

MATERIAL SAFETY DATA SHEET

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION:

Product: X-Ray Screen Cleaner/Antistat

Chemical Type: Detergent

Issue Date: **January 5, 2007**

Supersedes: **July 8, 2004**

MCI Optonix Division
P.O. Box 151
Washington, NJ 07882

Phone: 908-835-0004
Emergency Phone 800-424-9300
Prepared By: Anthony J. Szulczewski

II. COMPOSITION/INFORMATION ON INGREDIENTS:

----- INGREDIENTS -----

MATERIAL	CAS NUMBER	OSHA PEL	ACGIH. TLV
WATER	7732-18-5	NA	NA
POLYOXYETHYLENE ALKYLETHER	84133-50-6	NA	NA
DETERGENT	9003-11-6	NA	NA
ANTI-STATIC COMPOUND	MIXTURE	400 ppm	400 ppm

PEL and TLV Values are for a component of the anti-static compound.

III. HAZARDS IDENTIFICATION:

EMERGENCY OVERVIEW

Prolonged skin contact may cause dermatitis.

----- HEALTH AND SAFETY DATA -----

Routes of Entry: **THE MATERIAL CAN BE INHALED, SWALLOWED OR ENTER THE BODY THROUGH AN OPEN WOUND OF THE SKIN.**

Health Hazards:

Signs and Symptoms: **INGESTION MAY CAUSE NAUSEA, VOMITING, DIARRHEA AND ABDOMINAL PAINS. INHALATION OF DUST MAY RESULT IN RESPIRATORY TRACT IRRITATION. SKIN CONTACT MAY CAUSE A RASH, REDNESS OR DERMATITIS.**

Medical Conditions Generally Aggravated by exposure: **DERMATITIS.**

Carcinogenic Assessment: **NTP REPORT, IARC MONOGRAPHS, THIS MATERIAL HAS NOT BEEN IDENTIFIED AS A KNOWN OR SUSPECTED CARCINOGEN BE NTP, IARC or OSHA.**

IV. FIRST AID MEASURES:

INHALATION: IF SYMPTOMS OF PULMONARY INVOLVEMENT DEVELOP (COUGHING, LABORED BREATHING, ETC.) REMOVE FROM EXPOSURE IMMEDIATELY AND OBTAIN MEDICAL ATTENTION.

INGESTION: GIVE PERSON LARGE QUANTITIES OF WATER TO DRINK, INDUCE VOMITING AND OBTAIN MEDICAL ATTENTION.

SKIN CONTACT: WASH AFFECTED AREA WITH MILD SOAP AND WATER. IF IRRITATION OCCURS SEEK MEDICAL ATTENTION.

EYE CONTACT: FLUSH WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES. IF IRRITATION OCCURS SEEK MEDICAL AID.

V. FIRE AND EXPLOSION HAZARD DATA:

Flash Point: **NA** Flammable Limits: **NA** LEL: **NA** UEL: **NA**

Extinguishing Media: **USE EXTINGUISHING MEDIA SUITABLE FOR THE SURROUNDING FIRE.**

Special Fire Fighting Procedures: **WEAR SELF-CONTAINED BREATHING APPARATUS.**

Unusual Fire and Explosion Hazards: **WHEN MATERIAL IS EXPOSED TO HIGH (FLAME) TEMPERATURES, IT MAY PRODUCE OXIDES OF CARBON, SUCH AS CARBON DIOXIDE (CO₂) and CARBON MONOXIDE (CO).**

VI. ACCIDENTAL RELEASE MEASURES:

ABSORB SPILLED MATERIAL WITH CLOTHS OR PAPER TOWELS. PLACE CLOTHS OR PAPERS IN APPROPRIATE LABELED CONTAINER.

VII. PRECAUTIONS FOR SAFE HANDLING, STORAGE AND USE:

KEEP FROM FREEZING.

Other Precautions: **MAINTAIN GOOD HOUSE KEEPING PROCEDURES.**

VIII. EXPOSURE CONTROLS, PERSONAL PROTECTION:

----- CONTROL MEASURES -----

Respiratory Protection: **NA.**

Ventilation: **LOCAL EXHAUST TO MEET THE TLV AND PEL IS RECOMMENDED TO MINIMIZE EXPOSURE.**

Protective Gloves: **GLOVES OF A NON-PERVIOUS TYPE ARE RECOMMENDED WHEN SKIN CONTACT IS LIKELY.**

Eye Protection: **SAFETY GLASSES WITH SIDE SHIELDS OR GOGGLES ARE RECOMMENDED.**

Other Protective Equipment: **PROTECTIVE CLOTHING SUCH AS APRONS, COVERALLS, ETC. SHOULD BE USED AND WASHED REGULARLY.**

IX. PHYSICAL AND CHEMICAL PROPERTIES:

Boiling Point:	100°C (Appr.)	Specific Gravity: 1.0 (Appr.)
Vapor Pressure (mm Hg):	NA	Freezing Point: 0°C (Appr.)
Vapor Density (Air=1) NA	Evaporation Rate: NA	
Solubility in Water:	INFINITELY SOLUBLE	
Appearance and Odor:	CLEAR LIQUID WITH A MILD DETERGENT ODOR	

X. STABILITY AND REACTIVITY DATA:

Stability: **MATERIAL IS STABLE.**

Conditions to Avoid: **KEEP FROM FREEZING.**

Incompatibility (Materials to Avoid): **AVOID CONTACT WITH WATER-REACTIVE MATERIALS.**

Hazardous Polymerization: **WILL NOT OCCUR.**

XI. TOXICOLOGICAL INFORMATION: NOT DETERMINED.

XII. ECOLOGICAL INFORMATION: NOT DETERMINED.

XIII. DISPOSAL CONSIDERATIONS:

Waste Disposal Method: **DISPOSE OF IN ACCORDANCE WITH APPROPRIATE GOVERNMENT REGULATIONS.**

XIV. TRANSPORTATION INFORMATION:

THIS MATERIAL IS NOT REGULATED BY THE USDOT AS A HAZARDOUS MATERIAL.

**PROPER SHIPPING NAME: NA
HAZARD CLASS: NA
UN/NA IDENTIFICATION NUMBER: NA
PACKING GROUP: NA**

XV. REGULATORY INFORMATION:

THIS MATERIAL APPEARS ON THE TOXIC SUBSTANCE CONTROL ACT INVENTORY.

MATERIAL SAFETY DATA SHEET FOR THIS MATERIAL IS REQUIRED UNDER THE PROVISIONS OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION HAZARD COMMUNICATION STANDARD, 29CFR1910.1200.

THIS MATERIAL DOES NOT FALL UNDER THE DEFINITION OF "HAZARDOUS SUBSTANCE" AS DEFINED BY DIRECTIVE 1999/45/EC, WHICH EXEMPTS IT FROM THE PACKAGING AND LABELING REQUIREMENTS OF DIRECTIVES 2001/58/EC, 2001/59/EC AND 2001/60/EC.

THIS MATERIAL DOES NOT APPEAR ON THE CALIFORNIA PROPOSITION 65 LIST.

THIS MATERIAL DOES NOT CONTAIN ANY "BANNED SUBSTANCES."

XVI. OTHER INFORMATION:

**FOR NON-EMERGENCY INFORMATION CONCERNING THIS AND OTHER PRODUCTS, KINDLY CONTACT MCI OPTONIX DIVISION AT:
P.O. BOX 151
WASHINGTON, NJ
07882**

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