



MATERIAL SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF PRODUCT:

PRODUCT NAME: **ORABLU DYE SOLUTION**

APPLICATION: ORAL CANCER SCREENING COMPONENT

COMPANY (SUPPLIER): ADDENT, INC.
43 MIRY BROOK ROAD
DANBURY, CT 06810
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EMERGENCY CONTACT: **INFOTRAC: 1-352-323-3500, TOLL-FREE 1-800-535-5053**

SECTION 2: HAZARD IDENTIFICATION (CLASSIFICATION)

MILD IRRITANT

SECTION 2A: PHYSICAL HAZARDS

N/A

SECTION 2B: HEALTH HAZARDS

THRESHOLD LIMIT VALUE: TLV (ACGIH): NONE ESTABLISHED BY OSHA FOR THIS MIXTURE
SKIN: MILD IRRITATION AND BLUE STAINING IS POSSIBLE.
EYES: DIRECT CONTACT WILL CAUSE IRRITATION AND BLUE STAINING.
INHALATION: NOT LIKELY IN LAB USE.
INGESTION: MAY CAUSE GASTROINTESTINAL IRRITATION IN LARGE QUANTITIES.
CARCINOGENICITY: NO INGREDIENTS IDENTIFIED AS CARCINOGEN OR POTENTIAL CARCINOGEN BY NTP, IARC OR OSHA.

SECTION 3: COMPOSITION / INGREDIENTS

MIXTURE: YES
TOLONIUM CHLORIDE 0.5% (MAJOR), ACETIC ACID, ETHYL ALCOHOL, ORANGE FLAVOR,
HYDROGEN PEROXIDE, SODIUM ACETATE, PURIFIED WATER.

SECTION 4: FIRST AID MEASURES

SKIN: RINSE OFF WITH WATER. IF IRRITATION DEVELOPS OR PERSISTS, CONTACT A PHYSICIAN.
EYES: RINSE WELL WITH WATER. CONTACT A PHYSICIAN.
INHALATION: IF AFFECTED, REMOVE TO FRESH AIR. IF IRRITATION PERSISTS CONTACT A PHYSICIAN.
INGESTION: IF LARGE AMOUNT IS SWALLOWED, DO NOT INDUCE VOMITING UNLESS DIRECTED TO DO SO BY MEDICAL PERSONNEL. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

SECTION 5: FIRE FIGHTING MEASURES

FLASH POINT: MATERIAL IS NON-FLAMMABLE
FLAMMABLE LIMITS: N/A
FIRE EXTINGUISHING MEDIA: ANY SUITABLE FOR AREA.
SPECIAL FIRE FIGHTING PROCEDURES: NONE FOR LAB QUANTITIES
UNUSUAL FIRE AND EXPLOSION HAZARD: NONE. BOTTLES MAY RUPTURE IF EXPOSED TO EXTREME HEAT.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PRECAUTIONS: N/A

PROCEDURES: STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: SPONGE OR WIPE UP LOOSE LIQUID WITH WATER OR ETHYL ALCOHOL. RINSE AREA WITH WATER. SOME SURFACES MAY BE PERMANENTLY STAINED.

SECTION 7: HANDLING AND STORAGE (LAB QUANTITIES)

KEEP CONTAINER CLOSED. FOR LABORATORY OR OFFICE USE ONLY. KEEP OUT OF REACH OF CHILDREN. AVOID HEAT OR DIRECT SUNLIGHT. NORMAL PRECAUTIONS OF LABORATORY GOOD HOUSEKEEPING PRACTICES SHOULD BE FOLLOWED.

SECTION 8: EXPOSURE CONTROL (PERSONAL PROTECTION)

VENTILATION: MECHANICAL (GENERAL) IS ACCEPTABLE.

SKIN: NOT NORMALLY REQUIRED. VINYL OR RUBBER GLOVES IF SENSITIVITY EXISTS.

EYES: SAFETY GLASSES OR SPLASH GOGGLES. DO NOT WEAR CONTACT LENSES WHEN HANDLING CHEMICALS.

RESPIRATORY: NONE REQUIRED IN NORMAL USE.

OTHER: EYE WASH STATION.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: INTENSE DARK BLUE MOBILE LIQUID. SLIGHT SOUR TASTE. SLIGHT ORANGE ODOR.

PH OF SOLUTION: APPROX. 4 – 5.

MELTING POINT: °F: APPROX. 32

BOILING POINT: °F: APPROX. 212

SPECIFIC GRAVITY: (H₂O=1): 1.01

EVAPORATION RATE: (BUAC =1): AS WATER

VAPOR DENSITY: (AIR =1): AS WATER

PERCENT VOLATILE: 98 %

VAPOR PRESSURE: (MM HG): AS WATER

WATER SOLUBILITY: COMPLETE

SECTION 10: REACTIVITY DATA

STABILITY: STABLE

CONDITIONS TO AVOID: EXTREME HEAT

INCOMPATIBILITY (MATERIALS TO AVOID): STRONG BASES, REDUCING AGENTS

HAZARDOUS DECOMPOSITION PRODUCTS: NONE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

REACTIVITY WITH WATER: N/A

SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE EXPOSURE SIGNS AND SYMPTOMS

SKIN: N/A. MILD IRRITATION IS POSSIBLE.

EYES: DIRECT CONTACT WILL CAUSE IRRITATION AND STAINING.

INHALATION: N/A. NOT LIKELY IN LAB USE.

INGESTION: MAY CAUSE GASTROINTESTINAL IRRITATION IN LARGE QUANTITIES.

CHRONIC EXPOSURE: N/A

SENSITIZER: N/A

CARCINOGENICITY: NO INGREDIENTS IDENTIFIED AS CARCINOGEN OR POTENTIAL CARCINOGEN BY NTP, IARC OR OSHA.

TERATOGENICITY: N/A

EMBRYOTOXICITY: N/A

MUTAGENICITY: N/A

PRE-EXISTING CONDITIONS: N/A

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY: LAB QUANTITIES ARE NOT EXPECTED TO BE SIGNIFICANT.

DEGRADABILITY: HAZARDOUS SHORT TERM DEGRADATION PRODUCTS ARE NOT LIKELY.

BIOACCUMULATION: NOT EXPECTED TO BE SIGNIFICANT.

MOBILITY IN SOIL: EXPECTED TO BE HIGH. ALL COMPONENTS ARE WATER SOLUBLE.

SECTION 13: DISPOSAL INFORMATION

CAN FLUSH DOWN LAB DRAIN WITH EXCESS OF WATER.

SECTION 14: TRANSPORT INFORMATION

UN NUMBER: N/A
SHIPPING NAME: N/A
CLASS: N/A
PACKING GROUP: N/A
MARINE POLLUTANT: N/A
WARNING SYMBOL: N/A
OTHER: THE MATERIAL, IN LAB QUANTITIES, IS NOT REGULATED AS A HAZARD IN TRANSPORTATION BY THE US DOT.

SECTION 15: REGULATORY INFORMATION

LABELLING: N/A

NFPA RATINGS:

HEALTH HAZARD: 1
FIRE EXPLOSION: 0
REACTIVITY: 0
PROTECTION: B

NATIONAL REGULATIONS:

TSCA: ALL COMPONENTS ARE ON THE TSCA INVENTORY.
SARA: SECTION 302: EXTREMELY HAZARDOUS SUBSTANCES: NONE LISTED.
SARA SECTION 313: NO INGREDIENTS AT FORMULATED LEVELS.
INAPPLICABLE: NO COMPONENTS ARE SUBJECT TO TSCA SNUR LISTING.

FOREIGN REGULATIONS:

EINECS: ALL COMPONENTS ARE ON THE EU EINECS INVENTORY LIST AND THE CANADIAN DSL.
WHMIS (CANADA): LISTED

SECTION 16: OTHER INFORMATION

SALES INFORMATION: CONTACT ADDENT INC., DANBURY, CT PH. 203-778-0020

REVISION DATE: MAY 8, 2014

INFORMATION FURNISHED BY: ALICE VOLPE, DIRECTOR BUSINESS DEVELOPMENT

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