

HEAVY DUTY ACID CLEANER

MSDS ID: 09353

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: HEAVY DUTY ACID CLEANER

Product Code: 09353

Product Function: LIQUID ACID 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	
PHOSPHORIC ACID (7664-38-2)	5.3	TLV 1; PEL 1; STEL 3	MG/M3
NITRIC ACID (7697-37-2)	36	TLV 5; PEL 5	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.

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

Ingestion: GIVE WATER. DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

Inhalation: REMOVE TO FRESH AIR. IF DIFFICULT BREATHING, GIVE OXYGEN. GET MEDICAL ATTENTION.

5. FIRE FIGHTING MEASURES

Flash Point (degrees F): NONE

Unusual Fire or Explosion Hazards: STRONG ACIDIC LIQUID

Extinguishing Media: CO2, FOAM, WATER, DRY CHEMICAL

Fire Fighting Instructions: WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE GEAR TO PREVENT SKIN CONTACT WITH ACIDIC SOLUTIONS.

6. ACCIDENTAL RELEASE MEASURES

If Material is Released or Spilled:

DIKE SPILL. VACUUM OR ABSORB WITH CLAY OR SAND. PLACE IN AN APPROPRIATE COVERED CONTAINER. NEUTRALIZE RESIDUE WITH DILUTE ALKALI AND FLUSH TO SANITARY SEWER. PRODUCT R.Q. = (NITRIC ACID) 264 GALLONS

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7. HANDLING AND STORAGE

DO NOT PRESSURE CONTAINER TO EMPTY. KEEP CONTAINER CLOSED. KEEP OUT OF THE REACH OF CHILDREN. KEEP AWAY FROM CHLORINATED CLEANERS OR BLEACH. DO NOT STORE WITH FOOD. WHEN DILUTING, ADD SLOWLY WITH STIRRING TO AVOID VIOLENT SPLATTERING .

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye/Face Protection: GOGGLES WHEN POURING OR SPLASH HAZARD EXISTS
Protective Gloves: ACID RESISTANT
Respiratory Protection: IF PEL/TLV MAY BE EXCEEDED, USE A NIOSH APPROVED ACID MIST RESPIRATOR WITH A HIGH EFFICIENCY PARTICULATE FILTER.
Other Protective Clothing/Equipment: WEAR CHEMICAL APRON WHEN HANDLING

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: CLEAR RED LIQUID; PUNGENT ODOR
Boiling Point (F): 254 Freezing Point: Not Determined
Specific Gravity: 1.3000 pH: Not Determined
pH 1% SOLUTION: Not Determined
Volatile (% by Vol.): 48 Solubility in Water: 100

10. STABILITY AND REACTIVITY

Chemical Stability: STABLE
Incompatibility With Other Materials: CONCENTRATED ALKALIS, SOFT METALS, OR CHLORINATED COMPOUNDS
Hazardous Decomposition Products: NITROGEN AND PHOSPHORUS OXIDES
Hazardous Polymerization: None

11. TOXICOLOGICAL INFORMATION

Signs and Symptoms of Overexposure:
Acute: CAUSES BURNS TO SKIN AND EYES. MISTS CAUSE SEVERE IRRITATION TO SKIN, EYES, AND RESPIRATORY TRACT, PULMONARY EDEMA. CAUSES BURNS TO DIGESTIVE TRACT. MAY BE FATAL IF SWALLOWED.
Chronic: None Known.
Medical Conditions Generally Aggravated by Exposure:
SENSITIVE SKIN AND EYES, MAY AGGRAVATE RESPIRATORY DISEASE.

12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATIONS

USE UNTIL LESS THAN ONE INCH REMAINS IN CONTAINER, EMPTY CONTAINER. TRIPLE RINSE WITH WATER, ADD TO OPERATION. REMOVE OR DEFACE CONTAINER LABEL BEFORE SELLING, DISPOSAL, OR RECYCLE. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.

MATERIAL SAFETY DATA SHEET

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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:

NITRIC ACID IS NOT CONTAINED IN REPORTABLE FORM (AIRBORNE OR AEROSOL)

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:

PHOSPHORIC ACID - CAS #7664-38-2

WATER - CAS #7732-18-5

NITRIC ACID - CAS #7697-37-2

C.I. ACID RED 27 DYE - CAS #915-67-3

C.I. ACID RED 52 DYE - CAS #3520-42-1

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.