

KICK OFF

MSDS ID: 09358

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: KICK OFF

Product Code: 09358

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      |       |
|-----------------------------|----|----------------------|-------|
| SULFURIC ACID (7664-93-9)   | 16 | TLV 1; PEL 1         | MG/M3 |
| PHOSPHORIC ACID (7664-38-2) | 6  | TLV 1; PEL 1; STEL 3 | MG/M3 |
| NITRIC ACID (7697-37-2)     | 4  | TLV 5; PEL 5         | 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 AT LEAST 15 MINUTES. GET MEDICAL ATTENTION.

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

Ingestion: GIVE MILK OR 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: NONE KNOWN

Extinguishing Media: CO2, FOAM, 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. = (SULFURIC ACID) 656 GALLONS

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7. HANDLING AND STORAGE

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DO NOT PRESSURE CONTAINER TO EMPTY. KEEP CONTAINER CLOSED. KEEP FROM FREEZING. WHEN DILUTING, ADD SLOWLY TO WATER WITH STIRRING TO AVOID VIOLENT SPLATTERING OR HEAT GENERATION.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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Eye/Face Protection: GOGGLES WHEN POURING OR SPLASH HAZARD EXISTS

Protective Gloves: ACID RESISTANT MATERIALS

Respiratory Protection: USE NIOSH APPROVED RESPIRATOR IF PEL/TLV IS EXCEEDED.

Other Protective Clothing/Equipment: ACID RESISTANT CHEMICAL APRON WHEN HANDLING

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9. PHYSICAL AND CHEMICAL PROPERTIES

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Appearance and Odor: RED LIQUID; SHARP PUNGENT ODOR

Boiling Point (F): 221 Freezing Point: Not Determined

Specific Gravity: 1.1650 pH: Not Determined

pH 1% SOLUTION: Not Determined

Volatile (% by Vol.): 68 Solubility in Water: 100

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10. STABILITY AND REACTIVITY

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Chemical Stability: STABLE

Incompatibility With Other Materials: CONCENTRATED ALKALIS, SOFT METALS, OR CHLORINATED COMPOUNDS

Hazardous Decomposition Products: NITROGEN OXIDES

Hazardous Polymerization: None

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11. TOXICOLOGICAL INFORMATION

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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.

Chronic: SAME AS ACUTE

Medical Conditions Generally Aggravated by Exposure:

SENSITIVE SKIN AND EYES, 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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USE UNTIL LESS THAN ONE INCH REMAINS IN CONTAINER, EMPTY CONTAINER. TRIPLE RINSE CONTAINER WITH WATER, ADD TO OPERATION. REMOVE OR DEFACE CONTAINER LABEL BEFORE SELLING OR DISPOSAL. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. MAY BE TOXIC TO FISH OR AQUATIC LIFE.

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**MATERIAL SAFETY DATA SHEET**

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Replaces 8/12/03  
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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:****SULFURIC 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

SULFURIC ACID - CAS #7664-93-9

POLYALKOXY GLYCOL - CAS #9003-11-6

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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.