Product Data Sheet
Vanadyl Phthalocyanine, dye content >90%
Product Code: VO-PCIN-01-P

Formula: C_{32}H_{16}N_{8}O\text{V}
CAS No.: 13930-88-6
EC No.: 237-700-2
MDL: MFCD00041966

Chemical Identifiers

<table>
<thead>
<tr>
<th>Linear Formula</th>
<th>MDL Number</th>
</tr>
</thead>
<tbody>
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<td>C_{32}H_{16}N_{8}O\text{V}</td>
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SMILES
C1=CC=C2C(=C1)C3=NC4=NC(=NC5=C6C=CC=CC6=C(\[N-]\)N=C7C8=CC=CC=C8C(=N7)N=C2\[N-\]3)C9=CC=CC=C94.O=[\text{V+2}]

InChI Identifier
InChI=1S/C32H16N8.0.V/c1-2-10-18-17(9-1)25-33-26(18)38-28-21-13-5-6-14-22(21)30(35-28)40-32-24-16-8-7-15-23(24)31(36-32)39-29-20-12-4-3-11-19(20)27(34-29)37-25;;/h1-16H;;/q-2;;+2

InChI Key
YRZZLAGKRZJJUHFFFAQY1SA N

Total Metal Impurities: Variable or N/A

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.