
MATERIAL SAFETY DATA SHEET

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

DIVO-FLOW 185

MSDS ID: 09375

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: DIVO-FLOW 185

Product Code: 09375

Product Function: ALKALINE CLEANER

MANUFACTURER: JOHNSON DIVERSEY, INC.
3630 E. KEMPER ROAD
CINCINNATI, OH. 45241

EMERGENCY PHONE NUMBER: (800) 851-7145

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient Name(CAS Number)	%	Exposure Limits
SODIUM HYDROXIDE (1310-73-2)	10	TLV 2; PEL 2 (CEILING) MG/M3

3. HAZARDS IDENTIFICATION

Primary Routes of Entry

Inhalation: YES

Skin: YES

Ingestion: YES

4. FIRST AID MEASURES

Eyes: IMMEDIATELY FLUSH THOROUGHLY WITH FRESH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION IF EYES ARE INJURED OR IRRITATION PERSISTS.

Skin: IMMEDIATELY FLUSH WITH FRESH WATER. REMOVE CONTAMINATED CLOTHES AND SHOES.

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

Inhalation: REMOVE TO FRESH AIR. GET MEDICAL ATTENTION.

5. FIRE FIGHTING MEASURES

Flash Point (degrees F): NONE

Unusual Fire or Explosion Hazards: LIQUID CORROSIVE MATERIAL

Extinguishing Media: Water spray, CO2, foam or dry powder.

Fire Fighting Instructions: WEAR FULL PROTECTIVE GEAR AND SELF-CONTAINED BREATHING APPARATUS (SCBA) IN FIRE AREA.

6. ACCIDENTAL RELEASE MEASURES

If Material is Released or Spilled:

Contain spill. Wear protective clothing. Soak up or absorb liquid on suitable absorbent material. Collect and place in chemical waste container. Dispose of in accordance with local, State and Federal regulations. Flush spill area with water.

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7. HANDLING AND STORAGE

STRONG CAUSTIC PRODUCT. Wear protective gear when using or handling. Product freezes below 50 deg. F. Thaw by warming to 70 deg. F and mix for use. Add product slowly with mixing to water or liquids to avoid heat, steam and spattering. Do not allow product to collect on bottom of tank to prevent violent reaction. Do not pressurize container to empty.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye/Face Protection: Chemical goggles if contact or splash hazard exists. Face shields.
Protective Gloves: Alkali resistant.
Respiratory Protection: WEAR APPROVED CARTRIDGE RESPIRATOR TO MAINTAIN PEL/TLV IN MIST, SPRAY, OR DUSTY CONDITIONS.
Other Protective Clothing/Equipment: Rubber boots and chemical resistant apron if contact or splash hazard exists. Eyewash and safety shower in area if contact or splash hazard exists.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: CLEAR, COLORLESS TO LIGHT AMBER LIQUID.
Boiling Point (F): 220 F Freezing Point: Not Determined
Specific Gravity: 1.1000 pH: Not Determined
pH 1% SOLUTION: 12.4
Volatile (% by Vol.): 85% Solubility in Water: 100

10. STABILITY AND REACTIVITY

Chemical Stability: Product stable.
Incompatibility With Other Materials: FLAMMABLE LIQUIDS, ACIDS, ORGANIC HALOGENS, ALUMINUM, SOFT METALS, HEAT, AND NITROGEN CONTAINING CHEMICALS (AMMONIA).
Hazardous Decomposition Products: Acids; Organic halogens; Aluminum; Flammable liquids; Soft metals
Hazardous Polymerization: None

11. TOXICOLOGICAL INFORMATION

Signs and Symptoms of Overexposure:

Acute: EYES: Severe burns, tissue damage, or irritation with pain, swelling, blurred or impaired vision, blindness. SKIN: Severe burns, tissue destruction, blisters or rash with swelling and pain. INGESTION: May be fatal. Severe burns to mouth and throat may result with pain, gastric perforation and difficulty in swallowing or breathing. INHALATION: Spray or mists cause burns or severe irritation to nose, throat and respiratory tract with pain, choking, and experience difficulty in breathing.

Chronic: Same as acute effects.

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11. TOXICOLOGICAL INFORMATION (Cont.)

Medical Conditions Generally Aggravated by Exposure:
Dermatitis, sensitive skin, pulmonary function and asthma.

12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATIONS

Spent or excess product is hazardous waste. Do not discharge to sewer or environment. Arrange disposal through a licensed disposal company or treat by special Waste Disposal Sheet. Recycle or dispose of containers by product labeling or governmental regulations.

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:

SODIUM HYDROXIDE (1310-73-2) HAS NOT BEEN SARA 313 REPORTABLE SINCE 1989.

CARCINOGENICITY:

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

HMIS Ratings: Health: 3 Fire: 0 Reactivity: 0
Personal Protective Equipment: D

State Right-to-Know Information:

SODIUM HYDROXIDE - CAS #1310-73-2

SODIUM POLYACRYLATE - CAS #9003-01-4

WATER - CAS #7732-18-5

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.