

US ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF PESTICIDES PROGRAMS  
REGISTRATION DIVISION (TS-767)  
WASHINGTON, DC 20460

EPA REGISTRATION NO.

72-574

DATE OF ISSUANCE

SEP 25 1995

TERM OF ISSUANCE

NAME OF PESTICIDE PRODUCT

Hot Sauce Animal Repellent

NOTICE OF PESTICIDE: ☐ REGISTRATION  
☒ REREGISTRATION  
(Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Miller Chemical & Fertilizer Corp.  
P.O. Box 333  
Hanover, PA 17331.

5481554 675  
22  
5481580 675  
22

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.

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.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

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.

Based on your response to the Reregistration Eligibility Document, EPA has reregistered the product listed above. Enclosed is a copy of your label stamped "Accepted". This action is taken under the authority of section 4(g)(2)(C) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.

The Agency has determined that the Confidential Statement of Formula (CSF), dated January 5, 1995, which was submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable. A copy of the CSF has been placed in our file for this product. All previous versions are obsolete.

The efficacy data submitted for this product, and other data on it which we assembled from a variety of sources, suggest to us that the product is appropriate for use in the sites listed on the proposed revised label to deter damage by the target species identified on the same label. No additional efficacy data are needed.

☐ ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

KAR

DATE SEP 25 1995

Make the revisions specified below before you print the final labeling for this product.

1. The "DIRECTIONS FOR USE" on the proposed revised label are generally acceptable. We note that you have indicated that treatments at much higher (10X, 100X) than typical rates may be needed, as results of recent studies in high deer-pressure situations have indicated. The instruction concerning checking for phytotoxicity when the product is applied at higher-than-typical rates seems to us to be both prudent and appropriate.

Because the need for using concentrations up to 100X the typical dilution has been shown most clearly for deer and elk, we feel that the label should reflect these findings (and not direct use of higher concentrations generally if they are not so necessary for other species). In the third sentence of the second paragraph of "MIXING DIRECTIONS:", insert "especially against deer and elk" between "Hot Sauce applications," and "rates may be increased as follows".

Another change needed before labels are printed is to left justify the subheading "GENERAL INFORMATION" and make it "parallel" in type size to "USE RESTRICTIONS", "MIXING DIRECTIONS", etc., and clearly subordinate to "DIRECTIONS FOR USE".

Submit one copy 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.

**Registrants** may sell or distribute products bearing old labeling for **one year** after the date of this Notice. **Non-registrants** may sell or distribute products bearing old labeling for **three years** after the date of this Notice.

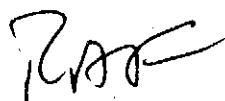
If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

BEST COPY AVAILABLE

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A stamped copy of the labeling is enclosed for your records.



Robert A. Forrest  
Product Manager (14)  
Insecticide-Rodenticide Branch  
Registration Division (H7504C)

Enclosures: 1. Stamped label  
2. A-79 Enclosure

Peacock WP#6:A:CAPSAICI\72.574:305-5407,-6600:9/25/95

**BEST COPY AVAILABLE**

## PRECAUTIONARY STATEMENT

### CAUTION



## ENVIRONMENTAL HAZARDS

This product may be toxic to aquatic organisms. Do not apply to or allow runoff to reach lakes, streams or ponds. Do not contaminate water by cleaning of equipment or disposal of wastes.

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

## GENERAL INFORMATION

**GENERAL INFORMATION**  
Hot Sauce Animal Repellent is a water-miscible, highly concentrated extract derived from hot peppers. Animals attempting to feed upon treated plants or other items are unlikely to be harmed. A warm sensation which the product is believed to cause in the throats of these animals may discourage feeding in situations where the animals have freedom to select other foods. Vapor Gard®, an anti-transpirant film former or Nu-Film-17®, a sticker may prolong the effective life of Hot Sauce Animal Repellent by reducing the effects of weathering factors. Vapor Gard® and Nu-Film-17® are registered trademarks of Miller Chemical & Fertilizer Corporation. Vapor Gard® and Nu-Film-17® contain the same beta phenyl polymer. Vapor Gard® forms a more persistent protective film than Nu-Film-17®. Applications where longer term repellency is needed, such as dormant winter applications on fruit trees, woody ornamentals and hay bales, Vapor Gard® should be used with Hot Sauce. Nu-Film-17® should be used with Hot Sauce where shorter term repellency is needed, such as applications on growing crops and where film is present.

USES ON ORNAMENTALS, FRUIT AND NUT TREES, BUSHES, VINES, AND HAY  
BALES STORED IN THE FIELD

**USE RESTRICTIONS:** To repel deer, elk, rabbits, meadow and pine - trees (*Microtus* spp.) that feed upon ornamental trees and shrubs, dormant fruit and nut trees, fruit bushes and vines. Do not apply this product through any type of irrigation system. LIMIT APPLICATIONS TO FRUIT-BEARING PLANTS TO THE PERIOD BEFORE AND UP TO 30 DAYS OF HARVEST OR TO THE PERIOD AFTER FRUIT HAS BEEN HARVESTED. Applications close to harvest may result in a warm taste sensation. Applications at higher rates should be made at increased intervals, before harvest. When Hot Sauce applications are made after edible parts are present, use Nu-Film-17® sucker at the rate of 1 pt. per 100 gals. of spray mix to help improve the Hot Sauce application. This product will not affect subterranean damage by voles to trees and bushes.

MIXING DIRECTIONS:

**General:** Thoroughly mix 6 to 8 fluid ounces of Hot Sauce Animal Repellent in 1 gallon of water. In a second container, mix 1 to 2 quarts of Vapor Gard® or 1 pt. Nu-Film-17® in 1 gallon of water. Stir contents of each container until they are mixed thoroughly. Add the premixes to an amount of water sufficient to make 100 gallons of mix. It is important to premix Hot Sauce Animal Repellent and Vapor Gard® or Nu-Film-17® separately with water before they are added to the bulk of the water in the spray tank or other vessel. Maintain agitation in the spray tank.

Above rates are used to discourage animal feeding and should be used as needed. It is recommended in alternate applications of this product with other repellents, so that animals do not become accustomed to any one product, as this familiarity will reduce the effectiveness of repellent applications. Increasing product rates will increase the success of repelling animals. To increase the effectiveness of Hot Sauce applications, rates may be increased, as follows: The 10X rate is 5 pints of Hot Sauce and the 100X rate is 500 ozs. (6.25 gals.) of Hot Sauce per 100 gals. of spray mix. Use Vapor Gard® at 1 to 2 lbs. per 100 gals. of spray mix with all Hot Sauce rates. Premixing the product in adequate water is advised. Applications at the higher rates have not exhibited phytotoxicity, however, check the application under your conditions on limited plant material, before making applications on large areas. Use the higher rates when treating field stored hay bales. Discard treated surface hay before feeding the baled hay to livestock.

If lesser amounts of mix are needed, combine ingredients at rates of 2 tablespoons of Hot Sauce and 1/2 pint of Vapor Gard® for each 12 1/2 gallons of water.

**Hydraulic Sprayers:** Thoroughly mix 6 to 8 fluid ounces of Hot Sauce Animal Repellent in 1 gallon of water. In a second container mix 2 quarts of Vapor Gard® in 1 gallon of water. Stir contents of each container until they are mixed thoroughly. Immediately, add (with agitation) the contents of both containers to water in the spray tank to make 100 gallons of spray mix.

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# HOT SAUCE® ANIMAL REPELLENT

**TO REPEL  
DEER - ELK - RABBITS  
MEADOW VOLES - PINE VOLES  
SQUIRRELS**

ACTIVE INGREDIENT:	BY WEIGHT
Capsaicin*	2.5%
INERT INGREDIENTS:	97.5%
	Total 100.0%

\*From oleoresin of capsicum

**KEEP OUT OF REACH OF CHILDREN**

## CAUTION

with COMMENTS  
in EPA Letter Dated

SEP 25 1993

Under the Federal Food and Drug Act  
 Entomology, or the study of insects, is  
 no longer a science, but a profession.  
 registered entomologist, 1914, 1915, 1916, 1917, 1918, 1919, 1920, 1921, 1922, 1923, 1924, 1925, 1926, 1927, 1928, 1929, 1930, 1931, 1932, 1933, 1934, 1935, 1936, 1937, 1938, 1939, 1940, 1941, 1942, 1943, 1944, 1945, 1946, 1947, 1948, 1949, 1950, 1951, 1952, 1953, 1954, 1955, 1956, 1957, 1958, 1959, 1960, 1961, 1962, 1963, 1964, 1965, 1966, 1967, 1968, 1969, 1970, 1971, 1972, 1973, 1974, 1975, 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588,

**NET CONTENTS: 1/2 GALLON LIQUID (64 Ounces)**

Manufactured For  
MILLER CHEMICAL & FERTILIZER CORPORATION  
Hanover, Pennsylvania 17331

**Other Spray Application Equipment:**  
Sauce Animal Repellent in 1 gallon of water.  
Vapor Gard® or 1 pt. of Nu-Film-17® in 1  
er until they are mixed thoroughly. Add the  
covering one acre of treated area. For al  
are calm, so that the application does no  
such as Miller Mist Control may be used to

**APPLICATION DIRECTIONS:** Apply to a

For trees and large bushes, apply 100 to 150 lb per acre. For row crops and small bushes, apply 30 to 50 lb per acre. For aerial application, apply 5 to 10 gallons of spray per acre. Do not feed animals until 14 days after treatment.

### CROP USES

**USE RESTRICTIONS:** To repel deer, rabbit, and other mammals (e.g., wild turkey, quail, pheasant, etc.) that feed upon growing crops, such as alfalfa, clover, corn, cotton, cucumbers, melons, etc. Applications may be made from the time seed is planted until the plants are ready for harvest. **WHEN EDIBLE PORTIONS OF PLANT ARE FORMING, CABBAGE AND CAULIFLOWER MUST BE COVERED WITH A PROTECTIVE FILM OR COVER.** Do not apply this product to the soil. **DO NOT USE TREATED FOLIAGE FOR ANIMAL FEED.**

**COTTON:** To improve control of *Leptodermus*, the rate of 4 to 6 ozs. per acre in spray labels, ozs. per acre, or 2 qts. of emulsifiable vegetable oil in adequate water for good coverage or if overhead irrigation is to be used within 24 hours, is recommended. This oil is compatible with most standard insecticides, repel worms, causing them to move from the surface, the worm will usually find a shelter. Insect control programs, very few worms successful pupation, so a reduced number of cottons have also reduced adult moth eggs by allicin, follow drill control precautions. Equipment.

## USE OF MAPLE SAP COLLECTION EQUIPMENT

**USE RESTRICTIONS:** To reduce damage to maple sap collection equipment fittings.

**MIXING DIRECTIONS:** Mix 8 fluid ounces (35 pounds) of petroleum jelly. To help mix any jelly until it reaches the liquid-gel state. Add the Hot Sauce Animal Repellent stir. Let cool and then use. When mixing, doers. Use long (forearm) chemical resist face protection should include non-vent respirator such as Mine Safety Appliance American Optical Corporation Sure Gas surplus gas masks also provide good protection fumes from the warm mix.

**APPLICATION DIRECTIONS:** Wear 100%

Clean rubber gloves with any available white kerosene.



**STORAGE A**  
Do not contaminate water, food or feed by  
**STORAGE:** Store in tightly closed, original  
dren and domestic animals.

**PESTICIDE DISPOSAL:** Wastes require

**CONTAINER DISPOSAL:** Triple rinse (or diluting, or puncture and dispose of in a by state and local authorities, by burning, or

**LIMITED WARRANTY:** The use of this m

**LIMITED WARRANTY:** The use of this material may involve elements of risk to human beings, animals or property, express or implied, as to the effects of use in accordance with the directions as stated on the label.