
MATERIAL SAFETY DATA SHEET

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Revised 2/02/04
Replaces 8/12/03
Printed 2/03/04

CONCENTRATE 1**MSDS ID: 00228**

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: CONCENTRATE 1

Product Code: 00228

Product Function: IODINE TEAT DIP CONCENTRATE

MANUFACTURER: JOHNSON DIVERSEY, INC. EMERGENCY PHONE NUMBER: (800) 851-7145
3630 E. KEMPER ROAD
CINCINNATI, OH. 45241

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient Name(CAS Number)	%	Exposure Limits
BUTOXY POLYALKOXY GLYCOL IODINE COMPLEX (68610-00-4)	42	NOT ESTABLISHED
DIPROPYLENE GLYCOL METHYL ETHER (34590-94-8)	7	TLV 600, PEL 909 MG/M3

3. HAZARDS IDENTIFICATION

Primary Routes of Entry

Inhalation: NO

Skin: YES

Ingestion: YES

4. FIRST AID MEASURES

Eyes: IMMEDIATELY FLUSH WITH PLENTY OF FRESH WATER. GET MEDICAL ATTENTION.

Skin: FLUSH WITH PLENTY OF WATER. IF IRRITATION DEVELOPS, GET MEDICAL ATTENTION.

Ingestion: DRINK SEVERAL GLASSES OF WATER. DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

Inhalation: REMOVE TO FRESH AIR AND SEEK MEDICAL ATTENTION.

5. FIRE FIGHTING MEASURES

Flash Point (degrees F): NONE

Unusual Fire or Explosion Hazards: MAY RELEASE IODINE FUMES IN FIRE AREA.

Extinguishing Media: WATER, WATER FOG, CO2, DRY CHEMICAL

Fire Fighting Instructions: WEAR PROTECTIVE FIREFIGHTING GEAR AND
SELF-CONTAINED BREATHING APPARATUS IN FIRE AREA.
SPILLED PRODUCT MAY CAUSE SLIPPERY SURFACES.

6. ACCIDENTAL RELEASE MEASURES

If Material is Released or Spilled:

WIPE UP SMALL AMOUNTS OR FLUSH TO SANITARY SEWER. COLLECT AND RETURN LARGE AMOUNTS TO CONTAINER. CAUSES SLIPPERY SURFACES. CLEAN AND WASH SPILL AREAS.

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7. HANDLING AND STORAGE

DO NOT PRESSURE CONTAINER TO EMPTY. KEEP FROM FREEZING. THAW AND MIX BEFORE USE. KEEP OUT OF REACH OF CHILDREN. DO NOT STORE ABOVE 100 F.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye/Face Protection: SIDE SHIELD SAFETY GLASSES OR CHEMICAL GOGGLES.
Protective Gloves: RUBBER, PVC OR OTHER CHEMICAL RESISTANT.
Respiratory Protection: USUALLY NOT REQUIRED
Other Protective Clothing/Equipment: CLOTHING TO PREVENT PROLONGED SKIN CONTACT. EYE WASH IN USE AREA.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: BROWN OPAQUE LIQUID WITH A MILD IODINE ODOR.
Boiling Point (F): 220 Freezing Point: Not Determined
Specific Gravity: 1.1000 pH: Not Determined
pH 1% SOLUTION: Not Determined
Volatile (% by Vol.): 42 Solubility in Water: 100

10. STABILITY AND REACTIVITY

Chemical Stability: STABLE
Incompatibility With Other Materials: METAL SALTS, HEAT OR REDUCING AGENTS.
Hazardous Decomposition Products: TEMPERATURES ABOVE 140 F. WILL RELEASE IRRITATING IODINE VAPORS.
Hazardous Polymerization: None

11. TOXICOLOGICAL INFORMATION

Signs and Symptoms of Overexposure:
Acute: CAUSES EYE IRRITATION WITH PAIN AND REDNESS OR SWELLING. MAY CAUSE SKIN DRYNESS UPON PROLONGED CONTACT WITH CONCENTRATE. CAUSES NAUSEA, VOMITING, PAIN AND DIARRHEA IF PRODUCT IS INGESTED.
Chronic: NO KNOWN HAZARDS.
Medical Conditions Generally Aggravated by Exposure:
SENSITIVE SKIN, PROLONGED CONTACT MAY CAUSE DRYNESS OR DERMETITIS.

12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATIONS

EMPTY CONTAINER. TRIPLE RINSE WITH WATER AND ADD RINSATE TO PROCESS. DEFACE LABEL BEFORE DISPOSING OR SELLING CONTAINERS. RECYCLE OR DISPOSE OF IN ACCORDANCE WITH LOCAL REGULATIONS. NOT A RCRA HAZARDOUS WASTE. CONTAINS BIODEGRADABLE DETERGENTS. NO REPORTABLE QUANTITY HAS BEEN ESTABLISHED FOR PRODUCT.

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14. TRANSPORT INFORMATION

Please refer to the Bill of Lading/receiving documents for up to date shipping information.

15. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:**CERCLA/EPCRA/313 Toxic Chemicals:****ALL CHEMICALS ARE ON THE TSCA INVENTORY.****CARCINOGENICITY:**

Not listed as carcinogenic by IARC, NTP, OSHA, ACGIH

HMIS Ratings: Health: 1 Fire: 0 Reactivity: 0
Personal Protective Equipment: B

State Right-to-Know Information:

WATER - CAS #7732-18-5

BUTOXYMONOETHER OF POLYOXYPROPYLENE-POLYOXYETHYLENE GLYCOL

IODINE COMPLEX - CAS #68610-00-4

GLYCERINE - CAS #56-81-5

SODIUM ACETATE - CAS #127-09-3

16. OTHER INFORMATION

DISCLAIMER: The information contained in this safety data sheet is based on knowledge of this specific product and current national legislation. It may not be valid for this material if used in combination with any other materials or in a process. It is the user's responsibility to evaluate the applicability of this information for their particular conditions of storage, handling, and use.