

20034-XXXX

## Section 1. Identification

**Product name** : PrismaColor Nupastel Color Sticks

**Material uses** : Not available.

**Manufacturer** : Newell Brands, Inc.  
6655 Peachtree Dunwoody Road  
Sandy Springs, GA 30328  
USA  
800-323-0749

**Emergency telephone number (with hours of operation)** : CHEMTREC (U.S. and Canada) 1-800-424-9300

## Section 2. Hazards identification

**OSHA/HCS status** : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Classification of the substance or mixture** : EYE IRRITATION - Category 2A

Percentage of the mixture consisting of ingredient(s) of unknown toxicity: 47.5%

### GHS label elements

**Hazard pictograms** :



**Signal word** : Warning

**Hazard statements** : H319 - Causes serious eye irritation.

### Precautionary statements

**General** : P103 - Read label before use.  
P101 - If medical advice is needed, have product container or label at hand.

**Prevention** : P280 - Wear eye or face protection.  
P264 - Wash hands thoroughly after handling.

**Response** : P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337 + P313 - If eye irritation persists: Get medical attention.

**Storage** : Not applicable.

**Disposal** : Not applicable.

**Hazards not otherwise classified** : None known.

## Section 3. Composition/information on ingredients

**Substance/mixture** : Mixture

Ingredient name	%	CAS number
titanium dioxide	≥25 - ≤50	13463-67-7
glycerol	≤3	56-81-5

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

**There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.**

**Occupational exposure limits, if available, are listed in Section 8.**

## Section 4. First aid measures

### Description of necessary first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
- Inhalation** : Get medical attention if adverse health effects persist or are severe.
- Skin contact** : Flush contaminated skin with plenty of water. Get medical attention if irritation develops. Wash clothing before reuse.
- Ingestion** : Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if adverse health effects persist or are severe.

### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

- Eye contact** : Causes serious eye irritation.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.

#### Over-exposure signs/symptoms

- Eye contact** : Adverse symptoms may include the following:  
pain or irritation  
watering  
redness
- Inhalation** : No specific data.
- Skin contact** : No specific data.
- Ingestion** : No specific data.

### Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

**See toxicological information (Section 11)**

## Section 5. Fire-fighting measures

### Extinguishing media

- Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.
- Unsuitable extinguishing media** : None known.

**Specific hazards arising from the chemical** : No specific fire or explosion hazard.

- Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide  
metal oxide/oxides

**Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

**Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No special measures are required.
- For emergency responders** : No special measures required.

**Environmental precautions** : No special measures are required.

### Methods and materials for containment and cleaning up

- Small spill** : Dispose of according to all federal, state and local applicable regulations.
- Large spill** : Dispose of according to all federal, state and local applicable regulations.

## Section 7. Handling and storage

### Precautions for safe handling

- Protective measures** : Do not ingest. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.
- Advice on general occupational hygiene** : Not applicable

**Conditions for safe storage, including any incompatibilities** : Not applicable

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits

titanium dioxide

**ACGIH TLV (United States, 3/2016).**

TWA: 10 mg/m<sup>3</sup> 8 hours.

**OSHA PEL 1989 (United States, 3/1989).**

TWA: 10 mg/m<sup>3</sup> 8 hours. Form: Total dust

**OSHA PEL (United States, 6/2016).**

TWA: 15 mg/m<sup>3</sup> 8 hours. Form: Total dust

**OSHA PEL 1989 (United States, 3/1989).**

TWA: 5 mg/m<sup>3</sup> 8 hours. Form: Respirable fraction

glycerol

Date of issue: 06/29/2018 Date of revision: 06/29/2018 Date of previous issue: 06/29/2018 Version: 1.1  
20034-1209, 20034-2008, 20034-2011, 20034-2012, 20034-2013, 20034-2014, 20034-2015, 20034-2016, 20034-2017, 20034-2018, 20034-2019, 20034-2020, 20034-2021, 20034-2022, 20034-2023, 20034-2024, 20034-2025, 20034-2026, 20034-2027, 20034-2028, 20034-2029, 20034-2030, 20034-2031, 20034-2032, 20034-2033, 20034-2034, 20034-2035, 20034-2036, 20034-2037, 20034-2038, 20034-2039, 20034-2040, 20034-2041, 20034-2042, 20034-2043, 20034-2044, 20034-2045, 20034-2046, 20034-2047, 20034-2048, 20034-2049, 20034-2050, 20034-2051, 20034-2052, 20034-2053, 20034-2054, 20034-2055, 20034-2056, 20034-2057, 20034-2058, 20034-2059, 20034-2060, 20034-2061, 20034-2062, 20034-2063, 20034-2064, 20034-2065, 20034-2066, 20034-2067, 20034-2068, 20034-2069, 20034-2070, 20034-2071, 20034-2072, 20034-2073, 20034-2074, 20034-2075, 20034-2076, 20034-2077, 20034-2078, 20034-2079, 20034-2080, 20034-2081, 20034-2082, 20034-2083, 20034-2084, 20034-2085, 20034-2086, 20034-2087, 20034-2088, 20034-2089, 20034-2090, 20034-2091, 20034-2092, 20034-2093, 20034-2094, 20034-2095, 20034-2096, 20034-2097, 20034-2098, 20034-2099, 20034-2100, 20034-2101, 20034-2102, 20034-2103, 20034-2104, 20034-2105, 20034-2106, 20034-2107, 20034-2108, 20034-2109, 20034-2110, 20034-2111, 20034-2112, 20034-2113, 20034-2114, 20034-2115, 20034-2116, 20034-2117, 20034-2118, 20034-2119, 20034-2120, 20034-2121, 20034-2122, 20034-2123, 20034-2124, 20034-2125, 20034-2126, 20034-2127, 20034-2128, 20034-2129, 20034-2130, 20034-2131, 20034-2132, 20034-2133, 20034-2134, 20034-2135, 20034-2136, 20034-2137, 20034-2138, 20034-2139, 20034-2140, 20034-2141, 20034-2142, 20034-2143, 20034-2144, 20034-2145, 20034-2146, 20034-2147, 20034-2148, 20034-2149, 20034-2150, 20034-2151, 20034-2152, 20034-2153, 20034-2154, 20034-2155, 20034-2156, 20034-2157, 20034-2158, 20034-2159, 20034-2160, 20034-2161, 20034-2162, 20034-2163, 20034-2164, 20034-2165, 20034-2166, 20034-2167, 20034-2168, 20034-2169, 20034-2170, 20034-2171, 20034-2172, 20034-2173, 20034-2174, 20034-2175, 20034-2176, 20034-2177, 20034-2178, 20034-2179, 20034-2180, 20034-2181, 20034-2182, 20034-2183, 20034-2184, 20034-2185, 20034-2186, 20034-2187, 20034-2188, 20034-2189, 20034-2190, 20034-2191, 20034-2192, 20034-2193, 20034-2194, 20034-2195, 20034-2196, 20034-2197, 20034-2198, 20034-2199, 20034-2200, 20034-2201, 20034-2202, 20034-2203, 20034-2204, 20034-2205, 20034-2206, 20034-2207, 20034-2208, 20034-2209, 20034-2210, 20034-2211, 20034-2212, 20034-2213, 20034-2214, 20034-2215, 20034-2216, 20034-2217, 20034-2218, 20034-2219, 20034-2220, 20034-2221, 20034-2222, 20034-2223, 20034-2224, 20034-2225, 20034-2226, 20034-2227, 20034-2228, 20034-2229, 20034-2230, 20034-2231, 20034-2232, 20034-2233, 20034-2234, 20034-2235, 20034-2236, 20034-2237, 20034-2238, 20034-2239, 20034-2240, 20034-2241, 20034-2242, 20034-2243, 20034-2244, 20034-2245, 20034-2246, 20034-2247, 20034-2248, 20034-2249, 20034-2250, 20034-2251, 20034-2252, 20034-2253, 20034-2254, 20034-2255, 20034-2256, 20034-2257, 20034-2258, 20034-2259, 20034-2260, 20034-2261, 20034-2262, 20034-2263, 20034-2264, 20034-2265, 20034-2266, 20034-2267, 20034-2268, 20034-2269, 20034-2270, 20034-2271, 20034-2272, 20034-2273, 20034-2274, 20034-2275, 20034-2276, 20034-2277, 20034-2278, 20034-2279, 20034-2280, 20034-2281, 20034-2282, 20034-2283, 20034-2284, 20034-2285, 20034-2286, 20034-2287, 20034-2288, 20034-2289, 20034-2290, 20034-2291, 20034-2292, 20034-2293, 20034-2294, 20034-2295, 20034-2296, 20034-2297, 20034-2298, 20034-2299, 20034-2300, 20034-2301, 20034-2302, 20034-2303, 20034-2304, 20034-2305, 20034-2306, 20034-2307, 20034-2308, 20034-2309, 20034-2310, 20034-2311, 20034-2312, 20034-2313, 20034-2314, 20034-2315, 20034-2316, 20034-2317, 20034-2318, 20034-2319, 20034-2320, 20034-2321, 20034-2322, 20034-2323, 20034-2324, 20034-2325, 20034-2326, 20034-2327, 20034-2328, 20034-2329, 20034-2330, 20034-2331, 20034-2332, 20034-2333, 20034-2334, 20034-2335, 20034-2336, 20034-2337, 20034-2338, 20034-2339, 20034-2340, 20034-2341, 20034-2342, 20034-2343, 20034-2344, 20034-2345, 20034-2346, 20034-2347, 20034-2348, 20034-2349, 20034-2350, 20034-2351, 20034-2352, 20034-2353, 20034-2354, 20034-2355, 20034-2356, 20034-2357, 20034-2358, 20034-2359, 20034-2360, 20034-2361, 20034-2362, 20034-2363, 20034-2364, 20034-2365, 20034-2366, 20034-2367, 20034-2368, 20034-2369, 20034-2370, 20034-2371, 20034-2372, 20034-2373, 20034-2374, 20034-2375, 20034-2376, 20034-2377, 20034-2378, 20034-2379, 20034-2380, 20034-2381, 20034-2382, 20034-2383, 20034-2384, 20034-2385, 20034-2386, 20034-2387, 20034-2388, 20034-2389, 20034-2390, 20034-2391, 20034-2392, 20034-2393, 20034-2394, 20034-2395, 20034-2396, 20034-2397, 20034-2398, 20034-2399, 20034-2400, 20034-2401, 20034-2402, 20034-2403, 20034-2404, 20034-2405, 20034-2406, 20034-2407, 20034-2408, 20034-2409, 20034-2410, 20034-2411, 20034-2412, 20034-2413, 20034-2414, 20034-2415, 20034-2416, 20034-2417, 20034-2418, 20034-2419, 20034-2420, 20034-2421, 20034-2422, 20034-2423, 20034-2424, 20034-2425, 20034-2426, 20034-2427, 20034-2428, 20034-2429, 20034-2430, 20034-2431, 20034-2432, 20034-2433, 20034-2434, 20034-2435, 20034-2436, 20034-2437, 20034-2438, 20034-2439, 20034-2440, 20034-2441, 20034-2442, 20034-2443, 20034-2444, 20034-2445, 20034-2446, 20034-2447, 20034-2448, 20034-2449, 20034-2450, 20034-2451, 20034-2452, 20034-2453, 20034-2454, 20034-2455, 20034-2456, 20034-2457, 20034-2458, 20034-2459, 20034-2460, 20034-2461, 20034-2462, 20034-2463, 20034-2464, 20034-2465, 20034-2466, 20034-2467, 20034-2468, 20034-2469, 20034-2470, 20034-2471, 20034-2472, 20034-2473, 20034-2474, 20034-2475, 20034-2476, 20034-2477, 20034-2478, 20034-2479, 20034-2480, 20034-2481, 20034-2482, 20034-2483, 20034-2484, 20034-2485, 20034-2486, 20034-2487, 20034-2488, 20034-2489, 20034-2490, 20034-2491, 20034-2492, 20034-2493, 20034-2494, 20034-2495, 20034-2496, 20034-2497, 20034-2498, 20034-2499, 20034-2500, 20034-2501, 20034-2502, 20034-2503, 20034-2504, 20034-2505, 20034-2506, 20034-2507, 20034-2508, 20034-2509, 20034-2510, 20034-2511, 20034-2512, 20034-2513, 20034-2514, 20034-2515, 20034-2516, 20034-2517, 20034-2518, 20034-2519, 20034-2520, 20034-2521, 20034-2522, 20034-2523, 20034-2524, 20034-2525, 20034-2526, 20034-2527, 20034-2528, 20034-2529, 20034-2530, 20034-2531, 20034-2532, 20034-2533, 20034-2534, 20034-2535, 20034-2536, 20034-2537, 20034-2538, 20034-2539, 20034-2540, 20034-2541, 20034-2542, 20034-2543, 20034-2544, 20034-2545, 20034-2546, 20034-2547, 20034-2548, 20034-2549, 20034-2550, 20034-2551, 20034-2552, 20034-2553, 20034-2554, 20034-2555, 20034-2556, 20034-2557, 20034-2558, 20034-2559, 20034-2560, 20034-2561, 20034-2562, 20034-2563, 20034-2564, 20034-2565, 20034-2566, 20034-2567, 20034-2568, 20034-2569, 20034-2570, 20034-2571, 20034-2572, 20034-2573, 20034-2574, 20034-2575, 20034-2576, 20034-2577, 20034-2578, 20034-2579, 20034-2580, 20034-2581, 20034-2582, 20034-2583, 20034-2584, 20034-2585, 20034-2586, 20034-2587, 20034-2588, 20034-2589, 20034-2590, 20034-2591, 20034-2592, 20034-2593, 20034-2594, 20034-2595, 20034-2596, 20034-2597, 20034-2598, 20034-2599, 20034-2600, 20034-2601, 20034-2602, 20034-2603, 20034-2604, 20034-2605, 20034-2606, 20034-2607, 20034-2608, 20034-2609, 20034-2610, 20034-2611, 20034-2612, 20034-2613, 20034-2614, 20034-2615, 20034-2616, 20034-2617, 20034-2618, 20034-2619, 20034-2620, 20034-2621, 20034-2622, 20034-2623, 20034-2624, 20034-2625, 20034-2626, 20034-2627, 20034-2628, 20034-2629, 20034-2630, 20034-2631, 20034-2632, 20034-2633, 20034-2634, 20034-2635, 20034-2636, 20034-2637, 20034-2638, 20034-2639, 20034-2640, 20034-2641, 20034-2642, 20034-2643, 20034-2644, 20034-2645, 20034-2646, 20034-2647, 20034-2648, 20034-2649, 20034-2650, 20034-2651, 20034-2652, 20034-2653, 20034-2654, 20034-2655, 20034-2656, 20034-2657, 20034-2658, 20034-2659, 20034-2660, 20034-2661, 20034-2662, 20034-2663, 20034-2664, 20034-2665, 20034-2666, 20034-2667, 20034-2668, 20034-2669, 20034-2670, 20034-2671, 20034-2672, 20034-2673, 20034-2674, 20034-2675, 20034-2676, 20034-2677, 20034-2678, 20034-2679, 20034-2680, 20034-2681, 20034-2682, 20034-2683, 20034-2684, 20034-2685, 20034-2686, 20034-2687, 20034-2688, 20034-2689, 20034-2690, 20034-2691, 20034-2692, 20034-2693, 20034-2694, 20034-2695, 20034-2696, 20034-2697, 20034-2698, 20034-2699, 20034-2700, 20034-2701, 20034-2702, 20034-2703, 20034-2704, 20034-2705, 20034-2706, 20034-2707, 20034-2708, 20034-2709, 20034-2710, 20034-2711, 20034-2712, 20034-2713, 20034-2714, 20034-2715, 20034-2716, 20034-2717, 20034-2718, 20034-2719, 20034-2720, 20034-2721, 20034-2722, 20034-2723, 20034-2724, 20034-2725, 20034-2726, 20034-2727, 20034-2728, 20034-2729, 20034-2730, 20034-2731, 20034-2732, 20034-2733, 20034-2734, 20034-2735, 20034-2736, 20034-2737, 20034-2738, 20034-2739, 20034-2740, 20034-2741, 20034-2742, 20034-2743, 20034-2744, 20034-2745, 20034-2746, 20034-2747, 20034-2748, 20034-2749, 20034-2750, 20034-2751, 20034-2752, 20034-2753, 20034-2754, 20034-2755, 20034-2756, 20034-2757, 20034-2758, 20034-2759, 20034-2760, 20034-2761, 20034-2762, 20034-2763, 20034-2764, 20034-2765, 20034-2766, 20034-2767, 20034-2768, 20034-2769, 20034-2770, 20034-2771, 20034-2772, 20034-2773, 20034-2774, 20034-2775, 20034-2776, 20034-2777, 20034-2778, 20034-2779, 20034-2780, 20034-2781, 20034-2782, 20034-2783, 20034-2784, 20034-2785, 20034-2786, 20034-2787, 20034-2788, 20034-2789, 20034-2790, 20034-2791, 20034-2792, 20034-2793, 20034-2794, 20034-2795, 20034-2796, 20034-2797, 20034-2798, 20034-2799, 20034-2800, 20034-2801, 20034-2802, 20034-2803, 20034-2804, 20034-2805, 20034-2806, 20034-2807, 20034-2808, 20034-2809, 20034-2810, 20034-2811, 20034-2812, 20034-2813, 20034-2814, 20034-2815, 20034-2816, 20034-2817, 20034-2818, 20034-2819, 20034-2820, 20034-2821, 20034-2822, 20034-2823, 20034-2824, 20034-2825, 20034-2826, 20034-2827, 20034-2828, 20034-2829, 20034-2830, 20034-2831, 20034-2832, 20034-2833, 20034-2834, 20034-2835, 20034-2836, 20034-2837, 20034-2838, 20034-2839, 20034-2840, 20034-2841, 20034-2842, 20034-2843, 20034-2844, 20034-2845, 20034-2846, 20034-2847, 20034-2848, 20034-2849, 20034-2850, 20034-2851, 20034-2852, 20034-2853, 20034-2854, 20034-2855, 20034-2856, 20034-2857, 20034-2858, 20034-2859, 20034-2860, 20034-2861, 20034-2862, 20034-2863, 20034-2864, 20034-2865, 20034-2866, 20034-2867, 20034-2868, 20034-2869, 20034-2870, 20034-2871, 20034-2872, 20034-2873, 20034-2874, 20034-2875, 20034-2876, 20034-2877, 20034-2878, 20034-2879, 20034-2880, 20034-2881, 20034-2882, 20034-2883, 20034-2884, 20034-2885, 20034-2886, 20034-2887, 20034-2888, 20034-2889, 20034-2890, 20034-2891, 20034-2892, 20034-2893, 20034-289

## Section 8. Exposure controls/personal protection

TWA: 10 mg/m<sup>3</sup> 8 hours. Form: Total dust  
**OSHA PEL (United States, 6/2016).**  
 TWA: 5 mg/m<sup>3</sup> 8 hours. Form: Respirable fraction  
 TWA: 15 mg/m<sup>3</sup> 8 hours. Form: Total dust

**Appropriate engineering controls** : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.  
**Environmental exposure controls** : Not applicable

### Individual protection measures

**Hygiene measures** : Not applicable  
**Eye/face protection** : Not applicable  
**Skin protection**  
**Hand protection** : Not applicable  
**Body protection** : Not applicable  
**Other skin protection** : Not applicable  
**Respiratory protection** : Not applicable

## Section 9. Physical and chemical properties

### Appearance

**Physical state** : Solid.  
**Color** : Not available.  
**Odor** : Not available.  
**Odor threshold** : Not available.  
**pH** : Not available.  
**Melting point** : Not available.  
**Boiling point** : Not available.  
**Flash point** : Not available.  
**Burning time** : Not available.  
**Burning rate** : Not available.  
**Evaporation rate** : Not available.  
**Flammability (solid, gas)** : Not available.  
**Lower and upper explosive (flammable) limits** : Not available.  
**Vapor pressure** : Not available.  
**Vapor density** : Not available.  
**Relative density** : Not available.  
**Solubility** : Not available.  
**Solubility in water** : Not available.  
**Partition coefficient: n-octanol/water** : Not available.  
**Auto-ignition temperature** : Not available.  
**Decomposition temperature** : Not available.  
**SADT** : Not available.  
**Viscosity** : Not available.

### Aerosol product

## Section 10. Stability and reactivity

- Reactivity** : No specific test data related to reactivity available for this product or its ingredients.
- Chemical stability** : The product is stable.
- Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.
- Conditions to avoid** : No specific data.
- Incompatible materials** : No specific data.
- Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
glycerol	LD50 Oral	Rat	12600 mg/kg	-

#### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
titanium dioxide	Skin - Mild irritant	Human	-	72 hours 300 Micrograms Intermittent	-
glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 milligrams	-

#### Sensitization

No known significant effects or critical hazards.

#### Mutagenicity

No known significant effects or critical hazards.

#### Carcinogenicity

No known significant effects or critical hazards.

#### Reproductive toxicity

No known significant effects or critical hazards.

#### Teratogenicity

No known significant effects or critical hazards.

#### Specific target organ toxicity (single exposure)

No known significant effects or critical hazards.

#### Specific target organ toxicity (repeated exposure)

No known significant effects or critical hazards.

#### Aspiration hazard

No known significant effects or critical hazards.

- Information on the likely routes of exposure** : Not available.

## Section 11. Toxicological information

### Delayed and immediate effects and also chronic effects from short and long term exposure

#### Short term exposure

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

#### Long term exposure

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

#### Potential chronic health effects

**General** : No known significant effects or critical hazards.

**Carcinogenicity** : No known significant effects or critical hazards.

**Mutagenicity** : No known significant effects or critical hazards.

**Teratogenicity** : No known significant effects or critical hazards.

**Developmental effects** : No known significant effects or critical hazards.

**Fertility effects** : No known significant effects or critical hazards.

### Numerical measures of toxicity

#### Acute toxicity estimates

No known significant effects or critical hazards.

## Section 12. Ecological information

### Toxicity

Product/ingredient name	Result	Species	Exposure
titanium dioxide	Acute LC50 3 mg/l Fresh water	Crustaceans - Ceriodaphnia dubia - Neonate	48 hours
	Acute LC50 6.5 mg/l Fresh water	Daphnia - Daphnia pulex - Neonate	48 hours
	Acute LC50 >1000000 µg/l Marine water	Fish - Fundulus heteroclitus	96 hours

### Persistence and degradability

No known significant effects or critical hazards.

### Bioaccumulative potential

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
glycerol	-1.76	-	low

**Other adverse effects** : No known significant effects or critical hazards.

## Section 13. Disposal considerations

**Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered

### Section 13. Disposal considerations

when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

### Section 14. Transport information

	<b>DOT Classification</b>	<b>TDG Classification</b>	<b>Mexico Classification</b>	<b>IMDG</b>	<b>IATA</b>
<b>UN number</b>	Not regulated.	Not regulated.	Not regulated.	Not regulated.	Not regulated.
<b>UN proper shipping name</b>	-	-	-	-	-
<b>Transport hazard class(es)</b>	-	-	-	-	-
<b>Packing group</b>	-	-	-	-	-
<b>Environmental hazards</b>	No.	No.	No.	No.	No.
<b>Additional information</b>	-	-	-	-	-

**Special precautions for user** : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

### Section 15. Regulatory information

**U.S. Federal regulations** : **United States inventory (TSCA 8b):** Not determined.

**SARA 311/312**

**Classification** : Immediate (acute) health hazard

**Composition/information on ingredients**

<b>Name</b>	<b>%</b>	<b>Fire hazard</b>	<b>Sudden release of pressure</b>	<b>Reactive</b>	<b>Immediate (acute) health hazard</b>	<b>Delayed (chronic) health hazard</b>
titanium dioxide	0.1 - 50	No.	No.	No.	Yes.	No.
glycerol	0.007 - 5	No.	No.	No.	Yes.	No.

**California Prop. 65**

<b>Ingredient name</b>	<b>Cancer</b>	<b>Reproductive</b>	<b>No significant risk level</b>	<b>Maximum acceptable dosage level</b>
Titanium Dioxide	Yes.	No.	No.	

**Canada**

**WHMIS (Canada)** : Class D-2A: Material causing other toxic effects (Very toxic).

**Canadian lists**

**Canadian NPRI** : None of the components are listed.

**CEPA Toxic substances** : None of the components are listed.

Item Numbers: 20034-3091, 20034-3093, 20034-3103, 20034-1209, 20034-2005, 20034-2017, 20034-2327, 20034-2331, 20034-2334, 20034-2335, 20034-2523, 20034-2659, 20034-2808, 20034-2811, 20034-2831, 20034-3069, 20034-3091, 20034-3093, 20034-3141, 20034-3150, 20034-3161, 20034-3181, 20034-3191, 20034-3241, 20034-3251, 20034-3291, 20034-3341, 20034-3350, 20034-3391, 20034-3401, 20034-3511, 20034-3571, 20034-3591, 20034-3609, 20034-3713, 20034-3714, 20034-3721, 20034-3731, 20034-3761, 20034-3771, 20034-4063, 20034-4151, 20034-4281, 20034-4511, 20034-4701, 20034-4793, 20034-4809, 20034-4811, 20034-4833, 20034-4911, 20034-5013, 20034-5081, 20034-5091, 20034-5111, 20034-5191, 20034-5200, 20034-5211, 20034-5221, 20034-5233, 20034-5291, 20034-5391, 20034-5461, 20034-5911, 20034-5913, 20034-5921, 20034-5951, 20034-6009, 20034-6033, 20034-6171, 20034-6421, 20034-6491, 20034-6503, 20034-6591, 20034-7003, 20034-7004, 20034-7031, 20034-7051, 20034-7071, 20034-7081, 20034-7093, 20034-7111, 20034-7121, 20034-7191, 20034-7291, 20034-7391, 20034-7491, 20034-7743, 20034-7791, 20034-7871, 20034-7891, 20034-7901, 20034-7913, 20034-7991, 20034-8000, 20034-8050, 20034-8061, 20034-8081, 20034-8091, 20034-8311, 20034-8361, 20034-8523, 20034-8703, 20034-8911, 20034-9609

## Section 15. Regulatory information

**Canada inventory** : All components are listed or exempted.

## Section 16. Other information

### History

**Date of issue/Date of revision** : 6/29/2018

**Date of previous issue** : 6/28/2018

**Version** : 1.01

**Prepared by** : Product Safety.

**Key to abbreviations** : ATE = Acute Toxicity Estimate  
BCF = Bioconcentration Factor  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
IATA = International Air Transport Association  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
UN = United Nations

▣ Indicates information that has changed from previously issued version.

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations. The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions. It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations. The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.