
MATERIAL SAFETY DATA SHEET

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SUPER TAKEOFF**MSDS ID: 08320**

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: SUPER TAKEOFF

Product Code: 08320

Product Function: FOAMING MANUAL DETERGENT

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
2-BUTOXYETHANOL (111-76-2)	5	TLV 25; PEL 50 PPM

3. HAZARDS IDENTIFICATION

Primary Routes of Entry

Inhalation: YES

Skin: YES

Ingestion: YES

4. FIRST AID MEASURES

Eyes: FLUSH THOROUGHLY WITH FRESH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION.

Skin: FLUSH WITH PLENTY OF WATER. IF IRRITATION DEVELOPS, GET MEDICAL ATTENTION. REMOVE CONTAMINATED CLOTHES AND SHOES. CLEAN BEFORE REUSE.

Ingestion: GIVE 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): 400

Unusual Fire or Explosion Hazards: LOW FIRE HAZARD.

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

Fire Fighting Instructions: WEAR PROTECTIVE FIREFIGHTING GEAR AND SELF-CONTAINED BREATHING APPARATUS IN FIRE AREA.

6. ACCIDENTAL RELEASE MEASURES

If Material is Released or Spilled:

WIPE UP SMALL AMOUNTS, FLUSH TO SANITARY SEWER. COLLECT AND RETURN LARGE AMOUNTS TO CONTAINER. CAUSES SLIPPERY SURFACES. CLEAN AND WASH AREAS. CERCLA PRODUCT R.Q.: NO REPORTABLE QUANTITY.

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7. HANDLING AND STORAGE

DO NOT PRESSURE CONTAINER TO EMPTY. KEEP FROM FREEZING. KEEP BUNGS IN CONTAINER. IF FROZEN, CONTACT SALES/SERVICE REPRESENTATIVE. KEEP OUT OF REACH OF CHILDREN.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: CLEAR BLUE LIQUID, ETHER LIKE ODOR.
Boiling Point (F): 212 Freezing Point: Not Determined
Specific Gravity: 1.0600 pH: Not Determined
pH 1% SOLUTION: Not Determined
Volatile (% by Vol.): 87 Solubility in Water: 100

10. STABILITY AND REACTIVITY

Chemical Stability: STABLE
Incompatibility With Other Materials: ACIDS AND OXIDIZERS.
Hazardous Decomposition Products: OXIDES OF CARBON WITH INCOMPLETE COMBUSTION.
Hazardous Polymerization: None

11. TOXICOLOGICAL INFORMATION

Signs and Symptoms of Overexposure:
Acute: CAUSES EYE AND SKIN IRRITATION WITH PAIN AND REDNESS OR DRYNESS. MAY BE HARMFUL IF SWALLOWED. CAUSES NAUSEA, VOMITING, PAIN AND DIARRHEA IF PRODUCT IS INGESTED.
Chronic: NO KNOWN HAZARDS. TARGET ORGAN EFFECTS: CONTAINS ETHYLENE GLYCOL BUTYLETER WHICH MAY BE ABSORBED THROUGH THE SKIN. THIS CHEMICAL HAS BEEN REPORTED TO CAUSE ADVERSE EFFECTS TO BLOOD, KIDNEY AND LIVER DEPENDING ON EXPOSURE.
Medical Conditions Generally Aggravated by Exposure:
SENSITIVE SKIN; PROLONGED CONTACT MAY CAUSE DRYNESS OR DERMITITIS.

12. ECOLOGICAL INFORMATION

No data available.

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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.

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:

THIS PRODUCT CONTAINS 2-BUTOXYETHANOL AT 5% WHICH IS SARA TITLE III, SECTION 313 REPORTABLE AS A GLYCOL ETHER COMPOUND.

CARCINOGENICITY:

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

HMIS Ratings: Health: 2 Fire: 0 Reactivity: 0
Personal Protective Equipment: B

State Right-to-Know Information:

ETHYLENE GLYCOL BUTYL ETHER - CAS #111-76-2

SODIUM LAURYL SULFATE - CAS #151-21-3

SODIUM METASILICATE - CAS #6834-92-0

WATER - CAS #7732-18-5

SODIUM TRIPOLYPHOSPHATE - CAS #7758-29-4

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.