

MATERIAL SAFETY DATA SHEET

PART NUMBER: 1700641 (R-459)
IDENTITY: BUFFERED POTASSIUM IODIDE SOLUTION
MANUFACTURER: ROSEMOUNT ANALYTICAL INC.
ADDRESS: 2400 BARRANCA PARKWAY IRVINE, CA 92606
DATE REVISED: 01/26/11
PREPARED BY: R. MORRISON
TELEPHONE: 949/757-8500 (1-800-424-9300 24 Hr. CHEMTREC/ CODE: RANA)
REVISED BY: T. PHILLIPS

SECTION 1--MATERIAL IDENTIFICATION AND INFORMATION

Table with 6 columns: COMPONENTS, CAS#, %, OSHA PEL, ACGIH TLV, OTHER LIMITS RECOMMENDED. Rows include Sodium Acetate Trihydrate, Acetic Acid Glacial, Potassium Iodide, Non-hazardous ingredients, and Total.

No health hazard or other information is available for the solution of the mixture. The following sections are based on information obtained from http://www.jtbaker.com/msds/englishhtml/S2666.htm, http://www.jtbaker.com/msds/englishhtml/A0326.htm, http://www.jtbaker.com/msds/englishhtml/P5906.htm and our best scientific understanding of the solution.

SECTION 2--PHYSICAL/CHEMICAL CHARACTERISTICS

Table with 2 columns: Property and Value. Properties include Boiling Point, Specific Gravity, Vapor Pressure, Melting Point, Vapor Density, Evaporation Rate, Solubility in Water, Water Reactive, and Appearance and Odor.

SECTION 3--FIRE AND EXPLOSION HAZARD DATA

Table with 2 columns: Property and Value. Properties include Flash Point and Method Used, Auto Ignition Temperature, Flammability Limits in Air % by Volume, LEL, UEL, Extinguisher Media, Special Fire Fighting Procedures, and Unusual Fire and Explosion Hazards.

SECTION 4--REACTIVITY HAZARD DATA

Table with 2 columns: Property and Value. Properties include Stability, Conditions to Avoid, Incompatibility (Materials to Avoid), Hazardous Decomposition Products, Hazardous Polymerization, and Hazardous Polymerization Conditions to Avoid.

SECTION 5--HEALTH HAZARD DATA: 1700641 (R-459)

PRIMARY ROUTES OF ENTRY: INHALATION X SKIN ABSORPTION X
INGESTION X NOT HAZARDOUS

CARCINOGEN LISTED: NTP IARC OSHA NOT LISTED X
HEALTH HAZARDS

ACUTE: IRRITATION TO EYES, SKIN, MUCOUS MEMBRANES
CHRONIC: DERMATITIS, ECZEMA

SIGNS AND SYMPTOMS OF EXPOSURE: SKIN IRRITATION, BURNING SENSATION, NAUSEA,
DIZZINESS

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: SKIN, RESPIRATORY DISORDERS

EMERGENCY FIRST AID PROCEDURES:

EYE CONTACT: FLUSH WITH COLD WATER 15 MINUTES.

SKIN CONTACT: WASH THOROUGHLY WITH COLD AND SOAP.

INHALATION: REMOVE TO FRESH AIR. IF OVER-EXPOSED SEEK MEDICAL ASSISTANCE.

INGESTION: SEEK MEDICAL ASSISTANCE. DO NOT INDUCE VOMITING.

SECTION 6--CONTROL AND PROTECTIVE MEASURES

RESPIRATORY PROTECTION (SPECIFY TYPE) NIOSHA/MSHA APPROVED RESPIRATOR

PROTECTIVE GLOVES: YES

EYE PROTECTION: YES

VENTILATION TO BE USED

LOCAL EXHAUST: RECOMMENDED

MECHANICAL (GENERAL): YES

SPECIAL:

OTHER (SPECIFY): N/A

PROTECTIVE CLOTHING AND EQUIPMENT: LAB COAT/APRON

HYGIENIC WORK PRACTICES: WASH HANDS AFTER HANDLING

SECTION 7--PRECAUTIONS FOR SAFE HANDLING AND USE/LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED: FLUSH WITH WATER AND
BAKING SODA TO NEUTRALIZE; MOP.

WASTE DISPOSAL METHODS: DISPOSE IN ACCORDANCE WITH WITH FEDERAL, STATE, LOCAL
REGULATIONS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: STORE IN DRY, SAFE AREA.

OTHER PRECAUTIONS AND/OR SPECIAL HAZARDS: AVOID ANY CONTACT TO SKIN.

RATING: HEALTH 1 FLAMMABILITY 0 REACTIVITY 0 SPECIFIC 1 contact