

Material Safety Data Sheet
 May be used to comply with
 OSHA's Hazard Communication Standard,
 29 CFR 1910.1200. Standard must be
 consulted for specific requirements

U.S. Department of Labor
 Occupational Safety and Health
 Administration
 (Non-Mandatory Form)
 OMB no. 1218-0072

Identity (as used on Label & List)

Note: Blank spaces are not permitted. If any item
 is not applicable, or no information is applicable
 the space must be marked to indicate that.

OPTICAL COLOR INTENSIFIER (OCI)

Section I

Manufacturer's Name :
 Duraclean International, Inc.

Emergency Telephone Number :
847-704-7100

Address (Number, Street):
220 Campus Drive

Telephone Number for information :
847-704-7100

Address (City, State & Zip Code):
Arlington Heights, IL 60004

Date Prepared: November, 1985
 Revised: June 9, 1987

Signature of Preparer:
 Henry Hakewill, Jr.

Section II - Hazardous Ingredients / Identity Information

Hazard Components (Specific Chemical Identity: (Specific Chemical Identity: Common Name(s)	OSHA PEL	ACGIH TLV	Other Limits Recommended	% Opt.
Isopropanol		400ppm		
Glycol Ether		25ppm		
Triazinyl Stilbene		Not Estab.		

Product is a blend of optical bleach, stabilizer and solvents

in a water base

Not Estab.

Section III - Physical / Chemical Characteristics

Boiling Point (°F)	NIA*	Specific Gravity (H2O=1)	NIA
Vapor Pressure (mmHg)	NIA	Melting Point	NIA
Vapor Density (AIR = 1)	NIA	Evaporation Rate (Butyl Acetate =1)	NIA

Solubility in Water
 completely miscible

pH - 8.9

Appearance and Odor
 violet solution containing a faint odorant

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) N/A	Flammable Limits N/A	LEL N/A	UEL N/A
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Extinguishing Media
 N/A

* No information available

Section IV - Fire and Explosion Hazard Data cont.

Special Fire Fighting Procedures

N/A

Unusual Fire and Explosion Hazards

N/A

Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	N/A

Incompatibility (Materials to Avoid)

N/A

Hazardous Decomposition or Byproducts

N/A

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will not Occur	X	N/A

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation?	Yes	Skin?	Yes	Ingestion?	Yes
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Health Hazards (Acute and Chronic)

Chronic effects due to inhalation include anemia, liver and kidney damage. Acute effects are eye, nose and throat irritation. Ingestion causes acute irritation to mucous membranes contacted. Repeated or prolonged contact with skin (immersion) may cause chronic irritation.

Carcinogenicity:	NPT?	IARC Monographs?	OSHA Regulated?
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N/A

Signs & Symptoms of Exposure

Coughing, shortness of breath, dizziness, intoxication, headache and nausea. Bloodshot eyes and burning sensation in nose and throat.

Medical Conditions

Generally Aggravated by Exposure

Breathing difficulties, skin problems.

Emergency and First Aid Procedures

Eyes: flush with water for 15 minutes. Get medical attention. Skin: wash off with soap and water. Inhalation: remove to fresh air. Ingestion: drink a pint of lukewarm water but **DO NOT** induce vomiting. Call a physician immediately.

Emergency and First Aid Procedures cont.

Section VII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled

If quantity is small, flush with water into sewer. If it is a large amount, absorb with a dry inert solid material, shovel into drums and seal for disposal.

Waste Disposal Method

Dispose of sealed drums in an approved hazardous waste management facility.

Precautions to be Taken in Handling and Storing

Do not store at temperatures exceeding 100°F

Section VIII - Control Measures

Respiratory Protection (Specify Type)

Production personnel should wear a NIOSH approved cartridge respirator

Ventilation	Local Exhaust: good natural draft is adequate	Special	N/A
	Mechanical (General) not required	Other	N/A

Protective Gloves
vinyl

Eye Protection Production personnel should wear chemical safety goggles

Other Protective Clothing or Equipment

Production personnel should wear rubber aprons.

Work/Hygienic Practices

DO NOT take internally. Wash hands before eating.
