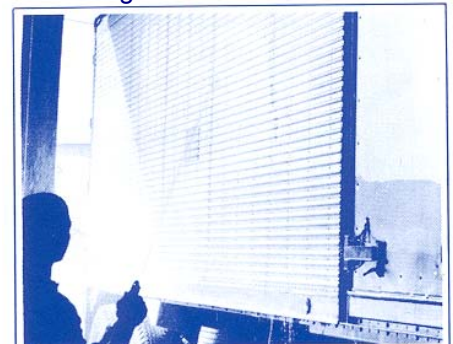
- Eliminates scale problems on steam generating equipment coils, caused when hard water salts react with steam cleaning compounds. Keeps equipment operating efficiently while permitting you to operate 2-5 times longer between costly and time-consuming acid flushing necessary to remove scale.
- Mixes easily and completely. No orifice clogging. Added directly to the solution tank it mixes instantly with water without agitation or settling, thus eliminating the bother of mixing powdered compounds that could cause orifice clogging with undissolved articles.
- Completely safe... non caustic and will not corrode or damage aluminum, painted surfaces or similar types of surfaces. Can be safely used inside buildings.
- Ideally suited to the short cleaning cycle of steam cleaning. Its surfactants and wetting agents produce an instant "wetting out" of the soil followed by an equally rapid dissolving process.

Truck and Tractor Washing - Economical... reduces labor costs by cleaning up to 3 times faster.



SOLUTION INSTANTLY LOOSENS DIRT . . . Potent action of the NUTRIGENT solution has already broken loose the soil.

- It's strong and effective, used in wash sheds where caustic and acid products were previously used. One gallon makes from 32-64 gallons of solution. Nutrigent also eliminates clogged spray nozzles since it contains no solid particles.
- Versatile... Plus with this versatile product you can replace other specialized products usually used in truck and equipment washing. Spray or hand application of Nutrigent requires less labor because repeated brushing or rubbing is not needed to break up dirt. Nutrigent in spray equipment, using heated solution cleans with no rubbing. Rinsing leaves the equipment clean with no streaking.



RINSING REMOVES EVERY TRACE OF SOIL.



How To Use NUTRIGENT

USE	QUANTITY	DIRECTIONS
Concrete Floors and surfaces	4-6 o gallon of water	Normal cleaning. Apply freely 5-10 minutes. Rinse off with pressure hose or mop away solution and dirt.
	10-12 oz. per gallon of solvent such as diesel fuel or kerosene.*	Heavy oil or grease. Permit solution to soak on the surface for 10-15 minutes. Rinse clean with pressure hose. Caution: This solution is flammable. *
Steam cleaning	3-4 oz. per gallon of water.	Mix in the steam cleaner solution tank. First put water in the tank and then add Nutrigent.
Degreasing tools and other equipment	1 part Nutrigent to four parts kerosene or diesel fuel**	This material should first be thoroughly mixed 1 part Nutrigent to one part solvent. Then remaining 3 parts solvent should be mixed in slowly. This procedure produces a more stable emulsion. The solution may be sprayed, brushed or poured. Allow to soak about 15 minutes. Then rinse with water from a pressure hose. Similar mixing instructions should be followed for soak tank cleaning. Periodically stir or agitate the emulsion, Caution: solvent emulsions may be flammable.*
Trucks and tractor washing	1-3 oz. per gallon of water	Spray equipment – Where heated solution is used, and depending on type and density of soils.
	3-4 oz. per gallon of water.	Hand-cleaned – With mops and brushes. With both methods the process should include a thorough wetting down of the equipment, a 5-8 minute soaking, following by rinsing.
Floor and wax	2 oz. per gallon of	Wipe, brush or spray on mixture. Wipe or mop dry with a clean cloth or mop.
General Purpose cleaning	1-2 oz. per gallon of water.	Apply freely. Ideal for restrooms, windows, vinyl upholstery, etc., or hand wiping machinery, woodwork, etc. Note: Nutrigent should not be used on water soluble paint.
General cleaning livestock processing	3-4 oz. per gallon of	Apply freely. Rinse as usual. Equipment and utensils should then be thoroughly rinsed with potable water (USDA approved).
Car washing	1-2 oz. per gallon of water	Apply solution freely. Allow to soak 3-5 minutes. Rinse thoroughly with water.
	1/2 –1 1/2 oz. per gallon of water	Where heated solution is used under pressure. Apply solution freely. Allow to soak 3-5 minutes. Rinse thoroughly with water.
Floor wax	3-5 oz. per gallon of water.	Apply freely. Allow to soak for 15 minutes. Mop with clean water.
Hand cleaner	2 parts Nutrigent to 3 parts water.	Apply freely. Rinse thoroughly with water.
Laundering oil strained fabrics	1-2 oz. per gallon water.	Mix in the washing equipment. Soak heavily soiled fabrics in straight

*Use only when regulations permit. Dispose of properly. Do not put flammable solvent mixture down municipal sewers.



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