

2021-2646
2021-07-30

F2 Concentrate

T2154 liquid microbiocide

Emulsifiable Concentrate
FOR INDUSTRIAL USE ONLY

Contains: disodium octaborate tetrahydrate
didecyldimethyl ammonium chloride

REGISTRATION NO. 21939 PEST CONTROL PRODUCT ACT

KEEP OUT OF REACH OF CHILDREN



POISON

DANGER



CORROSIVE TO SKIN AND EYES

Anti-sapstain wood preservative for use on whole logs, timber, lumber, and millwork.

ACTIVE INGREDIENT:

disodium octaborate tetrahydrate	16.8%
didecyldimethyl ammonium chloride	11.41%

Net Contents: 1040 liters

READ LABEL BEFORE USING. NOTE): FOR FURTHER INFORMATION ON THE STORAGE, HANDLING, USE AND DISPOSAL OF F2 CONCENTRATE T2154 LIQUID MICROBIOCIDE, CONTACT ARCH WOOD PROTECTION FOR CODE OF GOOD PRACTICE IN THE USE OF F2 CONCENTRATE T2154 LIQUID MICROBIOCIDE

PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN

POST A COPY OF THIS LABEL IN THE WORK PLACE. CONCENTRATE IS FATAL IF INHALED AND MAY BE HARMFUL IF SWALLOWED OR ABSORBED THROUGH THE SKIN. CORROSIVE, CAUSES IRREVERSIBLE EYE DAMAGE AND SEVERE SKIN BURNS.

Do not get concentrate in eyes, on skin, or on clothing. Do not breathe concentrate spray mists. When handling the concentrate or during mixing and loading, clean-up, maintenance and repair activities, wear chemical resistant coveralls over a long-sleeved shirt and long pants, chemical resistant gloves, goggles, or face shield, socks and chemical resistant footwear. Use a NIOSH-respirator if the area is not well ventilated or if airborne exposure levels are above the occupational exposure limit(s), as determined by air sampling. Use a NIOSH- respirator during clean- up, maintenance and repair activities when working in/on application equipment or if airborne material (e.g. dust, mist/spray) may be generated when working in the treatment area. When piling freshly treated lumber, handling treated lumber that has not fully dried, or if there is a potential for getting wet by the treating solution during other activities in the sawmill, wear chemical resistant coveralls or a chemical resistant apron over long-sleeved shirts and long pants, chemical resistant gloves, socks, and chemical resistant footwear. Do not wear contact lenses. When working in the dip or spray area, wear chemical resistant gloves, socks and boots. Wear goggles or face shield if there is a possibility of splashing. Once dry, the treated wood can be handled with cotton or leather gloves. Wash hands and face before eating, drinking, smoking, and using the toilet. Change clothing daily. Wash contaminated clothing separately from household laundry. Not for use or storage in or around the home. Clean contaminated equipment thoroughly prior to making welding repairs.

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ARCH WOOD PROTECTION CANADA CORP.
POBox 60086
Oakville, ONTARIO L6L 6R4, 905-826-9648
In case of emergency, call 1-800-424-9300 [CCN864796]

FIRST AID:

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment.

IF SWALLOWED: Call a poison control centre or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person. Take container, label or the Pest Control Product Registration Number with you when seeking medical attention.

TOXICOLOGICAL INFORMATION: Probable mucosal damage may contraindicate the use of gastric lavage. This product is extremely toxic via the inhalation route. This product contains petroleum distillates. Vomiting may cause aspiration pneumonia. Treat symptomatically.

ENVIRONMENTAL HAZARD:

This product is toxic to fish, aquatic organisms and wildlife. It is not to be used in circumstances that would cause or allow it to enter lakes, streams, ponds, estuaries, oceans or other waters in contravention of federal or provincial regulatory requirements. Do not discharge effluent containing this product into sewer systems without previously notifying the sewage treatment plant authority. The requirements of applicable laws should be determined before using this product. Avoid contamination of aquatic systems during application. Do not contaminate these systems through direct application, disposal of waste, or cleaning of equipment. This product is toxic to domestic animals.

DIRECTIONS FOR USE:

Use Restrictions:

1. Treated wood is not to be used for construction of food handling containers, food storage facilities, or food growing buildings (e.g. mushroom houses).
2. Not for use in drive through dip tanks.

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

This product is **TOXIC** to aquatic organisms. It is not to be used in circumstances that would cause or allow it to enter lakes, streams, ponds, estuaries, oceans or other waters in contravention of federal or provincial regulatory requirements. The requirements of applicable laws should be determined before using the product.

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

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.

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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.

Sapstain Control:

For sapstain control, this product can only be applied by spraybox application technology (ie. Linear, transverse or carwash sprayboxes) or diptank application technology. Apply F2 CONCENTRATE T2154 LIQUID MICROBIOCIDE to freshly cut wood. A delay of 24 hours or more permits the start of stain, mold, and decay.

Freshly sprayed or dipped wood should be protected from rainfalls. Dip tanks and dip aprons must be roofed, paved and drained to prevent dilution and loss of the anti-sapstain solution. Dip tanks and spray equipment must be properly maintained. Spray boxes must be equipped with mechanical means of preventing the escape of droplets or entrained aerosol. Mix well before using. Keep from freezing and elevated temperatures (i.e. above 40 degrees C).

Mixing Instructions:

Mix one litre of F2 CONCENTRATE T2154 LIQUID MICROBIOCIDE per two to four litres of water.. The operational target deposit level of didecyldimethyl ammonium chloride on the surface of treated lumber is 100 µg/cm² on freshly cut lumber. The second level of protection provided by F2 CONCENTRATE T2154 LIQUID MICROBIOCIDE is borax, which is a proven fungicide. The borax in the F2 CONCENTRATE T2154 LIQUID MICROBIOCIDE expressed in BAE (Boric Acid Equivalent) is 19% by weight. This should be verified periodically using available analytical techniques. Contact Arch Wood Protection for further information. Use part of the dilution water to rinse container if applicable to reduce residue in container.

NOTE: With normal dip or spray that yield deposits of approximately 100 µg/cm² control of decay can be achieved for 6 months to 1 year depending on species and environment.

Millwork:

For use on wood joinery products including window and door components or exterior non-structural decorative wood joinery items which are not in ground contact, or in contact with food, feed, or drinking water. Machine, cut, glue, and sand wood as desired prior to treating. Do not apply over previously finished or stained wood. Wood must be clean and dry. Engineered ventilation systems may be required to remove solvent vapors during treatment, mixing, or drying. The operational target deposit level of didecyldimethyl ammonium chloride on the surface of treated lumber is up to 500 µg/cm² on millwork.

Apply this product by the following methods:

- a. Double vacuum system (closed system). Wood should be dry to the touch upon removal from the treating chamber. Use a treating schedule, which achieves adequate distribution of the active ingredients to meet market standards of customer specifications.
- b. Flood coating, roller coating or for coating using automated technology. (15 second minimum treatment)
- c. Spray box automated technology (treating parameters appropriate for the specific unit and substrate).

Finishing:

Prior to top coating with paint, varnish, or other materials, the wood must be free of residual solvent, allow four to eight hours under ambient temperature, 20 degrees C or less drying time if accelerated drying methods are used.

STORAGE:

To prevent contamination store this product away from food or feed.

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DISPOSAL:

For recyclable containers:

DO NOT reuse this container for any other purpose. This is a recyclable container, and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

1. Triple- or pressure-rinse the empty container. Dispose of the rinsings in accordance with provincial requirements.
2. Make the empty, rinsed container unsuitable for further use.

If there is no container collection site in your area, dispose of the container in accordance with provincial requirements.

For information on disposal of unused, unwanted product, or in the case of a spill or spill clean-up, contact the manufacturer or the provincial regulatory agency.

For returnable containers:

DO NOT reuse this container for any purpose. For disposal, this empty container may be returned to the point of purchase (distributor/dealer).

For containers that can be refilled for the user by the distributor/dealer:

This container may be returned to the point of purchase (distributor/dealer). It must be refilled by the distributor/dealer with the same product. Do not reuse this container for any other purpose.

NOTICE TO USER:

This pest control product is to be used in accordance with the directions on the label. It is an offense under the Pest Control Product Act to use this product in a way that is inconsistent with the directions on the label.