



MATERIAL SAFETY DATA SHEET

I. PRODUCT IDENTIFICATION

TRADE NAME (as labeled): OXSORALEN ULTRA®
MANUFACTURER'S NAME: ICN PHARMACEUTICALS, INC.
Address (complete mailing address): 3300 Hyland Avenue
Costa Mesa, CA 92626
Phone number for additional information: (714) 545-0100
Date prepared or revised: January 2001
Supersedes: Dec 1994

II. HAZARDOUS INGREDIENTS

CAS Number: 298-81-7
Chemical Name: Methoxsalen
Clinical Indication: Psoriasis
Biological Activity or Toxicological Class: Photosensitizing agent
Emergency Hazard Symbol:

HEALTH	1
FLAMMABILITY	1
REACTIVITY	0
PERSONAL PROTECTION	YES

III. PHYSICAL PROPERTIES

Vapor Density (air=1): Over 1
Specific Gravity: 1.146
Solubility in Water: Sl. Soluble
Vapor Pressure, mmHg at 20 °C: <1
Melting Point or Range, °F: N/A.
Boiling Point or Range, °F: 134.6 °F
Evaporation Rate (butyl acetate = 1): N/D
Appearance and Odor: Green gelatin capsule with clear-to-amber liquid fill, slight odor.

N/D = NOT DETERMINED < = LESS THAN > = GREATER THAN N/A = NOT APPLICABLE



IV. FIRE AND EXPLOSION

Flash Point, °F: N/A

Auto Ignition Temperature, °F: N/A

Flammable Limits in Air, Volume %: N/A lower (LEL) _____ upper (UEL) _____

Fire Extinguishing Materials:

<input checked="" type="checkbox"/> water spray	<input checked="" type="checkbox"/> carbon dioxide	_____ other:
<input checked="" type="checkbox"/> foam	<input checked="" type="checkbox"/> dry chemical	

Special Fire Fighting Procedures: Water or foam may cause frothing. If a leak or spill has not ignited, use water spray to disperse vapors and provide protection for persons attempting to stop the leak.

Unusual Fire and Explosion Hazards: N/A

V. HEALTH HAZARD INFORMATION

SYMPTOMS OF OVEREXPOSURE

Inhaled: N/D.

Contact with Skin or Eyes: Can cause burns when in conjunction with UVA light, either artificial or sunlight. Eye irritant. Avoid eye contact.

Absorbed through Skin: Same as above.

Ingestion: Nausea, vomiting, dizziness, headache. If exposed to UVA light, either artificial or sunlight within 24 hours from ingestion, may result in severe topical burns.

HEALTH EFFECTS OR RISKS FROM EXPOSURE:

Acute: May cause severe burns and blistering to areas exposed to light.

Chronic: N/D.

FIRST AID: EMERGENCY PROCEDURES

Eye Contact: Wash eyes thoroughly with water immediately after contact. Individual must stay out of UVA light (either artificial or sunlight) for at least 24 hours following exposure. Use UVA sunblocking glasses.

Skin Contact: Rinse area (**DO NOT RUB IN**) with cold water. Apply sunscreen if possible. Stay out of UVA light (either artificial or sunlight) for at least 24 hours.

Inhaled: N/D.

Ingestion: Immediately give person 2 to 4 glasses of water and induce vomiting, preferably within 2 hours of ingestion. Keep person in a darkened room for at least 24 hours.

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SUSPECTED CANCER AGENT?

☐ NO: This product's ingredients are not found in the lists below.

YES: ☐ Federal OSHA ☒ NTP ☒ IARC

***"Methoxsalen with Ultraviolet A Therapy (PUVA)" (i.e., Drug PLUS Irradiation is listed as a known carcinogen by NTP & IARC).

*See NTP 85-002 section attached.

California employers using Cal/OSHA — Regulated carcinogens must register with Cal/OSHA. The Cal/OSHA and Federal OSHA carcinogen lists are similar.

Known to the state of California to cause cancer — Proposition 65.**

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

Skin exposure may cause a non-specific rash. If person is exposed to ultraviolet light (either artificial or sunlight), burning may occur.

VI. REACTIVITY DATA

Stability: ☒ Stable ☐ Unstable

Conditions to Avoid: Excess air exposure and light exposure. Heating in air may produce irritating aldehydes, acids and ketones.

Incompatibility (materials to avoid): N/D.

Hazardous Decomposition Products: N/D.

Hazardous Polymerization: ☐ May occur ☒ Will not occur

Conditions to Avoid: Light exposure.

VII. SPILL, LEAK, AND DISPOSAL PROCEDURES

Spill Clean-Up Procedures: Use adequate body cover to avoid skin contact. Soap and water clean up should be adequate.

Preparing Wastes for Disposal: Dilute with water 3:1 and dispose diluted material down drain or in accordance with Federal, State and Local requirements.

NOTE: Dispose of all wastes in accordance with federal, state and local regulations.

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VIII. EXPOSURE CONTROL / PERSONAL PROTECTION

Ventilation and Engineering Controls:	N/D.
Respiratory Protection (type):	Not required when handling at room temperature.
Eye Protection (type):	Safety glasses should be worn in any type of industrial operation.
Gloves (specify material):	Appropriate protective gloves must be worn as necessary to avoid repeated or prolonged use with this substance.
Other Clothing and Equipment:	Clothing providing full skin protection should be worn (i.e. full length sleeves).
Work Practices, Hygienic Practices:	Daily change of work clothing. Reasonable personal cleanliness should be followed. Train employees on all special handling procedures in this section before they work with this product.
Other Handling and Storage Requirements:	Material should not be exposed to light for extended periods of time.
Protective Measures during Maintenance of Contaminated Equipment:	Use of skin protection equipment.

IX. TOXICOLOGICAL INFORMATION

Not available

X. ECOLOGICAL INFORMATION

Not available

XI. TRANSPORTATION INFORMATION

Domestic Ground Transport	ORM-D
Domestic Air Transport	ORM-D-Air
International Air Transport	Consumer commodity ID 8000
International Ocean Transport	Dangerous Goods in Limited Quantity of Class 3.2

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