

Material Safety Data Sheet

Duros ND2 Developer

Code: 871

SECTION I

Supplier's Name: Konica Minolta Graphic Imaging U.S.A., Inc.

Address: 71 Charles Street

City: Glen Cove State: NY ZIP: 11542

Additional Information: 800-645-6252 Chemtrec: 1-800-424-9300

Data Prepared: July 2003

Date Revised: June 2004

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY

Hazardous Component(s) (chemical & common name(s))	OSHA PEL	ACGIH TLV	Others Exposure Limits	% p/p (Optional)	CAS NO.
<i>Water</i>	<i>NE</i>	<i>NE</i>	<i>NE</i>	<i>83,00</i>	<i>7732-18-5</i>
<i>N-Nonanoic Acid</i>	<i>NE</i>	<i>NE</i>	<i>NE</i>	<i>4,00</i>	<i>112-05-0</i>
<i>Sodium Hexametaphosphate</i>	<i>NE</i>	<i>NE</i>	<i>NE</i>	<i>2,00</i>	<i>10124-56-8</i>
<i>Potassium Hydroxide</i>	<i>NE</i>	<i>NE</i>	<i>NE</i>	<i>1,65</i>	<i>1310-58-3</i>
<i>Potassium Tetraborate</i>	<i>NE</i>	<i>NE</i>	<i>NE</i>	<i>3,00</i>	<i>1332-77-0</i>

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point: 212 °F Specific Gravity (H₂O=1): 1.037 p H: 9.00

Vapor Pressure (mm Hg): *Same as water* Vapor Density (Air=1): *Same as water*

Solubility in Water: *Completely soluble in water* Reactivity in Water: *Not Reactive*

Appearance and Odor: *Yellowish thin liquid, slight odor.* Melting Point: *Does Not Apply*

SECTION 4 - FIRE & EXPLOSION DATA

Flash Point: 218 °F Method Used: *Closed Cup*

Flammable Limits in Air % by Volume: *NE* LEL: *NE* UEL: *NE*

Auto-Ignition Temperature: *NA* Extinguisher Media: *Water, CO2 or dry chemical*

Special Fire Fighting Procedures: *None*

Unusual Fire and Explosion Hazards: *None*

SECTION 5 - PHYSICAL HAZARDS (REACTIVITY DATA)

Stability Unstable Stable

Conditions to Avoid: *None*

Incompatibility (Materials to Avoid): *None Known*

Hazardous Decomposition Products: *NA*

Hazardous Polymerization: May Occur Condition to

Will Not Occur Avoid: *None*

SECTION 6 - HEALTH HAZARDS

Acute: *None Known* Chronic: *None Known*

Signs and Symptoms of Exposure: *May Cause irritation to skin and eyes.*

Medical Conditions Generally Aggravated by Exposure: *None Known*

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Chemical Listed as Carcinogen or Potential Carcinogen: <i>None</i>		
National Toxicology Program	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
I.A.R.C Monographs	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
OSHA	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

Emergency and First Aid Procedures

Inhalation: *Prolonged, can cause dizziness and nausea.*
 Eyes: *Severe irritation, flush 15 minutes, get medical attention.*
 Skin: *Flush water & mild soap, remove contaminated clothing.*
 Ingestion: *Do not induce vomiting, drink milk or water and seek medical attention.*

SECTION 7 – SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be Taken in Handling and Storage:
Utilize recommended protective clothing and equipment (Gloves and safety glasses).

Other Precautions: *None*

Steps to be Taken in Case Material is Released or Spilled:
Remove with absorbent, such as sawdust, wash area with soap & water, prevent wash water from entering ground water.

Waste Disposal Methods (Consult federal, state, and local regulations): *In normal use, dispose in drain with large quantities of water, for larger quantities, consult local authorities.*

SECTION 8 – SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

Respiratory Protection (Specify Type): *None*
 Ventilation: *Well ventilated area* Local Exhaust: *Yes* Mechanical (General): *No* Special: *No* Other: *No*

Protective Gloves: *Yes* Eye Protection: *Yes*
 Other Protective Clothing or Equipment: *NO*

Work/Hygienic Practices: *Eye washes and showers should be available.*