
MATERIAL SAFETY DATA SHEET

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Revised 2/02/04
Replaces 8/26/03
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222 SUPER 70**MSDS ID: 07775**

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: 222 SUPER 70

Product Code: 07775

Product Function: DRAIN OPENER AND 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	
SODIUM HYDROXIDE (1310-73-2)	<45	TLV C2; PEL C2	MG/M3

3. HAZARDS IDENTIFICATION

Primary Routes of Entry

Inhalation: YES

Skin: YES

Ingestion: YES

4. FIRST AID MEASURES

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

Skin: FLUSH IMMEDIATELY WITH WATER. WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDRY BEFORE REUSE.

Ingestion: DO NOT INDUCE VOMITING. GIVE LARGE QUANTITIES OF WATER. GET MEDICAL ATTENTION IMMEDIATELY.

Inhalation: REMOVE TO FRESH AIR. IF SYMPTOMS PERSIST, GET MEDICAL ATTENTION.

5. FIRE FIGHTING MEASURES

Flash Point (degrees F): NONE

Unusual Fire or Explosion Hazards: CONTACT WITH WATER ONLY AS DIRECTED ON LABEL. WATER PRODUCES AN EXOTHERMIC REACTION GENERATING HEAT, AMMONIA AND OTHER GASES.

Extinguishing Media: COLD WATER. USE ONLY IN VERY LARGE QUANTITIES.

Fire Fighting Instructions: PROVIDE PROTECTIVE CLOTHING AND EQUIPMENT. PRODUCT AND SOLUTIONS ARE CORROSIVE. PROVIDE SUPPLIED-AIR RESPIRATORS.

6. ACCIDENTAL RELEASE MEASURES

If Material is Released or Spilled:

RECOMMEND SEEK PROFESSIONAL HAZARDOUS WASTE DISPOSAL ASSISTANCE. PROVIDE PROTECTIVE EQUIPMENT AND SUPPLIED-AIR RESPIRATORS TO CLEANUP PERSONNEL. SHOVEL AND SWEEP UP REACTING MATERIAL INTO METAL CONTAINERS; COVER LOOSELY. TRANSPORT TO OPEN, OUTDOOR AREA AND WAIT FOR ASSISTANCE.

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7. HANDLING AND STORAGE

STORE CONTAINER TIGHTLY SEALED AWAY FROM WATER AND ACIDS. STORE IN COOL, DRY LOCATION. DO NOT TRANSFER PRODUCT TO OTHER CONTAINERS. PRODUCT IS CORROSIVE.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye/Face Protection: CHEMICAL GOGGLES AND FACE SHIELD
Protective Gloves: RUBBER GLOVES
Respiratory Protection: NONE
Other Protective Clothing/Equipment: RUBBER BOOTS, RUBBER APRON

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: RED GRANULAR PRODUCT; MILD CHARACTERISTIC ODOR
Boiling Point (F): N/A Freezing Point: Not Determined
Specific Gravity: 1.0000 pH: Not Determined
pH 1% SOLUTION: Not Determined
Volatile (% by Vol.): 0 Solubility in Water: 40

10. STABILITY AND REACTIVITY

Chemical Stability: STABLE
Incompatibility With Other Materials: WATER (EXCEPT AS DIRECTED ON PRODUCT LABEL), ACIDS, ALUMINUM, ZINC AND OTHER SOFT METALS
Hazardous Decomposition Products: AMMONIA, CO2, CARBON MONOXIDE
Hazardous Polymerization: None

11. TOXICOLOGICAL INFORMATION

Signs and Symptoms of Overexposure:
Acute: PRODUCT AND SOLUTIONS OF PRODUCT WILL CAUSE IMMEDIATE DESTRUCTION OF EYE TISSUE UPON CONTACT. CORROSIVE TO SKIN AND EYES. CAUSES SEVERE BURNS. HARMFUL OR FATAL IF SWALLOWED.
Chronic: SAME AS ACUTE
Medical Conditions Generally Aggravated by Exposure: SENSITIVE EYES AND SKIN; IMPAIRED PULMONARY FUNCTION

12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATIONS

NEVER RETURN UNUSED PRODUCT TO CONTAINER. FLUSH IT INTO DRAIN WITH LARGE VOLUMES OF COLD WATER. TRIPLE RINSE EMPTY CONTAINER WITH COLD WATER. DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS. ALL CHEMICALS ARE LISTED ON TSCA INVENTORY.

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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:

CONTAINS NO CHEMICALS WHICH MUST BE REPORTED UNDER SARA 313 REQUIREMENTS.

CARCINOGENICITY:

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

HMIS Ratings: Health: 3 Fire: 0 Reactivity: 2
Personal Protective Equipment: D

State Right-to-Know Information:

SODIUM CHLORIDE - CAS #7647-14-5

SODIUM NITRATE - CAS #7631-99-4

ALUMINUM GRANUALS - CAS #7429-90-5

MINERAL OIL - CAS #64742-06-9

SODIUM HYDROXIDE - CAS #1310-73-2

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.