

# Dudley Chemical Corporation

125 Kenyon Drive  
Lakewood NJ 08701  
(732) 886-3100 • Fax: 732-886-3688

## Biological Stains and Dyes

| Code  | Product                                | CI Number | Nomenclature              | CAS Number |
|-------|----------------------------------------|-----------|---------------------------|------------|
| 00200 | Acid Black 1                           | 20470     | Naphthol blue Black       | 1064-48-8  |
| 00221 | Acid Blue 9 (Brilliant Blue FCF)       | 42090     | Erioglaucine              | 3844-45-9  |
| 00241 | Acid Blue 29                           | 20460     | Mordant Blue 82           | 5850-35-1  |
| 00300 | Acid Blue 45                           | 63010     | Alizarin Saphirol B       | 2861-02-1  |
| 00381 | Acid Green 25                          | 61570     | Alizarian Cyamine Green B | 4403-90-1  |
| 00909 | Acridine Orange                        | 46005     | Basic Orange 14           | 10127-02-3 |
| 00912 | Acridine Orange Base                   | 46005     | Solvent Orange 15         | 494-38-2   |
| 00915 | Acridine Orange HCL                    | 46005     |                           | 65-61-2    |
| 00920 | Acridine Yellow G                      | 46025     |                           | 135-49-9   |
| 00964 | Acriflavine HCl                        |           |                           | 8063-24-9  |
| 00969 | Acriflavine Neutral                    | 46000     |                           | 8048-52-0  |
| 02693 | Alcian Blue 8GX Certified              | 74240     | Ingrain Blue 1            | 33864-99-2 |
| 02704 | Alcian Yellow C.I. 12840               | 12840     | Ingrain Yellow 1          | 61968-76-1 |
| 02782 | Alizarin C.I. 58000                    | 58000     | Mordant Red 11            | 72-48-0    |
| 02851 | Alizarin Red S C.I. 58005              | 58005     | Mordant Red 3             | 130-22-3   |
| 02861 | Alizarin Yellow GG                     | 14025     | Mordant Yellow 1          | 584-42-9   |
| 02872 | Alizarin Yellow R Sodium Salt          | 14095     | Mordant Yellow 3R         | 1718-34-9  |
| 02882 | Alkali Blue 6B                         | 42765     | Acid Blue 119             | 1324-76-1  |
| 02890 | Allura Red                             | 16035     | Food Red 17               | 25956-17-6 |
| 03021 | Amaranth                               | 16185     | Acid Red 27               | 915-67-3   |
| 03112 | Amido Black 10B                        | 20470     | Acid Black 1              | 1064-48-8  |
| 03350 | Aniline Blue Diammonium Salt Certified | 42780     | Acid Blue 93              | 66687-07-8 |
| 04101 | Astra Blue 6GLL                        |           | Basic Blue 140            | 82864-57-1 |
| 04218 | Auramine O Certified                   | 41000     | Basic Yellow 2            | 2465-27-2  |
| 04251 | Azure A Certified                      | 52005     |                           | 531-53-3   |
| 04255 | Azure B(Azure 1)                       | 52010     |                           | 531-55-5   |

|       |                                  |         |                                    |            |
|-------|----------------------------------|---------|------------------------------------|------------|
| 04258 | Azure C                          |         |                                    | 531-57-7   |
| 04263 | Azure II                         |         |                                    | 37247-10-2 |
| 04273 | Azur 11 Eosinate                 |         |                                    | 53092-85-6 |
| 04278 | Azur A Eosinate                  |         |                                    | 62298-43-5 |
| 05401 | Benzopurpurin 4B                 | 23500   | Direct Red 2                       | 992-59-6   |
| 05750 | Biebrich Scarlet                 | 26905   | Acid Red 66                        | 4196-99-0  |
| 08010 | Brilliant Black BN               | 28440   | Black BN                           | 2519-30-4  |
| 08061 | Brilliant Blue G250              | 42655   | Acid Blue 90                       | 6104-58-1  |
| 08065 | Brilliant Blue R250              | 42660   | Acid Blue 83                       | 6104-59-2  |
| 08101 | Brilliant Cresyl Blue Certified  | 51010   |                                    | 81029-05-2 |
| 08118 | Brilliant Yellow                 | 24890   |                                    | 3051-11-4  |
| 08121 | Brilliant Green Certified        | 42040   | Basic Green 1                      | 633-03-4   |
| 09450 | Carmine Certified                | 75470   | Natural Red 4                      | 1390-65-4  |
| 09460 | Carminic Acid 50%                | 75470   | Natural Red 4                      | 1260-17-9  |
| 09464 | Carminic Acid 95%                | 75470   | Natural Red 4                      | 1260-17-9  |
| 09500 | Celestine Blue                   | 51050   | Mordant Blue 14                    | 1562-90-9  |
| 09656 | Chlorazol Black E                | 30235   | Direct Black 38                    | 1937-37-7  |
| 09801 | Chlorophenol Red Free Acid       |         | 3,3-Dichlorophenolsulfonaphthalein | 4430-20-0  |
| 10100 | Chrome Azurol S                  | 43825   | Mordant Blue 29                    | 1667-99-8  |
| 10395 | Chromotrope 2B                   | 16575   | Acid Red 176                       | 548-80-1   |
| 10401 | Chromotrope 2R                   | 16570   | Acid Red 29                        | 4197-07-3  |
| 10405 | Chromotrope FB                   | 14720   | Mordant Blue 79                    | 3567-69-9  |
| 11103 | Congo Red Certified              |         |                                    | 573-58-0   |
| 11550 | Cotton Blue                      | 42780   | Acid Blue 93                       | 28983-56-4 |
| 12166 | Cresyl Violet Acetate Certified  |         | Cresyl Fast Violet                 | 10510-54-0 |
| 12168 | Crocein Orange G                 | 15970   | Acid Orange 12                     | 1934-20-9  |
| 12171 | Crocein Scarlet 7B (Acid Red 71) | 27165   | Acid Red 71                        | 6226-76-2  |
| 12179 | Crystal Scarlet                  | 16250   | Acid Red 44                        | 2766-77-0  |
| 12189 | Crystal Violet Certified         | 42555   | Basic Violet 3                     | 548-62-9   |
| 12201 | Crystal Violet Lactone           |         |                                    | 1552-42-7  |
| 12350 | Curcumin, C.I. 75300             | 75300   | Natural Yellow 3                   | 458-37-7   |
| 13280 | 4,5-Dibromofluorescein           | 45370.1 | Acid Orange II                     | 596-03-2   |
| 14154 | Diethyl Safranine                | 50206   | Methylene Violet 3RAX              | 4569-86-2  |
| 14156 | N,N-Diethyl Safranine            | 50206   | Methylene Violet 3RAX              | 4569-86-2  |
| 14351 | Direct Blue 71                   | 34140   | Sirius Light Blue BRR              | 4399-55-7  |
| 19246 | Eosin B Spirit Soluble           | 45400   |                                    | 56360-46-4 |

|       |                                     |         |                   |             |
|-------|-------------------------------------|---------|-------------------|-------------|
| 19251 | Eosin B Certified                   | 45400   | Acid Red 91       | 548-24-3    |
| 19256 | Eosin Y Certified                   | 45380   | Acid Red 87       | 17372-87-1  |
| 19259 | Eosin Y Free Acid                   | 45380:2 |                   | 15086-94-9  |
| 20300 | Eriochrome Black T ACS              | 14645   | Mordant Black 11  | 1787-61-7   |
| 20318 | Eriochrome Blue Black B             | 14640   | Mordant Black 3   | 3564-14-5   |
| 20320 | Eriochrome Blue Black R             | 15705   | Mordant Black 17  | 2538-85-4   |
| 20323 | Eriochrome Cyanine R                | 43820   | Mordant Blue 3    | 3564-18-9   |
| 20336 | Erioglaurine Disodium Salt          | 42090   | Acid Blue 9       | 3844-45-9   |
| 20350 | Erythrosin B Spirit Soluble         | 45430:2 | Solvent Red 140   | 15905-32-5  |
| 20356 | Erythrosin B Certified              | 45430   | Acid Red 51       | 16423-68-0  |
| 20455 | Ethyl Eosin Certified               | 45386   | Solvent Red 45    | 6359-05-3   |
| 20602 | Ethyl Violet                        | 42600   | Basic Violet 4    | 2390-59-2   |
| 20700 | Evans Blue C.I. 23860               | 23860   | Direct Blue 53    | 314-13-6    |
| 21020 | Fast Garnet GBC Base                | 11160   | Solvent Yellow 3  | 97-56-3     |
| 21102 | Fast Green F.C.F. Certified         | 42053   | Food green 3      | 2353-45-9   |
| 21140 | Fast Sulphon Black F                | 26990   | Acid Black 32     | 3682-47-1   |
| 21171 | Fat Brown RR                        | 11285   | Solvent Brown 1   | 6416-57-5   |
| 22230 | Field Stain A                       |         |                   |             |
| 22233 | Field Stain B                       |         |                   |             |
| 23509 | Fluorescein Diacetate               | 45330:1 | Solvent Yellow 94 | 596-09-8    |
| 23512 | Fluorescein Free Acid               | 45350:1 | Solvent Yellow 94 | 2321-07-5   |
| 23517 | Fluorescein W/S                     | 45350   | Acid Yellow 73    | 518-47-8    |
| 24494 | Fuchsin Acid Calcium Salt Certified |         | Acid Magenta      | 123334-10-1 |
| 24502 | Fuchsin Acid Certified              | 42685   | Acid Violet 19    | 3244-88-0   |
| 25850 | Gallocyanine                        | 51030   | Mordant Blue 10   | 1562-85-2   |
| 26111 | Gentian Violet USP                  | 42555   | Basic Violet 3    | 548-62-9    |
| 26201 | Giemsa Stain Certified              | 42555   | Basic Violet 3    | 51811-82-6  |
| 26350 | Guinea Green B                      | 42085   | Acid Green 3      | 4680-78-8   |
| 30123 | Hematoxylin C.I. 75290              | 75290   | Natural Black 1   | 517-28-2    |
| 33900 | Indigo Synthetic                    | 73000   | Indigo Blue       | 482-89-3    |
| 34005 | Indigo Carmine Certified            | 73015   | Acid Blue 74      | 860-22-0    |
| 34015 | Indocyanine Green USP               |         | Cardio Green      | 3599-32-4   |
| 40450 | Janus Green B Certified             | 11050   |                   | 2869-83-2   |

|       |                                                      |       |                   |             |
|-------|------------------------------------------------------|-------|-------------------|-------------|
| 40500 | Jenner Stain Certified                               |       |                   | 62851-42-7  |
| 44100 | Lacmoid                                              |       |                   | 42249-61-6  |
| 46191 | Leishman Stain                                       |       |                   | 12627-53-1  |
| 46200 | Leuco Crystal Violet                                 |       |                   | 603-48-5    |
| 46215 | Light Green<br>S.F.Certified                         |       |                   | 5141-20-8   |
| 46217 | Lissamine Green B                                    | 44090 | Acid Green 50     | 3087-16-9   |
| 46357 | Luxol Fast Blue MBSN                                 | 74180 | Solvent Blue 38   | 1328-51-4   |
| 49158 | Malachite Green HCl                                  |       | Basic Green 4     | 123333-61-9 |
| 49161 | Malachite Green<br>Oxalate                           | 42000 | Basic Green 4     | 2437-29-8   |
| 49650 | Martius Yellow                                       | 10315 | Acid Yellow 24    | 605-69-6    |
| 49751 | May-Grunwald Stain                                   |       |                   |             |
| 50019 | Meldola's Blue                                       | 51175 | Basic Blue 6      | 7057-57-0   |
| 50206 | Metanil Yellow                                       | 13065 | Acid Yellow 36    | 587-98-4    |
| 50241 | Methyl Blue                                          |       |                   | 28983-56-4  |
| 50255 | Methylene Blue<br>Certified                          | 52015 | Basic Blue 9      | 7220-79-3   |
| 50268 | Methylene Blue<br>Anhydrous                          | 52015 | Basic Blue 9      | 61-73-4     |
| 50271 | Methylene Green, zinc<br>chloride double salt        | 52020 | Basic Green 5     | 224967-52-6 |
| 50290 | Methylene Violet 3RAX                                | 50206 | Diethyl Safranine | 4569-86-2   |
| 50317 | Methyl Green<br>C.I.42585                            | 42585 | Basic Green 20    | 14855-76-6  |
| 50320 | Methyl Green<br>Certifiable C.I. 42590               | 42590 | Ethyl Green       | 7114-03-6   |
| 50422 | Methyl Violet 2B<br>Certified                        | 42535 | Basic Violet 1    | 8004-87-3   |
| 53362 | Naphthol Green B ACS                                 | 10020 |                   | 19381-50-1  |
| 54145 | Neutral Red, 90%                                     | 50040 | Basic Red 5       | 553-24-2    |
| 54154 | Neutral Red Certified                                | 50040 | Basic Red 5       | 553-24-2    |
| 54157 | New Coccine                                          | 16255 | Basic Red 18      | 2611-82-7   |
| 54164 | New Methylene Blue N<br>zinc chloride double<br>salt | 52030 | Basic Blue 24     | 6586-05-6   |
| 54167 | New Methylene Blue N<br>Free Acid                    |       | Basic Blue 24     | 1934-16-3   |
| 54188 | Nigrosin/Alcohol<br>Soluble                          | 50415 | Solvent Black 5   | 11099-03-9  |
| 54191 | Nigrosin W/S                                         | 50420 | Acid Black 2      | 8005-03-6   |
| 54218 | Nile Blue Chloride                                   | 51180 |                   | 2381-85-3   |

|       |                                 |         |                            |            |
|-------|---------------------------------|---------|----------------------------|------------|
| 54221 | Nile Blue A Certified           | 51180   | Basic Blue 12              | 3625-57-8  |
| 54227 | Nile Red                        |         | Nile Blue A Oxazone        | 7385-67-3  |
| 54310 | Nitrazine Yellow                | 14890   | Delta Yellow               | 5423-07-4  |
| 55400 | Nuclear Fast Red                | 60760   |                            | 6409-77-4  |
| 57376 | Oil Red O Certified             | 26125   | Solvent Red 27             | 1320-06-5  |
| 57620 | Orange IV                       | 13080   | Acid Orange 5              | 554-73-4   |
| 57644 | Orange G Certified              | 16230   | Acid Orange 10             | 1936-15-8  |
| 58100 | Orcein Synthetic                |         | Natural Red 28             | 1400-62-0  |
| 61185 | Pararosanine Base               | 42500   |                            | 467-62-9   |
| 61188 | Pararosanine Acetate            | 42500   |                            | 6035-94-5  |
| 61192 | Pararosanine HCL Certified      | 42500   | Basic Red 9                | 569-61-9   |
| 61198 | Para Red                        | 12070   | Pigment Red 1              | 6410-10-2  |
| 61208 | Patent Blue A                   | 42080   | Acid Blue 7                | 3486-30-4  |
| 61216 | Patent Blue V                   | 42051   | Acid Blue 3                | 20262-76-4 |
| 62320 | Phenosafranine                  | 50200   |                            | 81-93-6    |
| 62335 | 4-Phenylazophenol               | 11800   | Solvent Yellow 7           | 1689-82-3  |
| 62400 | Phloxine B Certified            | 45410   | Acid Red 92                | 18472-87-2 |
| 62445 | Pinacyanol Chloride             |         | Quinaldine Blue            | 2768-90-3  |
| 63495 | Ponceau 4R                      | 16255   | Acid Red 18                | 2611-82-7  |
| 63502 | Ponceau S Electrophoresis       | 27195   | Acid Red 112               | 6226-79-5  |
| 63550 | Ponceau SX                      | 14700   | Food Red 4                 | 4548-53-2  |
| 63846 | Primuline                       | 49000   | Direct Yellow 59           | 8064-60-6  |
| 64200 | n'Propyl Red                    |         |                            | 2641-01-2  |
| 64701 | Purpurin C.I. 58205             | 58205   |                            | 81-54-9    |
| 64922 | Pyronin B C.I. 45010            | 45010   |                            | 2150-48-3  |
| 64931 | Pyronin Y Certified             | 45005   |                            | 92-32-0    |
| 68100 | Quercetin Dihydrate             | 75670   | Natural Yellow 10          | 6151-25-3  |
| 68298 | Quinoline Yellow Spirit Soluble | 47000   |                            | 8003-22-3  |
| 68301 | Quinoline Yellow W/S C.I. 47005 | 47005   | Acid Yellow 3              | 8004-92-0  |
| 69015 | Reactive Blue 2                 | 61211   | Procion Blue H-B           | 12236-82-7 |
| 69020 | Reactive Blue 4                 | 61205   | Procion Blue MX-R          | 13324-20-4 |
| 69040 | Reactive Red 4                  | 18105   | Procion brilliant Red 3B-A | 17681-50-4 |
| 69101 | Resazurin Sodium Certified      |         |                            | 62758-13-8 |
| 70150 | Rhodamine B C.I. 45170          | 45170   | Basic Violet 10            | 81-88-9    |
| 70153 | Rhodamine B Base                | 45170:1 | Solvent Red 49             | 509-34-2   |

|       |                             |       |                   |            |
|-------|-----------------------------|-------|-------------------|------------|
| 71150 | Rose Bengal Certified       | 45440 | Acid Red 9        | 632-69-9   |
| 72201 | Rosolic Acid                | 43800 | Aurin             | 603-45-2   |
| 73110 | Saffron C.I. 75100          | 75100 | Natural Yellow 6  | 8022-19-3  |
| 73151 | Safranine O Certified       | 50240 | Basic Red 2       | 477-73-6   |
| 74190 | Sirius Red C.I. 35780       | 35780 | Direct Red 80     | 2610-10-8  |
| 75872 | Solvent Red 27              | 26125 |                   | 1320-06-5  |
| 76021 | Stains-All                  |       |                   | 7423-31-6  |
| 76356 | Sudan II                    | 12140 | Solvent Orange 7  | 3118-97-6  |
| 76373 | Sudan III Certified         | 26100 | Solvent Red 23    | 85-86-9    |
| 76394 | Sudan IV Certified          | 26105 | Solvent Red 24    | 85-83-6    |
| 76400 | Sudan Black B Certified     |       |                   | 4197-25-5  |
| 76410 | Sudan Orange G C.I. 11920   | 11920 | Solvent Orange 1  | 2051-85-6  |
| 76422 | Sudan Red 7B                | 26050 | Solvent Red 19    | 6368-72-5  |
| 76503 | Sulforhodamine 101          |       |                   | 60311-02-6 |
| 78005 | Tartrazine C.I. 19140       | 19140 | Acid Yellow 23    | 1934-21-0  |
| 78126 | Thioflavin S                | 49010 | Direct Yellow 7   | 1326-12-1  |
| 78130 | Thioflavin T                | 49005 | Basic Yellow 1    | 2390-54-7  |
| 78151 | Thionin Acetate Certified   | 52000 |                   | 78338-22-4 |
| 78601 | Titan Yellow C.I. 19540     | 19540 | Thiazole Yellow G | 1829-00-1  |
| 79150 | Toluidine Blue O Certified  | 52040 | Basic Blue 17     | 92-31-9    |
| 80027 | Tropaeolin O                | 14270 | Acid Orange 6     | 547-57-9   |
| 80251 | Trypan Blue C.I. 23850      | 23850 | Direct Blue 14    | 72-57-1    |
| 86795 | Victoria Blue B             | 44045 | Basic Blue 26     | 2580-56-5  |
| 86800 | Victoria Blue R             | 44040 | Basic Blue 11     | 2185-86-6  |
| 92100 | Water Blue 1                | 42755 | Acid Blue 22      | 28631-66-5 |
| 92152 | Wrights Stain Certified     |       |                   | 68988-92-1 |
| 92496 | Xylene Cyanol FF C.I. 42135 | 42135 | Acid Blue 147     | 2650-17-1  |
| 93180 | Xylidine Ponceau 2R         | 16150 | Acid Red 26       | 3761-53-3  |

For more information, please email our [Sales Department](#).

**Dudley Chemical Corporation**  
**125 Kenyon Drive, Lakewood, NJ 08701**  
**Tel: 732-886-3100 Fax: 732-886-3688**  
[dudley@dudley-chem.com](mailto:dudley@dudley-chem.com)

[ <http://www.dudley-chem.com> ]