SECTION I - PRODUCT IDENTIFICATION

Product Name: Iodine (Iodine-Iodide), DILUT-IT Analytical Conc, N/10(0.1N)
Formula: I₂ and KI in H₂O
Formula Wt: 253.81
CAS No.: 00000-00-0
Common Synonyms: (Ampoule for Dilution to 1000 ml)
Product Codes:

Columbus Chemical Industries, Inc
4335 Temkin Road
Columbus, WI 53925
(414) 623-2140

PRECAUTIONARY LABELLING

HEALTH FLAMMABILITY REACTIVITY CONTACT

3 SEVERE 0 NONE 1 SLIGHT 3 SEVERE

Laboratory Protective Equipment

GOGGLES & SHIELD LAB COAT APRON VENT HOOD PROPER GLOVES

Precautionary Label Statements

POISON! DANGER!
MAY BE FATAL IF SWALLOWED
CAUSES BURNS

Do not get in eyes, on skin, on clothing.
Do not breathe vapor. Keep in tightly closed container. Use with adequate ventilation. Wash thoroughly after handling.

SECTION II - HAZARDOUS COMPONENTS

Component    %    CAS No.
Iodine       16-18  7553-56-2
Potassium Iodide 26-28  7681-11-0

SECTION III - PHYSICAL DATA

Boiling Point: 100°C (212°F)
Melting Point: N/A
Vapor Pressure(mmHg): N/A
Vapor Density(air=1): N/A

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Specific Gravity: 1.00
(H₂O=1)

Evaporation Rate: N/A
(Butyl Acetate=1)

Solubility (H₂O): Complete (in all proportions)
% Volatiles by Volume: N/A

Appearance & Odor: Clear brown solution.

Flash Point: N/A

Fire Extinguishing Media:
Use extinguishing media appropriate for surrounding fire.

Effects of Overexposure:
Contact with skin or eyes may cause severe irritation or burns.
Ingestion may cause nausea, vomiting and loss of consciousness.
Vapors may be irritating to skin, eyes, and mucous membranes.

Emergency and First Aid Procedures:
CALL A PHYSICIAN.
If swallowed, do NOT induce vomiting; if conscious, give water, milk, or
milk of magnesia.
In case of contact, immediately flush eyes or skin with plenty of water for
at least 15 minutes while removing contaminated clothing and shoes.
Wash clothing before re-use.

Stability: Stable
Hazardous Polymerization: Will not occur

Conditions to Avoid: none documented

Steps to be taken in the event of a spill or discharge:
Wear self-contained breathing apparatus and full protective clothing.
Stop leak if you can do so without risk. Use water spray to reduce vapors.
Take up with sand or other non-combustible absorbent material and place
into container for later disposal. Flush spill area with water.

Disposal Procedure:
Dispose in accordance with all applicable federal, state, and local
environmental regulations.

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SECTION VII - SPILL AND DISPOSAL PROCEDURES (Continued)

EPA Hazardous Waste Number:  D002 (Corrosive Waste)

SECTION VIII - INDUSTRIAL PROTECTIVE EQUIPMENT

Eye/Skin Protection:  This is a laboratory-use product for which no industrial protective equipment has been designated.

SECTION IX - STORAGE AND HANDLING PRECAUTIONS

Storage Color Code:

Special Precautions
Keep container tightly closed. Store in corrosion-proof area.

SECTION X - TRANSPORTATION DATA AND ADDITIONAL INFORMATION

DOMESTIC (D.O.T.)

Proper Shipping Name  Chemicals, n.o.s.

INTERNATIONAL (I.M.O.)

Proper Shipping Name  Chemicals, n.o.s.

N/A = Not Applicable or Not Available

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