

# Product Data Sheet

**(4N) 99.99% Eriochrome Blue Black R**

**Product Code: NA-OMX-04**

**Formula:** C<sub>20</sub>H<sub>13</sub>N<sub>2</sub>NaO<sub>5</sub>S

**CAS No.:** 2538-85-4

**EC No.:** 219-810-2

**MDL:** MFCD00004069

## Chemical Identifiers

<b>Linear Formula</b>	C <sub>20</sub> H <sub>13</sub> N <sub>2</sub> NaO <sub>5</sub> S
<b>MDL Number</b>	MFCD00004069
<b>EC No.</b>	219-810-2
<b>Beilstein Registry No.</b>	6041435
<b>Pubchem CID</b>	23702480
<b>IUPAC Name</b>	sodium; 4-[(2-hydroxynaphthalen-1-yl)hydrazinylidene]-3-oxonaphthalene-1-sulfonate
<b>SMILES</b>	C1=CC=C2C(=C1)C=CC(=C2NN=C3C4=CC=CC=C4C(=CC3=O)S(=O)(=O)[O-])O.[Na+]
<b>Inchl Identifier</b>	InChI=1S/C20H14N2O5S.Na/c23-16-10-9-12-5-1-2-6-13(12)19(16)21-22-20-15-8-4-3-7-14(15)18(11-17(20)24)28(25,26)27;/h1-11,21,23H,(H,25,26,27);/q;+1/p-1
<b>Inchl Key</b>	YJUGDMOGPJJDG-UHFFFAOYSA-M

**Total Metal Impurities:** 0.01% max.

## Packaging Specifications

Typical bulk packaging includes palletized plastic 5 gallon/25 kg. pails, fiber and steel drums to 1 ton super sacks in full container (FCL) or truck load (T/L) quantities. Research and sample quantities and hygroscopic, oxidizing or other air sensitive materials may be packaged under argon or vacuum. Shipping documentation includes a Certificate of Analysis and Safety Data Sheet (SDS). Solutions are packaged in polypropylene, plastic or glass jars up to palletized 440 gallon liquid totes, and 36,000 lb. tanker trucks.

### Documentation

A Certificate of Analysis and Materials Safety Data Sheet (SDS) in accordance with EN 10204 are supplied with every shipment.  
**AMERICAN ELEMENTS** | 10884 WEYBURN AVE. | LOS ANGELES, CALIFORNIA 90024  
 TEL. 310-208-0551 | FAX 310-208-0351 | [customerservice@americanelements.com](mailto:customerservice@americanelements.com)