

## MATERIAL SAFETY DATA SHEET

### DPD TOTAL CHLORINE SACHET

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**GENERAL INFORMATION**

PRODUCT NAME:	DPD TOTAL SACHET
MANUFACTURE'S NAME:	OEM for Eutech Instruments Pte Ltd & Oakton
Acute toxicity:	Oral rate LD50 4700 mg/kg

**COMPOSITION/INFORMATION ON INGREDIENTS**

Hazardous ingredients:	
(1) Nai:	10-30%
CAS NO:	7681-11-0
EINECS:	231-659-4
(2) Raw N,N-Diethyl-1,4-Phenylenediamine, Sulfate	1-10%
CAS NO:	6283-63-2
EINECS:	228-500-6

**PHYSICAL AND CHEMICAL PROPERTIES**

State:	Powder
Colour:	White
Odour:	Odourless
Oxidizing:	Non- Oxidizing ( by EC criteria)
Solubility in water:	Soluble
pH:	6-7

**REACTIVITY DATA**

Chemical Stability:	Stable under normal conditions..
Conditions to avoid:.	Heat. Hot surfaces. Humidity

Hazardous decomposition products:	In combustion emits toxic fumes of hydrogen iodide.
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#### HAZARDS IDENTIFICATION

Main hazards:	Harmful by inhalation, in contact with skin and if swallowed. May cause sensitization by inhalation and skin contact.
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#### FIRST AID MEASURES (SYMPTOMS)

Skin contact:	There may be mild irritation at the site of contact.
Eye contact:	There may be irritation and redness.
Ingestion:	There may be soreness and redness of the mouth and throat. The breathing may become shallow and rapid. There may be vomiting and diarrhea.
Inhalation:	There may be irritation of the throat with a feeling of tightness in the chest. Absorption through the lungs can occur causing symptoms similar to those of ingestion.

#### FIRST AID MEASURES (ACTION)

Skin contact:	Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Consult a doctor.
Eye contact:	Bathe the eye with running water for 15 minutes. Consult a doctor.
Ingestion:	Do not induce vomiting. If conscious, give half a liter of water to drink immediately. Transfer to hospital as soon as possible.
Inhalation:	Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

#### FIRE FIGHTING MEASURES

Extinguishing media:	Water. Carbon dioxide. Alcohol or polymer foam. Dry chemical powder.
Protection of fire-fighters:	Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

#### ACCIDENTAL RELEASE MEASURES

Personal precautions:	Refer to section 8 of SDS for personal protection details.
Clean-up procedures:	Wash down the drain with large amounts of water. Wash the spillage site with large amounts of water.

#### HANDLING AND STORAGE

Handling requirements:	Avoid direct contact with the substance.
Storage conditions:	Store in cool, well-ventilated area. Keep container tightly closed. Avoid contact with water or humidity

**EXPOSURE CONTROLS / PERSONAL PROTECTION**

Respiratory protection:	Respiratory protection not required.
Hand protection:	Protective gloves. Nitrile gloves. PVC gloves. Butyl gloves.
Eye protection:	Safety goggles.
Skin protection	Protective clothing.

**ECOLOGICAL INFORMATION**

Mobility:	Soluble in water.
Persistence and degradability:	Biodegradable.
Bioaccumulative potential:	No bioaccumulation potential.
Other adverse effects:	Negligible ecotoxicity.

**DISPOSAL CONSIDERATIONS**

Disposal of packaging:	Dispose of as normal industrial waste.
Note:	The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**REGULATORY INFORMATION**

Hazard symbols:	Harmful.
Safety phrases	S22: Do not breathe dust. S36/37: Wear suitable protective clothing and gloves.
Note:	The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The users attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

**TRANSPORTATION DATA AND ADDITIONAL INFORMATION**

**Domestic (D.O.T.)**

Proper shipping name:	non-regulated
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**International (I.M.O.)**

Proper shipping name:	non-regulated
Marine pollutants:	Acid

**Air (I.C.A.O.)**

Proper shipping name:	non-regulated
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