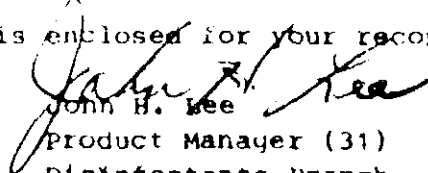


<p style="text-align: center;">U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (WH-567) WASHINGTON, D.C. 20460</p> <p>NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> REGISTRATION <input type="checkbox"/> REREISTRATION (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)</p>	<p>EPA REGISTRATION NO. 5741-19</p>	<p>DATE OF ISSUANCE 19 JUN 1985</p>
<p>TERM OF ISSUANCE</p>		
<p>NAME OF PESTICIDE PRODUCT</p> <p style="text-align: center;">The Cleaner</p>		
<p>NAME AND ADDRESS OF REGISTRANT (Include ZIP code)</p> <div style="border: 1px solid black; padding: 10px; margin: 10px auto; width: 80%;"> <p style="text-align: center;">Spartan Chemical Company, Inc. 110 N. Westwood Avenue Toledo, OH 43607</p> </div>		
<p>NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.</p>		
<p>On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.</p> <p>A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.</p> <p>Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.</p> <p>This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(C) provided that you:</p> <ol style="list-style-type: none"> 1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data. 2. Make the labeling changes listed below before you release the product for shipment: <ol style="list-style-type: none"> a. Add the phrase "EPA Registration No. 5741-19." 3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling. <p>If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.</p> <p>A stamped copy of the label is enclosed for your records.</p> <div style="text-align: right; margin-top: 10px;">  John H. Lee Product Manager (31) Disinfectants Branch Registration Division (TS-767c) </div>		
<p><input type="checkbox"/> ATTACHMENT IS APPLICABLE</p>		
<p>SIGNATURE OF APPROVING OFFICIAL</p>		<p>DATE</p>

(The Cleaner - Proposed Label)

(FRONT PANEL)

THE CLEANER

Heavy-Duty Germicidal Detergent Complex
for Sump and Machine Cleaning

An excellent synthetic detergent concentrate formulated to kill odor causing bacteria, remove oily, greasy buildups and inhibit rancidity. Easy to use/economical.

Active Ingredient:

n-alkyl (C₁₄-50%, C₁₂-40%, C₁₆-10%)
dimethyl benzyl ammonium chlorides . . . 2.50%

Inert Ingredients. 97.50%

EPA Reg. No. 5741-

EPA Est. No. 5741-OH-1

ACCEPTED
with COMMENTS
in EPA Letter Dated:

JUN 19 1985

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

5741-19

KEEP OUT OF REACH OF CHILDREN

DANGER:

See side panel for additional precautionary statements.

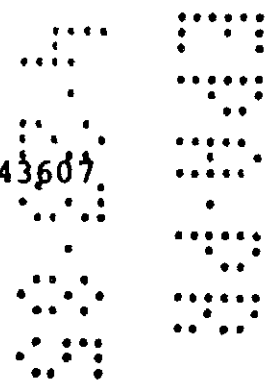
Only for Sale to, Use, and Storage by Servicepersons

Spartan Chemical Co., Inc., 110 N. Westwood, Toledo, OH 43607

Net Contents: 5 U.S. Gallons/18.95 Liters

(OR)

55 U.S. Gallons/208.20 Liters



(BACK PANEL)

JUN 19 1985

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

5741-19

SPARTAN LOGO

THE CLEANER

Heavy-Duty Germicidal Detergent Complex for Sump and Machine
Cleaning

The Cleaner is a heavy-duty detergent complex formulated specifically to remove heavy build-ups and kill odor and rancidity causing microorganisms in the coolant systems of metalworking machines prior to recharging with fresh coolant.

Directions for Use:

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Always use The Cleaner prior to recharging to avoid contamination of the new coolant and to insure longer coolant life.

1. Pump out or drain the machine thoroughly. Manually remove any chip build-up, slime accumulation and other heavy deposits.
2. Remove all base plates, pump filters and removable weirs to insure accessibility of all hard-to-reach areas.
3. Add The Cleaner to the machine sump at one (1) part The Cleaner to 30 or 40 parts water. (Note: A higher concentration such as 1:10 may be required if severe rancidity or excessive buildup exists.)
Circulate solution for at least 10 minutes.
4. While The Cleaner is being circulated in the machine, manually scrub down all machine surfaces, coolant troughs;

splash guards, filter areas and tooling mechanisms.

5. Pump out The Cleaner solution and thoroughly rinse the coolant system and machine with water at least twice.
6. Charge system with fresh coolant. (Refer to Recommended Starting Coolant Concentration Chart.)

Repeat cleaning procedure when system becomes excessively dirty.

PRECAUTIONARY STATEMENTS

ACCEPTED
with COMMENTS
In EPA Letter Dated:

Hazard to Humans and Domestic Animals

JUN 19 1985

DANGER

Keep out of reach of children.

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

Corrosive. Causes severe eye and skin damage. Do not get in
eyes or on skin or on clothing. Wear Goggles or face shield and
rubber gloves when handling. Harmful if swallowed.

STATEMENT OF PRACTICAL TREATMENT

In case of contact immediately flush eyes or skin with plenty of
water for at least 15 minutes - for eyes call a physician.
remove and wash contaminated clothing before reuse. If
swallowed, drink milk, egg white, gelatin solution, or large
quantities of water. Avoid alcohol. Call a physician imme-
diately.

NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric
lavage. Measures against circulatory shock, respiratory
depression and convulsion may be needed.

(for 5-gallon size only)

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Pesticide Disposal: Pesticide wastes are acutely hazardous.

Improper disposal of excess pesticide, spray mixture or rinsate

Is a violation of Federal law. If these wastes cannot be

disposed of by use according to label instructions, contact your state pesticide or environmental control agency, or the hazardous waste representative at the nearest EPA regional office for guidance.

Container Disposal: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

JUN 19 1985

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the purpose of
registration under EPA Reg. No.

5-1-1

(for 55-gallon size only)

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

Pesticide Disposal: Pesticide wastes are acutely hazardous.

Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your state pesticide or environmental control agency, or the hazardous waste representative at the nearest EPA regional office for guidance.

Container Disposal: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

ACCEPTED
with COMMENTS
in EPA Letter Dated

JUN 19 1985

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

5791-19

RECOMMENDED STARTING COOLANT CONCENTRATION

C - The Cooler - Spartan's synthetic cutting and grinding fluid
S - The Cutter - Spartan's soluble oil cutting and grinding fluid

(parts water to parts coolant)

	GRAY CAST IRON	DUCTILE IRON	BRASS ALLOY	MILD STEEL	STAINLESS STEEL	HARD STEEL ALLOY	ALUMINUM ALLOY	COPPER ALLOY
GENERAL TURNING	C 25-1	S15-1 C20-1	S 25-1	S25-1 C20-1	S 15-1	S 15-1	S 20-1	S 25-1
BORING	C 15-1	C or S 15-1	S 20-1	S25-1 C20-1	S 20-1	S 15-1	S 15-1	S 20-1
PLANING	C 20-1	S15-1 C20-1	S 25-1	S25-1 C20-1	S 20-1	S 15-1	S 20-1	S 25-1
SPOT FACING	C20-1	C or S 25-1	S 25-1	S25-1 C20-1	S 20-1	S15-1	S 20-1	S 25-1
GENERAL MILLING	C20-1	C or S 25-1	S 25-1	S25-1 C20-1	S 20-1	S15-1	S 20-1	S 25-1
GENERAL DRILLING	C10-1	C or S 15-1	S 10-1	S15-1 C10-1	S 10-1	S 10-1	S 10-1	S 10-1
TAPPING	C 10-1	C or S 10-1	S 10-1	C8-1 S10-1	S8-1 S10-1	S5-1 S10-1	S 10-1	S 10-1
REAMING	C 10-1	C or S 10-1	S 10-1	C or S 10-1	S 10-1	S5-1 S10-1	S 10-1	S 10-1
GEAR CUTTING	C 10-1	C or S 10-1	S 10-1	C or S 10-1	S 10-1	S5-1 S10-1	S 10-1	S 10-1
HOBBIING	C 10-1	C or S 10-1	S 10-1	C or S 10-1	S 10-1	S5-1 S10-1	S 10-1	S 10-1
SCREW MACHINES	C 10-1	C or S 10-1	S 10-1	C or S 10-1	S 10-1	S5-1 S10-1	S 10-1	S 10-1
THREADING	C 10-1	C or S 10-1	S 10-1	C or S 10-1	S 10-1	S5-1 S10-1	S 10-1	S 10-1
SAWING	C 20-1	C or S 15-1	S 15-1	C or S15-1 to 20-1	S 15-1	S10-1 to 15-1	S 15-1	S 15-1
BROACHING	C 10-1	C or S 10-1	S 10-1	C or S 10-1	S 10-1	S5-1 to 10-1	S 10-1	S 10-1
SURFACE GRINDING	C25-1	C 30-1	C or S 30-1	C or S 30-1	C or S 30-1	C or S15-1 to 20-1	C or S25-1 to 30-1	C or S 30-1
OD & FINISH GRINDING	C 20-1	C20-1	C or S 25-1	C or S 20-1	C or S 20-1	C or S15-1 to 20-1	C or S20-1 to 25-1	C or S20-1 to 25-1
ID & CYLINDRI- CAL GRINDING	C 20-1	C 20-1	C or S 20-1	C or S 20-1	S 20-1	C or S15-1 to 20-1	C or S20-1 to 25-1	C or S 20-1

Guarantee:

Spartan's modern manufacturing and laboratory control insure uniform quality. All products manufactured by Spartan Chemical Co., Inc., are unconditionally guaranteed when used as directed. Any unused portion may be returned for credit.

For Institutional and Industrial Use Only



ACCEPTED
with COMMENTS
in EPA Letter Dated

JUN 19 1985

Label for use in accordance with the
Federal Insecticide, Fungicide, and
Rodenticide Act as amended and the pesticide
registered under EPA Reg. No.

5741-19

Spartan Chemical Co., Inc.
111 N. Westwood Ave.
Tulsa, OK 74106

(THE CLEANER - Proposed literature copy)

JUN 19 1985

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

5741-19

THE CLEANER

Heavy-Duty Germicidal Detergent Complex for Sump
and Machine Cleaning

The Cleaner is a heavy-duty detergent complex formulated specifically to remove build-ups and kill odor and rancidity causing microorganisms in the coolant systems of metalworking machines prior to recharging with fresh coolant.

Rapid Grease and Tramp Oil Emulsification:

The excellent emulsification characteristics of The Cleaner removes accumulations of grease and lubricating oils from the machine surface, coolant lines, filtration equipment and coolant sump, rinsing them away.

Kills Odor Causing Bacteria and Fungus:

The high alkalinity, concentrated detergency and germicidal action of The Cleaner removes bacterial slime, odor and scum from even hard-to-reach areas of the machine such as coolant lines, tank holders coolant pumps and filters.

Easy to Use:

The Cleaner is completely soluble in hot or cold water and no special equipment is required for mixing.

EPA Reg. No. 5741-19

EPA Reg. No. 5741-19

Directions for Use:

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Always use The Cleaner prior to recharging to avoid contamination of the new coolant and to insure longer coolant life.

1. Pump out or drain the machine thoroughly. Manually remove any chip build-up, slime accumulation and other heavy deposits.
2. Remove all base plates, pump filters and removable weirs to insure accessibility of all hard-to-reach areas.
3. Add The Cleaner to the machine sump at one (1) part The Cleaner to 30 or 40 parts water. (Note: A higher concentration such as 1:10 may be required if severe rancidity or excessive buildup exists.) Circulate solution for at least 10 minutes.
4. While The Cleaner is being circulated in the machine, manually scrub down all machine surfaces, coolant troughs, splash guards, filter areas and tooling mechanisms.
5. Pump out The Cleaner solution and thoroughly rinse the coolant system and machine with water at least twice.
6. Charge system with fresh coolant. (Refer to Recommended Starting Coolant Concentration Chart.)

Repeat cleaning procedure when system becomes excessively dirty.

Formula for determining

Total Volume by Gallons

Width x Length x Height (in inches)

231

ACCEPTED
with COMMENTS
in EPA Letter Dated:

JUN 19 1985

TVG
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
5741-17

RECOMMENDED STARTING COOLANT CONCENTRATION

C - The Cooler - Spartan's synthetic cutting and grinding fluid
S - The Cutter - Spartan's soluble oil cutting and grinding fluid

(parts water to parts coolant)

	GRAY CAST IRON	DUCTILE IRON	BRASS ALLOYS	MILD STEEL	FLAMELESS STEEL	HARD STEEL ALLOYS	ALUMINUM ALLOYS	COPPER ALLOYS
GENERAL TURNING	C 25-1	S15-1 C20-1	S 25-1	S25-1 C20-1	S 15-1	S 15-1	S 20-1	S 25-1
BORING	C 15-1	C or S 15-1	S 20-1	C20-1 S25-1	S 20-1	S 15-1	S 15-1	S 20-1
PLANING SPOT FACING	C 20-1	S15-1 C20-1	S 25-1	C20-1 S25-1	S 20-1	S 15-1	S 20-1	S 25-1
GENERAL MILLING	C20 to 25-1	C or S C20-1	S 25-1	S25-1 C20-1	S 20-1	S15 to 20-1	S 20-1	S 25-1
GENERAL DRILLING	C10 to 15-1	C or S 10-1	S 10-1	S15-1 C10-1	S 10-1	S 10-1	S 10-1	S 10-1
TAPPING	C 10-1	C or S 10-1	S 10-1	C8-1 S10-1	S8 to 10-1	S5 to 10-1	S 10-1	S 10-1
GEAR CUTTING	C 10-1	C or S 10-1	S 10-1	C or S 10-1	S 10-1	S5 to 10-1	S 10-1	S 10-1
HOBBING	C 10-1	C or S 10-1	S 10-1	C or S 10-1	S 10-1	S5 to 10-1	S 10-1	S 10-1
SCREW MACHINES	S5 to 10-1	S 10-1	S 10-1	S 10-1	S 10-1	S 10-1	S 10-1	S 10-1
THREADING	C 10-1	C or S 10-1	S 10-1	C or S 10-1	S 10-1	S 10-1	S 10-1	S 10-1
SAWING	C 20-1	C or S 15-1	S 15-1	C or S15 to 20-1	S 15-1	S10 to 15-1	S 15-1	S 15-1
BROACHING	S5 to 10-1	S5 to 10-1	S 10-1	S 10-1	S5 to 10-1	S5 to 10-1	S 10-1	S 10-1
SURFACE GRINDING	C25 to 30-1	C 30-1	C or S 30-1	C or S 30-1	C or S 20-1	C or S15 to 20-1	C or S25 to 30-1	C or S 30-1
OD & FINISH GRINDING	C 20-1	C20 to 25-1	C or S 20-1	C or S 20-1	C or S 20-1	C or S15 to 20-1	C or S20 to 25-1	C or S20 to 25-1
ID & CYLINDRI- CAL GRINDING	C 20-1	C 20-1	C or S 20-1	C or S 20-1	S 20-1	C or S15 to 20-1	C or S20 to 25-1	C or S 20-1

ACCEPTED
with COMMENTS
in EPA Letter Dated

Specification Data:

ACTIVE INGREDIENT:

n-alkyl (C₁₄-50%, C₁₂-40%, C₁₆-10%)

dimethyl benzyl ammonium chlorides..... 2.50%

INERT INGREDIENTS..... 97.50%

Specific Gravity @24°C/75°F - 1.04

pH (Concentrate) - 13.2-13.5

Density @ 24°C/75°F - 8.7 lbs/gal.

Flash Point - None

Cloud Point - Clear to 72°C/162°F

Viscosity - Non-viscous

Color - Red

JUN 19 1985

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

5741-19

Miscibility - completely miscible in all proportions with hot or cold water; forms emulsion with oils and water insoluble solvents.

Storage Stability:

- a. Shelf @ 24°C/75°F in excess of one year
- b. Accelerated @ 49°C/120°F in excess of 90 days.
- c. Freeze/Thaw - freezes and thaws with complete clarity.

Contains biodegradable surfactants

Phosphate Free

ACCEPTED
with COMMENTS
in EPA Letter Dated:

PRECAUTIONARY STATEMENTS

JUN 19 1985

Hazard to Humans and Domestic Animals

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

DANGER

5741-19

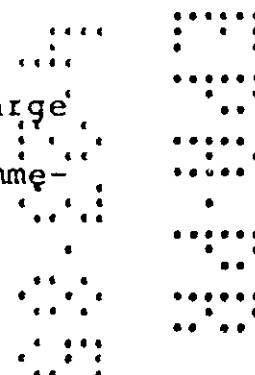
Keep out of reach of children.

Corrosive. Causes severe eye and skin damage. Do not get in eyes or on skin or on clothing. Wear Goggles or face shield and rubber gloves when handling. Harmful if swallowed.

STATEMENT OF PRACTICAL TREATMENT

In case of contact immediately flush eyes or skin with plenty of water for at least 15 minutes - for eyes call a physician.

Remove and wash contaminated clothing before reuse. If swallowed, drink milk, egg white, gelatin solution, or large quantities of water. Avoid alcohol. Call a physician immediately.



NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

JUN 19 1985

STORAGE AND DISPOSAL

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

Do not contaminate water, food or feed by storage or disposal.

Pesticide Disposal: Pesticide wastes are acutely hazardous.

Improper disposal of excess pesticide, spray mixture or rinseate

is a violation of Federal law. If these wastes cannot be

disposed of by use according to label instructions, contact your

state pesticide or environmental control agency, or the hazardous

waste representative at the nearest EPA regional office for guidance.

Container Disposal: Triple rinse (or equivalent). Then offer

for recycling or reconditioning, or puncture and dispose of in a

sanitary landfill, or by incineration, or, if allowed by state

and local authorities, by burning. If burned, stay out of smoke.

Packaging:

The Cleaner is packaged in attractive lithographed 55-gallon drums and 5-gallon pails.

(Rev. 04/09/85)



Spartan Chemical Co., Inc.
110 N. Westwood Ave.
Toledo, Ohio 43607

Guarantee:

Spartan's modern manufacturing and laboratory control insure uniform quality. All products manufactured by Spartan Chemical Co., Inc., are unconditionally guaranteed when used as directed. Any unused portion may be returned for credit.

For Institutional and Industrial Use Only





COMPANY
NUMBER 5.991-

PRODUCT
SERIAL NO. 1

LABEL
APPROVAL
DATE 5-28-85