

147 60-5

MSDS ID: 08882

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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Product Name: 147 60-5

Product Code: 08882

Product Function: ALKALINE CLEANER

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

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2. COMPOSITION/INFORMATION ON INGREDIENTS

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Ingredient Name(CAS Number)	%	Exposure Limits
SODIUM HYDROXIDE (1310-73-2)	49	TLV 2; PEL 2 (CEILING) MG/M3

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3. HAZARDS IDENTIFICATION

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Primary Routes of Entry

Inhalation: YES

Skin: YES

Ingestion: YES

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4. FIRST AID MEASURES

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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 ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

Inhalation: REMOVE TO FRESH AIR. GET MEDICAL ATTENTION.

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5. FIRE FIGHTING MEASURES

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Flash Point (degrees F): NONE

Unusual Fire or Explosion Hazards: POWDER CORROSIVE MATERIAL

Extinguishing Media: WATER SPRAY, CO2, DRY CHEMICAL

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

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6. ACCIDENTAL RELEASE MEASURES

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If Material is Released or Spilled:

CONTAIN SPILL. ABSORB SMALL AMOUNTS ON SAND OR CLAY. PLACE IN COMPATIBLE CONTAINER. NEUTRALIZE RESIDUE WITH DILUTE MINERAL ACIDS OR SODIUM BICARBONATE. CERCLA PRODUCT R.Q.: 2,041 LBS.

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**7. HANDLING AND STORAGE**

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STORE IN A COOL, DRY PLACE. KEEP OUT OF REACH OF CHILDREN. KEEP AWAY FROM ACIDS. WHEN DILUTING, ADD AND STIR SLOWLY TO AVOID VIOLENT SPATTERING AND HEAT GENERATION.

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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

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Eye/Face Protection: CHEMICAL GOGGLES, SIDE SHIELDED SAFETY GLASSES, OR FACE SHIELD

Protective Gloves: RUBBER OR CHEMICAL RESISTANT

Respiratory Protection: WEAR APPROVED CARTRIDGE RESPIRATOR TO MAINTAIN PEL/TLV IN MIST, SPRAY, OR DUSTY CONDITIONS.

Other Protective Clothing/Equipment: WEAR APRON, PROTECTIVE CLOTHING AND FOOTWEAR. LAUNDRER CLOTHES BEFORE REUSE. SAFETY SHOWER/EYE WASH.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

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Appearance and Odor: OFF WHITE GRANULAR POWDER WITH NO 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.): NONE Solubility in Water: N/A

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**10. STABILITY AND REACTIVITY**

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Chemical Stability: STABLE

Incompatibility With Other Materials: FLAMMABLE LIQUIDS, ACIDS, ORGANIC HALOGENS, ALUMINUM AND SOFT METALS.

Hazardous Decomposition Products: HYDROGEN GAS UPON CONTACT WITH ALUMINUM.

Hazardous Polymerization: None

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**11. TOXICOLOGICAL INFORMATION**

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Signs and Symptoms of Overexposure:

Acute: CAUSES BURNS TO EYES AND SKIN. INHALATION OF MISTS OR DUSTS IRRITATES OR CAUSES BURNS TO RESPIRATORY SYSTEM AND LUNG TISSUE. HARMFUL IF SWALLOWED.

Chronic: NO KNOWN HAZARDS

Medical Conditions Generally Aggravated by Exposure:

SENSITIVE SKIN, DUST OR MIST MAY AGGRAVATE RESPIRATORY DISEASE.

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**12. ECOLOGICAL INFORMATION**

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No data available.

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13. DISPOSAL CONSIDERATIONS

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DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, OR FEDERAL REGULATIONS. TRIPLE RINSE EMPTY CONTAINER, ADD RINSATE TO OPERATION. REMOVE OR DEFACE LABEL BEFORE SELLING, RECYCLING, OR DISPOSAL OF CONTAINER.

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14. TRANSPORT INFORMATION

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

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15. REGULATORY INFORMATION

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U.S. FEDERAL REGULATIONS:

CERCLA/EPCRA/313 Toxic Chemicals:

SODIUM HYDROXIDE 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

TETRASODIUM PYROPHOSPHATE - CAS #7722-88-5

SODIUM METASILICATE - CAS #6834-92-0

SODIUM TRIPOLYPHOSPHATE - CAS #7758-29-4

GLYCERINE - CAS #56-81-5

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16. OTHER INFORMATION

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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.