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Re-evaluation Decision

RVD2016-09

Copper Pesticides Environmental Assessment of Wood Preservative, Material Preservative and Antifouling Uses

(publié aussi en français)

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Re-evaluation Decision

Cuprous oxide, copper hydroxide, metallic copper and copper present as mixed ethanolamine complexes are registered in Canada as wood preservatives (for example remedial), material preservatives (shingles and non-food contact surfaces) and/or antifouling coatings (such as boat/ship hulls/bottoms and aquaculture equipment). There are numerous copper-containing pesticide products that are currently registered in Canada under the authority of the *Pest Control Products Act*, including technical grade active ingredients, a manufacturing concentrate, commercial and domestic class end-use products.

After a re-evaluation of copper-containing pesticide products, Health Canada's Pest Management Regulatory Agency (PMRA), under the authority of the *Pest Control Products Act*, is granting continued registration of copper-containing pesticide products for sale and use in Canada. An evaluation of available scientific information found that copper-containing pesticide products do not present unacceptable risks to human health or the environment when used according to the requirements of continued registration listed below, which include revised label directions for all products. Appendix I lists the required label amendments, and Appendix II lists currently registered copper-containing pesticide products. No additional data are requested at this time.

Requirements for continued registration

- Additional health-related statements to meet current labelling standards
- Updated environmental hazards statements to meet current labelling standards

The PMRA's pesticide re-evaluation program considers potential risks, as well as value, of pesticide products to ensure they meet modern standards established to protect human health and the environment. Regulatory Directive DIR2001-03, *PMRA Re-evaluation Program*, presents the details of the re-evaluation activities and program structure. Re-evaluation draws on data from registrants, information from other regulatory agencies and any other relevant information available.

This re-evaluation decision¹ was proposed in the consultation document, Proposed Re-evaluation Decision PRVD2016-14, *Copper Pesticides Environmental Assessment of Wood Preservative, Material Preservative and Antifouling Uses*. No comments were received during the consultation process. Therefore, this decision is consistent with the proposed re-evaluation decision stated in PRVD2016-14. Please refer to both the Overview and more detailed Science Evaluation of PRVD2016-14 for the human health, environmental and value considerations underlying this re-evaluation decision.

A reference list for all data used as the basis for the re-evaluation decision is also included in PRVD2016-14.

¹ "Decision statement" as required by subsection 28(5) of the *Pest Control Products Act*.

To comply with this decision, the required label statements must be implemented on all products labels sold by registrants no later than 24 months after the publication date of this document. Registrants of the copper-containing pesticide products will be informed of the specific requirements affecting their product registration(s) and of the regulatory options available to them.

Other Information

Any person may file a notice of objection² regarding this decision on copper-containing pesticide products within 60 days from the date of publication of this Re-evaluation Decision. For more information regarding the basis for objecting (which must be based on scientific grounds), please refer to the Pesticides and Pest Management portion of Health Canada's website (Request a Reconsideration of Decision) or contact the PMRA's Pest Management Information Service.

² As per subsection 35(1) of the *Pest Control Products Act*

Appendix I Label Amendments for Copper Products Containing Cuprous Oxide, Copper Hydroxide, Metallic Copper and Copper Present as Mixed Copper Ethanolamine Complexes

The label amendments presented below do not include all label requirements for individual end-use products, such as first aid statements, disposal statements, precautionary statements and supplementary protective equipment. Information on labels of currently registered products should not be removed unless it contradicts the label statements below.

DOMESTIC END-USE PRODUCT LABELS

The labels of domestic class end-use products registered for use as antifoulants or remedial wood preservatives in Canada must be amended to include the following statements.

A. For products registered for use as antifouling paints/coatings:

I) The following statement must be included in a section entitled **DIRECTIONS FOR USE**:

DO NOT place the painted parts in water after painting until the paint is fully cured (see recommended times on the label). It is recommended that you prevent paint chips or dust caused by removing paint from entering water.

II) The following statement must be included in a section entitled **ENVIRONMENTAL HAZARDS**.

Toxic to aquatic organisms.

B. For products registered for use as remedial wood preservatives:

I) The following statement must be included in a section entitled **DIRECTIONS FOR USE**:

DO NOT apply this product to wood that will be used in water.

II) The following statement must be included in a section entitled **ENVIRONMENTAL HAZARDS**:

Toxic to aquatic organisms.

COMMERCIAL END-USE PRODUCT LABELS

The labels of commercial class end-use products registered for use as antifoulants, wood preservatives or material preservatives in Canada must be amended to include the following statements.

A. For all products:

I) The following statements must be included in a section entitled **DIRECTIONS FOR USE**:

DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

DO NOT apply this product directly to freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands), or estuarine/marine habitats.

DO NOT discharge effluent containing this product or the biocide produced into sewer systems, lakes, streams, ponds, estuaries, oceans or other waters unless the effluent has been detoxified by suitable means.

II) The following statement must be included in a section entitled **ENVIRONMENTAL HAZARDS**:

Toxic to aquatic organisms.

II) The following statement must be included in a section entitled **DISPOSAL**:

Canadian manufacturers should dispose of unwanted active ingredients and containers in accordance with municipal or provincial regulations. For additional details and clean-up of spills, contact the manufacturer or the provincial regulatory agency.

B. For products registered for use as antifouling paints/coatings:

The following statement must be included in a section entitled **DIRECTIONS FOR USE**:

DO NOT place the painted parts in water after painting until the paint is fully cured (see recommended times on the label). It is recommended that you prevent paint chips or dust caused by removing paint from entering water.

C. For products registered for use as heavy-duty wood preservatives:

The following statements must be included in a section entitled **DIRECTIONS FOR USE**:

Store treated lumber on a roofed drip pad until dripping has ceased. Slope lumber on the drip pad to expedite drainage and to ensure that no puddles remain on the surface of the wood. Manage drippage and other related wastes to prevent release in the environment.

Drip aprons must be roofed, paved and drained to prevent dilution and loss of treatment solution.

DO NOT expose treated lumber to rains immediately after treatment.

For further information on storage, handling, and disposal of treated wood, contact the manufacturer of this product or the provincial regulatory agency.

D. For products registered for use as remedial wood preservatives:

The following statement must be included in a section entitled **DIRECTIONS FOR USE**:

DO NOT apply this product to wood that will be used in water.

Appendix II Registered Cuprous Oxide, Copper Hydroxide, Metallic Copper and Copper Present as Mixed Copper Ethanolamine Complexes Products with Antifouling, Wood Preservative and/or Material Preservative Uses, as of 20 October 2015

| Cuprous Oxide | | | | | | |
|---------------------|------------------|------------------------------|--|------------------|---|---------------------|
| Registration Number | Marketing Class | Registrant | Product Name | Formulation Type | Guarantee Cu ₂ O (Elemental) (%) | Product Type |
| 21241 | TECHNICAL ACTIVE | AMERICAN CHEMET CORPORATION* | TECHNICAL HIGH PERFORMANCE CHEM COPP | DUST OR POWDER | 88 | Not applicable |
| 21242 | TECHNICAL ACTIVE | AMERICAN CHEMET CORPORATION* | TECHNICAL LOLO TINT 97 | DUST OR POWDER | 88 | Not applicable |
| 21243 | TECHNICAL ACTIVE | AMERICAN CHEMET CORPORATION* | TECHNICAL PURPLE COPP 97N | DUST OR POWDER | 88 | Not applicable |
| 21244 | TECHNICAL ACTIVE | AMERICAN CHEMET CORPORATION* | RED COPP 97N TECHNICAL | DUST OR POWDER | 88 | Not applicable |
| 22088 | TECHNICAL ACTIVE | NORDOX INDUSTRIES A S* | NORDOX CUPROUS OXIDE POWDER | DUST OR POWDER | 97.0 | Not applicable |
| 22327 | TECHNICAL ACTIVE | SCM METAL PRODUCTS, INC.* | SCM METAL PRODUCTS CUPROUS OXIDE | DUST OR POWDER | 88.44 | Not applicable |
| 29178 | TECHNICAL ACTIVE | AMERICAN CHEMET CORPORATION* | RED PREMIUM TECHNICAL | DUST OR POWDER | 88 | Not applicable |
| 21351 | DOMESTIC | INTERNATIONAL PAINT LLC.* | MICRON CSC (VARIOUS COLOURS) | SUSPENSION | 36 (33) | Antifouling Coating |
| 21352 | DOMESTIC | INTERNATIONAL PAINT LLC.* | MICRON CSC (SHARK WHITE) | SUSPENSION | 36 (33) | Antifouling Coating |
| 21354 | DOMESTIC | INTERNATIONAL PAINT LLC.* | BOTTOMKOTE XXX (VARIOUS COLOURS) | SUSPENSION | 28.15 (25) | Antifouling Coating |
| 21355 | DOMESTIC | INTERNATIONAL PAINT LLC.* | BOTTOMKOTE (VARIOUS COLOURS) | SUSPENSION | 44.14 (39.2) | Antifouling Coating |
| 22022 | DOMESTIC | INTERNATIONAL PAINT LLC.* | VC-OFFSHORE (BLUE, RED, BLACK) | SUSPENSION | 41.66 (37.15) | Antifouling Coating |
| 22718 | DOMESTIC | INTERNATIONAL PAINT LLC.* | C-SHIELD (RED) | SOLUTION | 10.13 (9) | Antifouling Coating |
| 22727 | DOMESTIC | INTERNATIONAL PAINT LLC.* | C-SWIFT (BLUE, RED, BLACK) | SUSPENSION | 38% | Antifouling Coating |
| 22728 | DOMESTIC | INTERNATIONAL PAINT LLC.* | C-UNION JACK (RED) | SUSPENSION | (17.87) | Antifouling Coating |
| 22820 | DOMESTIC | INTERNATIONAL PAINT LLC.* | UNION JACK ANTIFOULING PAINT: RED NAU662 | SUSPENSION | 22% | Antifouling Coating |
| 24389 | DOMESTIC | INTERNATIONAL PAINT LLC.* | AQUARIUS (VARIOUS COLOURS) | SUSPENSION | 49.73 (44.17) | Antifouling Coating |
| 24392 | DOMESTIC | INTERNATIONAL PAINT LLC.* | BOTTOMKOTE HS (VARIOUS COLOURS) | SOLUTION | 42.67 (37.90) | Antifouling Coating |
| 24393 | DOMESTIC | INTERNATIONAL PAINT LLC.* | MICRON CSC EXTRA (VARIOUS COLOURS) | SUSPENSION | 37.04 (32.09) | Antifouling Coating |

| Cuprous Oxide | | | | | | |
|---------------------|-----------------|---------------------------|---|--------------------------------------|---|---------------------|
| Registration Number | Marketing Class | Registrant | Product Name | Formulation Type | Guarantee Cu ₂ O (Elemental) (%) | Product Type |
| 24394 | DOMESTIC | INTERNATIONAL PAINT LLC.* | ULTRA-KOTE EXTRA (RED, BLUE) | SOLUTION | 72.18 (64.10) | Antifouling Coating |
| 24395 | DOMESTIC | INTERNATIONAL PAINT LLC.* | ULTRA-KOTE (RED, GREEN, BLUE, BLACK, BROWN) | SOLUTION | 65.71 (58.36) | Antifouling Coating |
| 26709 | DOMESTIC | INTERNATIONAL PAINT LLC.* | BOTTOMKOTE ACT (VARIOUS COLOURS) | SOLUTION | 41.97 | Antifouling Coating |
| 27574 | DOMESTIC | INTERNATIONAL PAINT LLC.* | VINY-LUX (BLACK, GREEN, BLUE) | SUSPENSION | 33.78 (30) | Antifouling Coating |
| 27575 | DOMESTIC | INTERNATIONAL PAINT LLC.* | VINY-LUX (RED) | SUSPENSION | 42.79 (38) | Antifouling Coating |
| 21378 | COMMERCIAL | INTERNATIONAL PAINT LLC.* | INTERSPEED BLA110 PREMIUM RED (ZA463003) | SUSPENSION | 23.65 (21.0) | Antifouling Coating |
| 21379 | COMMERCIAL | INTERNATIONAL PAINT LLC.* | UNION JACK BCA350 COPPER RED (ZA469005) | SUSPENSION | 17.86 | Antifouling Coating |
| 21397 | COMMERCIAL | INTERNATIONAL PAINT LLC.* | INTERCLEN BRA542 BLACK (ZA467003) & BRA540 RED (ZA463007) | SOLUTION | 38.28 (34) | Antifouling Coating |
| 21652 | COMMERCIAL | INTERNATIONAL PAINT LLC.* | EPOXYCOP | SUSPENSION | 37.3 | Antifouling Coating |
| 21656 | COMMERCIAL | HEMPEL (CANADA) INC.* | HEMPEL'S ANTIFOULING OLYMPIC 7660-5111 RED | SUSPENSION | 45.31 (40.24) | Antifouling Coating |
| 21657 | COMMERCIAL | HEMPEL (CANADA) INC.* | HEMPEL'S ANTIFOULING OLYMPIC 7660-5030 LIGHT RED | SUSPENSION | 45.31 (40.24) | Antifouling Coating |
| 21658 | COMMERCIAL | HEMPEL (CANADA) INC.* | HEMPEL'S ANTIFOULING OLYMPIC 7660-1999 BLACK | SUSPENSION | 45.31 (40.24) | Antifouling Coating |
| 21840 | COMMERCIAL | INTERNATIONAL PAINT LLC.* | WEST MARINE BOTTOMSHIELD ANTIFOULING BOTTOM PAINT (VARIOUS COLOURS) | SOLUTION | 42.56 (37.8) | Antifouling Coating |
| 21841 | COMMERCIAL | INTERNATIONAL PAINT LLC.* | TARR & WONSON COPPER PAINT RED 503-C | SOLUTION | 25.67 (22.8) | Antifouling Coating |
| 21986 | COMMERCIAL | FLEXABAR CORP.* | FLEXGARD XI WATERBASE PRESERVATIVE | EMULSIFIABLE CONCENTRATE OR EMULSION | 24.64 | Antifouling Coating |
| 22717 | COMMERCIAL | INTERNATIONAL PAINT LLC.* | INTERSPEED 640 ANTIFOULING SERIES (OCEAN GREEN, RED, BLACK, BLUE) | SOLUTION | 42.79 (38) | Antifouling Coating |
| 23511 | COMMERCIAL | SOCIETE LAURENTIDE INC | ATLANTIC ANTIFOULING PAINT COPPER BOTTOM RED | SUSPENSION | 8.78 | Antifouling Coating |
| 23511.01 | COMMERCIAL | SOCIETE LAURENTIDE INC | MATCHLESS SUPER MARINE | SUSPENSION | 8.78 | Antifouling Coating |

| Cuprous Oxide | | | | | | |
|---------------------|-----------------|--|--|--------------------------------------|---|------------------------------|
| Registration Number | Marketing Class | Registrant | Product Name | Formulation Type | Guarantee Cu ₂ O (Elemental) (%) | Product Type |
| 23803 | COMMERCIAL | FLEXABAR CORP.* | FLEXGARD VI WATERBASE PRESERVATIVE | EMULSIFIABLE CONCENTRATE OR EMULSION | 14.26 | Antifouling Coating |
| 24097 | COMMERCIAL | KOP-COAT INC.* | WEST MARINE CPP! PLUS ABLATIVE ANTIFOULING PAINT (BLUE, RED, BLACK, GREEN) | SUSPENSION | 44.0 | Antifouling Coating |
| 24390 | COMMERCIAL | INTERNATIONAL PAINT LLC.* | INTERCLEN 140 BWA 360 ANTIFOULING RED | SOLUTION | 38.2 (33.93) | Antifouling Coating |
| 24391 | COMMERCIAL | INTERNATIONAL PAINT LLC.* | INTER SPEED 6200NA BQA654 ANTIFOULING RED | SOLUTION | 21.73 | Antifouling Coating |
| 24409 | COMMERCIAL | FLEXDEL CORP | AQUAGARD WATERBASE ANTIFOULING BOTTOM BOAT PAINT | SUSPENSION | 23.6 | Antifouling Coating |
| 25788 | COMMERCIAL | JOTUN PAINTS INC. | ANTIFOULING SEAFORCE 200 AV (VARIOUS COLORS) | SUSPENSION | 45.53 | Antifouling Coating |
| 25809 | COMMERCIAL | ARCH WOOD PROTECTION CANADA CORP* | CHEMONITE WOOD PRESERVATIVE | SOLUTION | 5.19 | Heavy Duty Wood Preservative |
| 26589 | COMMERCIAL | PPG ARCHITECTURAL FINISHES INCORPORATED* | AMERCOAT ABC #4 ANTIFOULING PAINT | SUSPENSION | 27.1 | Antifouling Coating |
| 26907 | COMMERCIAL | SASOL WAX GMBH* | NETREX AF MICRO CRYSTALLINE WAX | EMULSIFIABLE CONCENTRATE OR EMULSION | 17 | Antifouling Coating |
| 26991 | COMMERCIAL | PPG ARCHITECTURAL FINISHES INCORPORATED* | AMERCOAT ABC #3 ANTIFOULING PAINT RED | SUSPENSION | 42 | Antifouling Coating |
| 27098 | COMMERCIAL | INTERNATIONAL PAINT LLC.* | INTERCLEN BRA 570 ANTIFOULING SERIES | SUSPENSION | 37.2 (32.9) | Antifouling Coating |
| 27277 | COMMERCIAL | KOP-COAT INC.* | HORIZONS ABLATIVE ANTIFOULING BOTTOM PAINT | SUSPENSION | 44.0 | Antifouling Coating |
| 27573 | COMMERCIAL | INTERNATIONAL PAINT LLC.* | 123 PAINT VINYL ANTIFOULING (ZA469033) | SUSPENSION | 67.6 (60) | Antifouling Coating |
| 28046 | COMMERCIAL | IKO INDUSTRIES LTD* | AR GRANULES (ALGAE-RESISTANT ROOFING GRANULES) | GRANULAR | 4.07 | Material Preservative |
| 31458 | COMMERCIAL | FLEXDEL CORP | AQUAGARD WATERBASE ANTIFOULING RUBBER INFLATABLE BOAT PAINT | SUSPENSION | 23.6 | Antifouling Coating |

| Copper Hydroxide | | | | | | |
|---------------------|---------------------------|------------------------------|--|------------------|---------------------------|----------------------------|
| Registration Number | Marketing Class | Registrant | Product Name | Formulation Type | Guarantee (Elemental) (%) | Product Type |
| 24670 | TECHNICAL ACTIVE | NUFARM AGRICULTURE INC.* | CHAMPION TECHNICAL | SOLID | 57.3 | Not applicable |
| 27503 | TECHNICAL ACTIVE | E.I. DU PONT CANADA COMPANY* | KOCIDE COPPER HYDROXIDE TECHNICAL | SOLID | 61 | Not applicable |
| 30390 | TECHNICAL ACTIVE | ALBAUGH INC.* | COPPER HYDROXIDE MUP | SOLID | 60.6 | Not applicable |
| 31374 | TECHNICAL ACTIVE | NUFARM AGRICULTURE INC.* | CHAMPION WET CAKE TECHNICAL | SOLID | 32.5 | Not applicable |
| 29255 | MANUFACTURING CONCENTRATE | SEPRO CORPORATION* | SPIN OUT 260 MANUFACTURING CONCENTRATE | SUSPENSION | 12.8 | Not applicable |
| 27214 | DOMESTIC | GENICS INC.* | GENICS POSTGUARD | SOLID | 1.71 | Remedial Wood Preservative |
| 25580 | COMMERCIAL | GENICS INC.* | COBRA (TM) ROD | SOLID | 1.8 | Remedial Wood Preservative |
| 27553 | COMMERCIAL | GENICS INC.* | COBRA (TM) CRUSH MDT WOOD PRESERVATIVE | SOLUBLE POWDER | 6.1 | Wood Preservative |
| 31806 | COMMERCIAL | GENICS INC.* | COBRA WRAP GEL | PASTE | 2 | Remedial Wood Preservative |

| Metallic Copper | | | | | | |
|---------------------|------------------|--|-------------------------------------|------------------|-----------------------|-----------------------------------|
| Registration Number | Marketing Class | Registrant | Product Name | Formulation Type | Guarantee (label) (%) | Product Type |
| 27903 | TECHNICAL ACTIVE | ECKART GMBH | COPPER FLAKE TECHNICAL | DUST OR POWDER | 99.1 | Not applicable |
| 31171 | TECHNICAL ACTIVE | CANADIAN COPPER & BRASS DEVELOPMENT ASSOCIATION (CCBDA)* | COPPER TGAI | SOLID | 99.98 | Not applicable |
| 31751 | TECHNICAL ACTIVE | ARCH WOOD PROTECTION CANADA CORP* | COPPER TECHNICAL FLAKE | SOLID | 99.9 | Not applicable |
| 21372 | DOMESTIC | INTERNATIONAL PAINT LLC.* | FIBREGLASS BOTTOMKOTE RACING BRONZE | SOLUTION | 28 | Antifouling Coating |
| 22020 | DOMESTIC | INTERNATIONAL PAINT LLC.* | VC 17M | SUSPENSION | 20.25 | Antifouling Coating |
| 31172 | COMMERCIAL | CANADIAN COPPER & BRASS DEVELOPMENT ASSOCIATION (CCBDA)* | ANTIMICROBIAL COPPER ALLOYS GROUP I | SOLID | 96.2 | Sanitizer / Material Preservative |

| Metallic Copper | | | | | | |
|---------------------|-----------------|--|---------------------------------------|------------------|-----------------------|-----------------------------------|
| Registration Number | Marketing Class | Registrant | Product Name | Formulation Type | Guarantee (label) (%) | Product Type |
| 31173 | COMMERCIAL | CANADIAN COPPER & BRASS DEVELOPMENT ASSOCIATION (CCBDA)* | ANTIMICROBIAL COPPER ALLOYS GROUP II | SOLID | 91.3 | Sanitizer / Material Preservative |
| 31174 | COMMERCIAL | CANADIAN COPPER & BRASS DEVELOPMENT ASSOCIATION (CCBDA)* | ANTIMICROBIAL COPPER ALLOYS GROUP III | SOLID | 82.6 | Sanitizer / Material Preservative |
| 31175 | COMMERCIAL | CANADIAN COPPER & BRASS DEVELOPMENT ASSOCIATION (CCBDA)* | ANTIMICROBIAL COPPER ALLOYS GROUP IV | SOLID | 73.0 | Sanitizer / Material Preservative |
| 31176 | COMMERCIAL | CANADIAN COPPER & BRASS DEVELOPMENT ASSOCIATION (CCBDA)* | ANTIMICROBIAL COPPER ALLOYS GROUP V | SOLID | 66.5 | Sanitizer / Material Preservative |
| 31177 | COMMERCIAL | CANADIAN COPPER & BRASS DEVELOPMENT ASSOCIATION (CCBDA)* | ANTIMICROBIAL COPPER ALLOYS GROUP VI | SOLID | 62.0 | Sanitizer / Material Preservative |
| 31963 | COMMERCIAL | GLOBAL BRASS AND COPPER INC. | CUVERRO I | SOLID | 66.5 | Sanitizer / Material Preservative |
| 31967 | COMMERCIAL | GLOBAL BRASS AND COPPER INC. | CUVERRO III | SOLID | 82.6 | Sanitizer / Material Preservative |
| 31974 | COMMERCIAL | GLOBAL BRASS AND COPPER INC. | CUVERRO V | SOLID | 91.3 | Sanitizer / Material Preservative |
| 31976 | COMMERCIAL | GLOBAL BRASS AND COPPER INC. | CUVERRO VI | SOLID | 62.0 | Sanitizer / Material Preservative |

| Copper present as mixed copper ethanolamine complexes | | | | | | |
|---|------------------|----------------------------|--|------------------|---------------|------------------------------|
| Registration Number | Marketing Class | Registrant | Product Name | Formulation Type | Guarantee (%) | Product Type |
| 27129 | TECHNICAL ACTIVE | VIANCE LLC* | ACQ C2 TECHNICAL | SOLUTION | 9 | Not applicable |
| 30771 | TECHNICAL ACTIVE | TIMBER SPECIALTIES CO* | NW 100-Technical | SOLUTION | 9 | Not applicable |
| 22083 | COMMERCIAL | IBC MANUFACTURING COMPANY* | CURAP 20 WOOD PRESERVATIVE PASTE | PASTE | 2 | Remedial Wood Preservative |
| 27026 | COMMERCIAL | IBC MANUFACTURING COMPANY* | CURAP 20 PAK WOOD PRESERVATIVE WRAP | PASTE | 1.60 | Remedial Wood Preservative |
| 27130 | COMMERCIAL | VIANCE LLC* | ACQ 2102 WOOD PRESERVATIVE CONCENTRATE | SOLUTION | 7.4 | Heavy Duty Wood Preservative |

| Copper present as mixed copper ethanolamine complexes | | | | | | |
|---|-----------------|--------------------------------------|--|--------------------------|---------------|------------------------------|
| Registration Number | Marketing Class | Registrant | Product Name | Formulation Type | Guarantee (%) | Product Type |
| 27131 | COMMERCIAL | TIMBER SPECIALTIES CO* | NW 100 WOOD PRESERVATIVE CONCENTRATE | SOLUTION | 7.4 | Heavy Duty Wood Preservative |
| 27132 | COMMERCIAL | ARCH WOOD PROTECTION CANADA CORP* | WOLMAN NB | EMULSIFIABLE CONCENTRATE | 9.25 | Heavy Duty Wood Preservative |
| 27621 | COMMERCIAL | COPPER CARE WOOD PRESERVATIVES INC.* | CU-BOR REMEDIAL WOOD PRESERVATIVE | PASTE | 2 | Remedial Wood Preservative |
| 28634 | COMMERCIAL | TIMBER SPECIALTIES CO* | NW 100-C | SOLUTION | 9 | Heavy Duty Wood Preservative |
| 28635 | COMMERCIAL | VIANCE LLC* | ACQ-C2 EU | SOLUTION | 9 | Heavy Duty Wood Preservative |
| 31020 | COMMERCIAL | VIANCE LLC* | ACQ 1900 WOOD PRESERVATIVE CONCENTRATE | SOLUTION | 7.4 | Heavy Duty Wood Preservative |
| 31160 | COMMERCIAL | VIANCE LLC* | VIANCE CA-B | EMULSIFIABLE CONCENTRATE | 9.25 | Heavy Duty Wood Preservative |