RCI

10-5-72

5211-

INDUSTRIAL ADHESIVES • SYNTHETIC RESINS • CHEMICAL COLORS • PHENOLIC PLASTICS • INDUSTRIAL CHEMICALS

49-411

42% TECHNICAL GRADE 10:1 PENTACHLOROPHENOL CONCENTRATE

COMPOSITION

ACTIVE INGREDIENTS:	
Pentachlorophenol	36.0%
Other Chlorophenols and Related Compounds	4:2%
INERT INGREDIENTS:	59.8%
TOTAL	100.0%

INSTRUCTIONS FOR USE—RCI 49-411 provides a 10:1 non paintable pentachlorophenol concentrate for [illegible] preservative treating [illegible] of forest products such as lumber, plywood, poles and posts. It protects wood against fungi [illegible] rain [illegible] carpenter ants, termites and powder post beetles. See Technical Bulletin SW [illegible]3.

WEAR PROTECTIVE CLOTHING AND RUBBER GLOVES WHEN HANDLING THE FRESHLY TREATED LUMBER.

THE FLASH POINT OF THIS PRODUCT IS 156 F. PENSKY-MARTENS CLOSED CUP. KEEP CONTENTS AND FRESHLY-TREATED MATERIAL AWAY FROM FLAME.

WARNING! KEEP OUT OF REACH OF CHILDREN

ABSORBED THROUGH SKIN—CAUSES SKIN IRRITATION. Do not get in eyes or on skin or in clothing. Do not breathe vapor or mist. [illegible] harmful and can be fatal if swallowed, inhaled or absorbed through skin. In case of contact immediately flush with water for at least 15 minutes. In case of contact with skin, wash immediately with soap and water. Get medical attention. Wash thoroughly after handling.

ANTIDOTE

INTERNAL: Call a physician or Poison Control Center immediately. Do not induce vomiting, giving tap water or milk. Toxic substances should be removed by induced vomiting or by washing out stomach.

EXTERNAL: Eyes—Flush with copious quantities of tap water until physician arrives.

Skin—Wash with soap and [illegible] water.

VAPORS WILL CAUSE INJURY IF ADEQUATE VENTILATION IS NOT INSURED. Do not use this product in [illegible] or other areas where the vapors may concentrate.

THIS PRODUCT IS TOXIC TO FISH AND WILDLIFE. Avoid [illegible] Do not contaminate water by cleaning of equipment or disposal of wastes.

DO NOT REUSE EMPTY CONTAINER. Empty drums should be returned to drum reconditioner or authorized drum disposal [illegible] safe place.

NO WARRANTY Seller, Manufacturer, Distributor, or Dealer makes no warranty express or implied, including the implied warranty of merchantability, regarding this product except that it conforms to its specification as set forth on the ingredient statement herein. Buyer or user assumes all risk of possession, handling, use of this material when such use is not in accordance with label instructions.

[illegible] 24

Net Contents: 55 gallons [illegible] Metric [illegible]

"World's Largest Producer of Synthetic Resins"

RCI Chemicals

PACIFIC NORTHWEST DIVISION

ACCEPTED

10-5-72

5211-24

Bulletin No.
SW-H-13
(Rev. 6/22/72)

49-411

42% TECHNICAL GRADE 10:1 PENTACHLOROPHENOL CONCENTRATE

RCI 49-411 provides a 10:1 non-paintable pentachlorophenol concentrate for use as a wood preservative for the treatment of forest products such as lumber, plywood, poles and posts. It protects wood against fungus, staining microorganisms, molds, carpenter ants, termites and powder post beetles.

WEAR PROTECTIVE CLOTHING AND RUBBER GLOVES WHEN HANDLING THE FRESHLY TREATED LUMBER.

CAUTION-COMBUSTIBLE MIXTURE: Contains organic solvents. Keep contents and freshly treated material away from flame. The flash point of this product is 156°F Pensky-Martens closed cup.

MIXING DIRECTIONS

Preparation of Ready-To-Use solution

To prepare a ready-to-use paintable solution, dilute one volume of RCI 49-411 with 10 parts by volume of a petroleum solvent, such as diesel oil fuel oil crankcase oil. The solution should be stirred until the concentrate and diluent are thoroughly blended. The ready-to-use solution prepared by diluting one part RCI 49-411 with 10 parts by volume of petroleum solvent is satisfactory for most uses other than specification wood preservation. If a dilution ratio of 10:1 by volume is used, the technical pentachlorophenol content of the ready-to-use solution will vary depending upon the specific gravity of the diluent. The technical pentachlorophenol concentration resulting from the use of diluents of various specific gravities is shown in the attached graph. (Fig. 1)

Preparation of Ready-to-Use Solution containing

49-411

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Preparation of Ready-to-Use Solution containing 5% Technical Grade Pentachlorophenol

The precise dilution ratio to use to produce a ready-to-use solution containing 5% technical grade pentachlorophenol depends upon the specific gravity of the diluent used. The dilution ratio to be used depending upon the specific gravity of the diluent is shown in the attached graph. (Fig. 2).

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5211-24 APPLICATIONS

Wood Preservation

For maximum effectiveness, the ready-to-use solution should be applied to gain the greatest penetration into the wood, especially at joints and end grain and all surfaces of the wood must be thoroughly coated. Plywood should be soaked for 30 seconds; structural lumber for 30 minutes. Wood to be in contact with the soil for 24 hours. Dry and well seasoned fence posts should be free of bark and immersed for a period of 48 hours. Lumber to be treated by the brush or spray method should receive 2 or more flowing coats of the product. Use only at 40°F or above temperatures.

WARNING !! KEEP OUT OF REACH OF CHILDREN

Do not get in eyes, on skin or clothing. Harmful or fatal if swallowed, inhaled or absorbed through the skin. In case of contact with eyes, flush with water for at least 15 minutes. In case of contact with the skin, wash immediately with soap and water. GET MEDICAL ATTENTION. Wash thoroughly after handling.

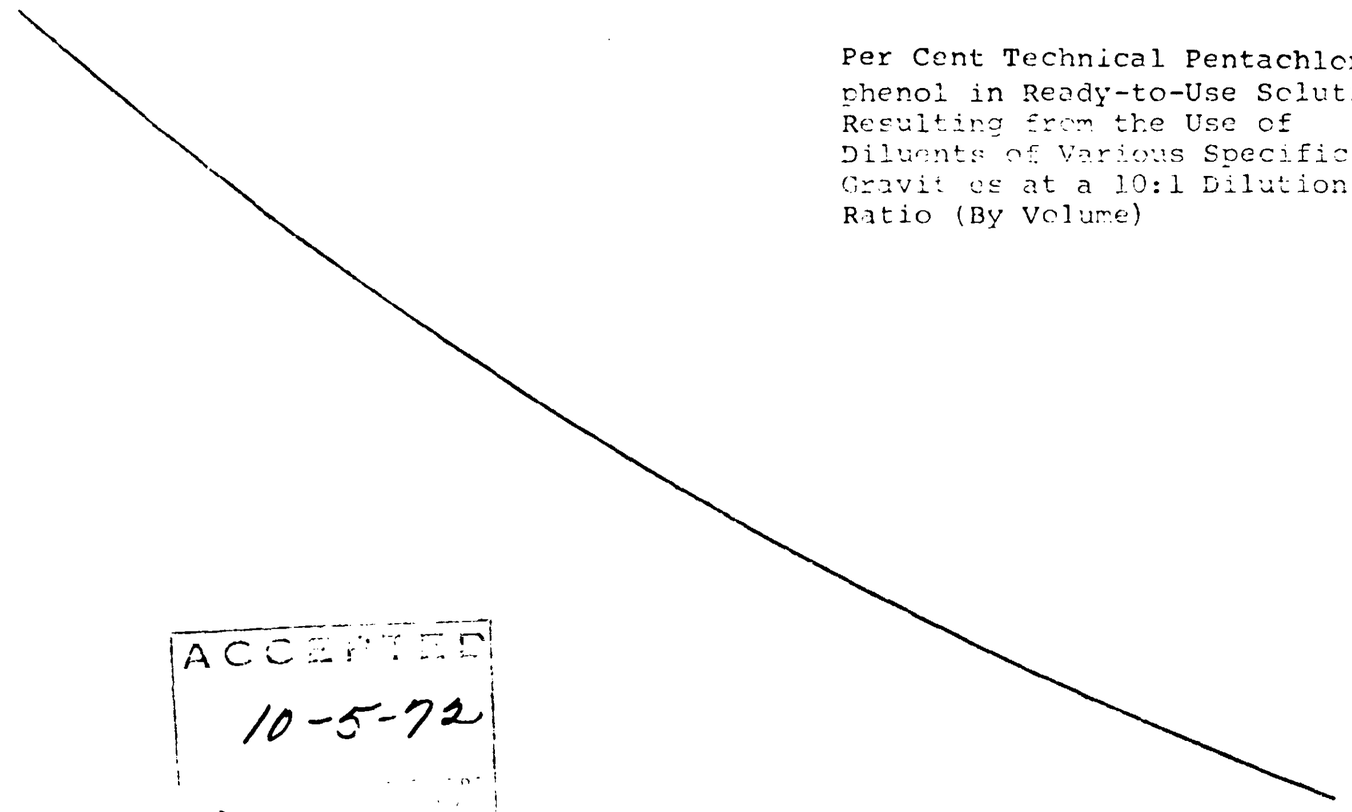
ANTIDOTE

Internal: Call physician or Poison Control Center immediately. Delay absorption by giving tap water or milk. Toxic substance should be removed by inducing vomiting or by washing out stomach.	External: Eyes - Flush with copious quantities of clear water until physician arrives. Skin - Wash with copious amounts of soap and water

PORS WILL CAUSE INJURY IF ADEQUATE VENTILATION IS NOT USED. Do not use this product indoors or in any other confined area where the vapors may concentrate and cause injury to plant or animal life.

THIS PRODUCT IS TOXIC TO FISH AND WILDLIFE. Keep it out of lakes, streams and ponds. Do not contaminate water by cleaning of equipment or disposal of wastes.

DO NOT REUSE EMPTY CONTAINER. Empty drums should be returned to drum reconditioner.



Per Cent Technical Pentachlorophenol in Ready-to-Use Solution Resulting from the Use of Diluents of Various Specific Gravities at a 10:1 Dilution Ratio (By Volume)

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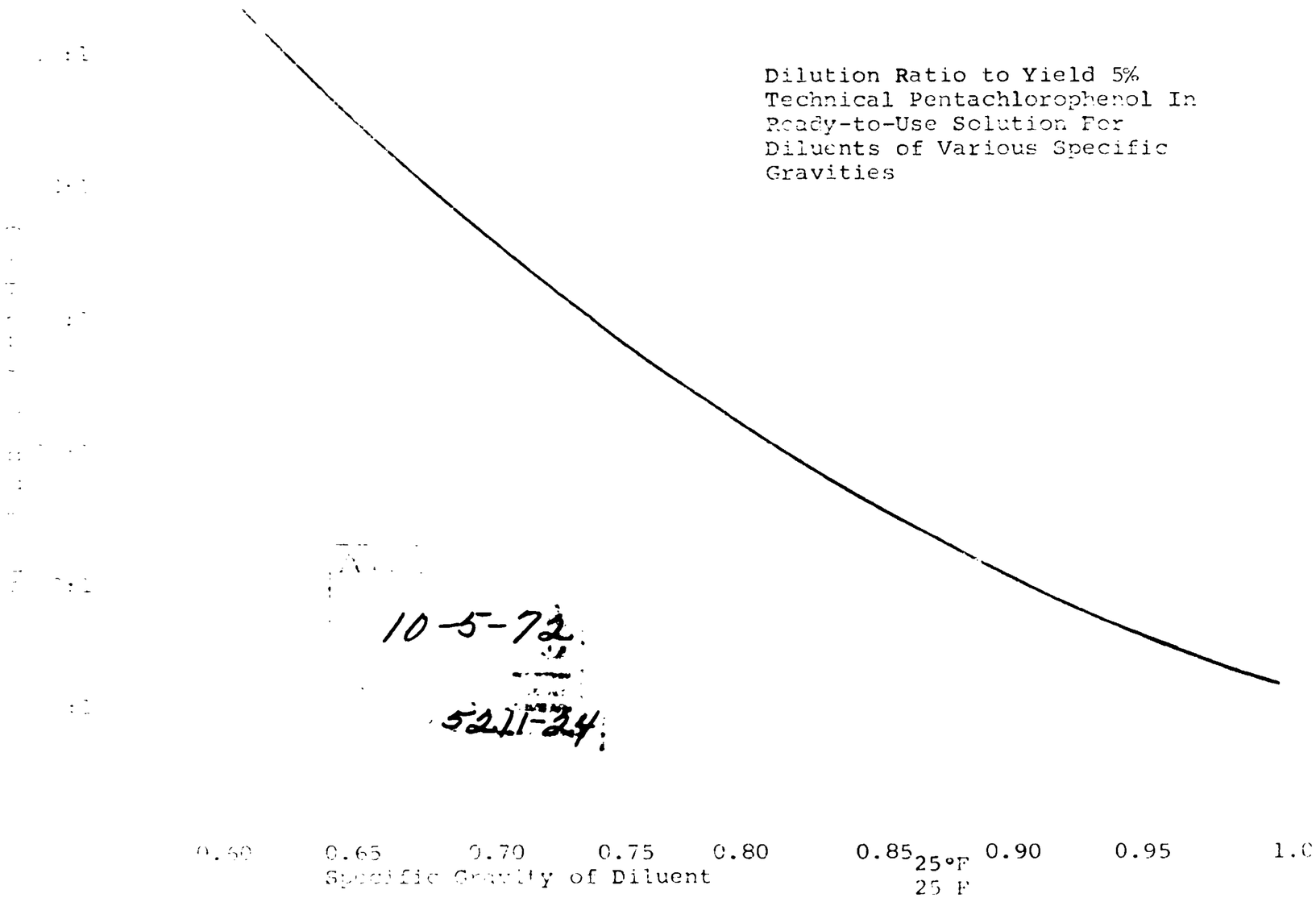
0.65 0.70 0.75 0.80 0.85 0.90 0.95 1.0

Specific Gravity of Diluent 25°F

25°F

RCI 49-411 DATA