
MATERIAL SAFETY DATA SHEET

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

FREEZER FLOOR CLEANER**MSDS ID: 02190**

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: FREEZER FLOOR CLEANER

Product Code: 02190

Product Function: FREEZER FLOOR CLEANER

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
ISOPROPANOL (67-63-0)	<10	PEL 980; TLV 980; STEL1225 MG/M3

3. HAZARDS IDENTIFICATION

Primary Routes of Entry

Inhalation: YES

Skin: NO

Ingestion: YES

4. FIRST AID MEASURES

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

Skin: FLUSH WITH FRESH WATER, WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHES AND SHOES.

Ingestion: GIVE WATER, DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.

Inhalation: REMOVE TO FRESH AIR AND SEEK MEDICAL ATTENTION.

5. FIRE FIGHTING MEASURES

Flash Point (degrees F): 105

Unusual Fire or Explosion Hazards: VAPORS FROM THIS PRODUCT MAY TRAVEL ALONG THE GROUND AND BE IGNITED BY SOURCES DISTANT FROM HANDLING POINT.

Extinguishing Media: CO2, DRY CHEMICAL, FOAM, WATER SPRAY.

Fire Fighting Instructions: USE SELF CONTAINED BREATHING APPARATUS IN POSITIVE PRESSURE MODE WITH PROTECTIVE CLOTHING.

6. ACCIDENTAL RELEASE MEASURES

If Material is Released or Spilled:

FOR SMALL SPILLS, FLUSH TO DRAIN, FOR LARGE SPILLS, VENTILATE AREA.

EXTINGUISH ALL SOURCES OF IGNITION, COLLECT AND RETURN TO CONTAINER.

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7. HANDLING AND STORAGE

DO NOT PRESSURE CONTAINER TO EMPTY. DO NOT USE NEAR OPEN FLAME OR SPARKING EQUIPMENT. KEEP CONTAINER CLOSED WHEN NOT IN USE.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye/Face Protection: NONE
Protective Gloves: NONE
Respiratory Protection: NONE
Other Protective Clothing/Equipment: NONE

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: GOLDEN LIQUID, ALCOHOLIC ODOR.
Boiling Point (F): 210 Freezing Point: Not Determined
Specific Gravity: 1.0100 pH: Not Determined
pH 1% SOLUTION: Not Determined
Volatile (% by Vol.): 55 Solubility in Water: 100

10. STABILITY AND REACTIVITY

Chemical Stability: STABLE
Incompatibility With Other Materials: STRONG OXIDIZERS, CONCENTRATED ACIDS, HALOGENS, AND HALOGEN COMPOUNDS.
Hazardous Decomposition Products: OXIDES OF CARBON AND SULFUR
Hazardous Polymerization: None

11. TOXICOLOGICAL INFORMATION

Signs and Symptoms of Overexposure:
Acute: OVEREXPOSURE TO VAPORS MAY CAUSE DIZZINESS OR NAUSEA.
Chronic: PROLONGED OR REPEATED CONTACT MAY CAUSE SKIN DRYNESS.
Medical Conditions Generally Aggravated by Exposure:
Sensitive skin

12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATIONS

USE UNTIL LESS THAN ONE INCH REMAINS IN CONTAINER, EMPTY CONTAINER. TRIPLE RINSE CONTAINER WITH WATER. REMOVE OR DEFACE CONTAINER LABEL BEFORE SELLING OR DISPOSAL. PRODUCT CONTAINS NO PHOSPHATES.

14. TRANSPORT INFORMATION

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

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15. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

CERCLA/EPCRA/313 Toxic Chemicals:

CARCINOGENICITY:

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

HMIS Ratings: Health: 1 Fire: 2 Reactivity: 0
Personal Protective Equipment: B

State Right-to-Know Information:

PROPYLENE GLYCOL - CAS #57-55-6

ISOPROPANOL - CAS #67-63-0

WATER - CAS #7732-18-5

Ethoxylated Alcolol Surfactant CAS# 68002-97-1

Sodium Lauryl Ether Sulfate CAS #68585-34-2

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.