

ORION RESEARCH -- 810007, ROSS REFERENCE ELECTRODE FILLING SO - FILLING SOLUTION, EL
MATERIAL SAFETY DATA SHEET
NSN: 6630012938230
Manufacturer's CAGE: 30260
Part No. Indicator: A
Part Number/Trade Name: 810007, ROSS REFERENCE ELECTRODE FILLING SO

=====
General Information
=====

Item Name: FILLING SOLUTION, ELECTRODE
Company's Name: ORION RESEARCH INC
Company's Street: 529 MAIN ST
Company's City: BOSTON
Company's State: MA
Company's Country: US
Company's Zip Code: 02129
Company's Emerg Ph #: 617-242-3900
Company's Info Ph #: 617-242-3900
Record No. For Safety Entry: 001
Tot Safety Entries This Stk#: 001
Status: SMJ
Date MSDS Prepared: 02APR88
Safety Data Review Date: 24APR92
MSDS Preparer's Name: THOMAS F. FLYNN
Preparer's Company: SAME
MSDS Serial Number: BPFLQ
Hazard Characteristic Code: NK

=====
Ingredients/Identity Information
=====

Proprietary: NO
Ingredient: DYE (ORANGE DYE)
Ingredient Sequence Number: 01
Percent: <0.1
NIOSH (RTECS) Number: 1000093DY
OSHA PEL: NOT APPLICABLE
ACGIH TLV: NOT APPLICABLE

Proprietary: NO
Ingredient: WETTING AGENT
Ingredient Sequence Number: 02
Percent: <0.1
NIOSH (RTECS) Number: 1000366WA
OSHA PEL: NOT APPLICABLE
ACGIH TLV: NOT APPLICABLE

Proprietary: NO
Ingredient: POTASSIUM CHLORIDE
Ingredient Sequence Number: 03
Percent: 22.3
NIOSH (RTECS) Number: TS8050000
CAS Number: 7447-40-7
OSHA PEL: NOT APPLICABLE
ACGIH TLV: NOT APPLICABLE

Proprietary: NO
Ingredient: WATER
Ingredient Sequence Number: 04
Percent: 77.6
NIOSH (RTECS) Number: ZC0110000
CAS Number: 7732-18-5
OSHA PEL: NOT APPLICABLE
ACGIH TLV: NOT APPLICABLE

=====

Physical/Chemical Characteristics

=====

Appearance And Odor: ODORLESS, ORANGE LIQUID.
Boiling Point: 221F, 105C
Melting Point: 23F, -5C
Vapor Pressure (MM Hg/70 F): N/A
Vapor Density (Air=1): N/A
Specific Gravity: 1.11 (H*20=1)
Evaporation Rate And Ref: NOT APPLICABLE
Solubility In Water: MISCIBLE
Percent Volatiles By Volume: N/A
pH: SUPDAT

=====

Fire and Explosion Hazard Data

=====

Flash Point: NOT APPLICABLE
Lower Explosive Limit: N/A
Upper Explosive Limit: N/A
Extinguishing Media: ANY. USE MEDIA SUITABLE FOR SURROUNDING FIRE (FP N).
Special Fire Fighting Proc: NONE, THIS SOLUTION IS NON FLAMMABLE. WEAR
NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT (FP N).
Unusual Fire And Expl Hazrds: NONE.

=====

Reactivity Data

=====

Stability: YES
Cond To Avoid (Stability): NONE
Materials To Avoid: NOT APPLICABLE
Hazardous Decomp Products: NOT APPLICABLE
Hazardous Poly Occur: NO
Conditions To Avoid (Poly): NOT RELEVANT

=====

Health Hazard Data

=====

LD50-LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.
Route Of Entry - Inhalation: NO
Route Of Entry - Skin: YES
Route Of Entry - Ingestion: NO
Health Haz Acute And Chronic: NOT A CHRONIC OR ACUTE HAZARD FOR ALL ROUTES
OF EXPOSURE, HOWEVER, AN ELECTROLYTE IMBALANCE MIGHT OCCUR IF INGESTED.
Carcinogenicity - NTP: NO
Carcinogenicity - IARC: NO
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: NOT RELEVANT
Signs/Symptoms Of Overexp: ITCHING OF SKIN, IRRITATION OF EYES IF ALLOWED
TO COME IN DIRECT CONTACT.
Med Cond Aggravated By Exp: WILL CAUSE STINGING IN AN OPEN CUT.
Emergency/First Aid Proc: SKIN: WASH OFF SKIN. EYES: IRRIGATE EYES WITH
WATER FOR AT LEAST 15 MINUTES. INHAL: REMOVE TO FRESH AIR. SUPPORT
BREATHING (GIVE O*2/ARTF RESP) (FP N). INGEST: CALL MD IMMEDIATELY (FP N).

=====

Precautions for Safe Handling and Use

=====

Steps If Matl Released/Spill: WASH DOWN DRAIN WITH WATER.
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.
Waste Disposal Method: WASH DOWN DRAIN WITH WATER. OBSERVE ALL FEDERAL,
STATE AND LOCAL LAWS.
Precautions-Handling/Storing: NONE, PRODUCT IS A LOW HAZARD. SUITABLE FOR
GENERAL STORAGE AREAS.
Other Precautions: KEEP CLOSURE SEALED AND STORE AT ROOM TEMPERATURE TO
PROTECT PRODUCT INTEGRITY.

=====

Control Measures

Respiratory Protection: NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN (FP N).
Ventilation: NONE SPECIFIED BY MANUFACTURER.
Protective Gloves: IMPERVIOUS GLOVES (FP N).
Eye Protection: CHEMICAL WORKERS GOGGLES (FP N).
Other Protective Equipment: NONE SPECIFIED BY MANUFACTURER.
Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.
Suppl. Safety & Health Data: PH: 5.8 - 8.0 @ 25C.

Transportation Data

Trans Data Review Date: 92351
DOT PSN Code: ZZZ
DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
IMO PSN Code: ZZZ
IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION
IATA PSN Code: ZZZ
IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
AFI PSN Code: ZZZ
AFI Prop. Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
Additional Trans Data: NOT REGULATED FOR TRANSPORTATION

Disposal Data

Label Data

Label Required: YES
Technical Review Date: 23APR92
Label Date: 23APR92
Label Status: G
Common Name: 810007, ROSS REFERENCE ELECTRODE FILLING SOLUTION
Chronic Hazard: NO
Signal Word: CAUTION!
Acute Health Hazard-Slight: X
Contact Hazard-Slight: X
Fire Hazard-None: X
Reactivity Hazard-None: X
Special Hazard Precautions: ACUTE:INGESTION MAY CAUSE AN ELECTROLYTE IMBALANCE. SKIN CONTACT MAY CAUSE ITCHING. MAY CAUSE STINGING IN OPEN CUTS. DIRECT EYE CONTACT MAY CAUSE IRRITATION. CHRONIC:NONE LISTED BY MANUFACTURER.
Protect Eye: Y
Protect Skin: Y
Protect Respiratory: Y
Label Name: ORION RESEARCH INC
Label Street: 529 MAIN ST
Label City: BOSTON
Label State: MA
Label Zip Code: 02129
Label Country: US
Label Emergency Number: 617-242-3900

URL for this msds <http://siri.org>. If you wish to change, add to, or delete information in this archive please sent updates to dan@siri.org.