

SIFCO METACHEMICAL DIV OF SIFCO INDUSTRIES,INC. -- NO.10 ACTIVATING SIFCO DALIC SOLUTION;CODE 1031 -- 6810-01-197-7797

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Product Identification  
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Product ID:NO.10 ACTIVATING SIFCO DALIC SOLUTION;CODE 1031

MSDS Date:01/15/1996

FSC:6810

NIIN:01-197-7797

MSDS Number: CBSJB

=== Responsible Party ===

Company Name:SIFCO METACHEMICAL DIV OF SIFCO INDUSTRIES,INC.

Address:5708 SCHAAF ROAD

City:CLE

VELAND

State:OH

ZIP:44131-1394

Country:US

Info Phone Num:216-881-8600

Emergency Phone Num:216-881-8600, 216-363-7345

Preparer's Name:WERNER A. EHRENSCHNEIDER

CAGE:11924

=== Contractor Identification ===

Company Name:SIFCO SELECTIVE PLATING DIV OF SIFCO INDUSTRIES INC.

Address:5708 SCHAAF ROAD

Box:City:CLEVELAND

State:OH

ZIP:44131-1394

Country:US

Phone:216-524-0099/ FAX: -6331

CAGE:11924

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Composition/Information on Ingredients  
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Ingred Name:SULFURIC ACID (SARA 302/  
313) (CERCLA)

CAS:7664-93-9

RTECS #:WS5600000

Fraction by Wt: 10-20%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1 MG/M3

ACGIH TLV:1 MG/M3/3 STEL; 9596

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Fraction by Wt: 80-90%

Other REC Limits:NONE RECOMMENDED

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Hazards Identification  
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:YES OSHA:NO

Health Hazards A

cute and Chronic:\*\*CORROSIVE\*\* EYES:SEVERE IRRITATION OR DAMAGE.SKIN:SEVERE IRRITATION,BURNS AND ALLERGIC SKIN REACTIONS.INGEST:SEVERE AND PERMANENT GI TRACT IRRITATION.INHAL:RESPIRATORY IRRITATION AND DELAY HEALTH EF FECTS SUCH AS INFLAMMATION OF THE LUNGSAND CHEMICAL BRONCHITIS.CHRONIC:DAMAGE TO SKIN,EYES,RESPIRATORY SYSTEM,TEETH.

Explanation of Carcinogenicity:SULFURIC ACID MISTS ARE CLASSIFIED IARC-2B

Effects of Overexposure:INHAL:SNEEZING,NASAL DISCHARGE,COUGHING ,HEADACHES,DIZZINESS,NAUSEA,FATIGUE,DIFFICULTY BREATHING.

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN,EYE AND RESPIRATORY AILMENTS MAY BE AT INCREASED RISK FROM EXPOSURE.

===== First Aid Measures =====

First Aid:SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH WATER.EYES:FLUSH WITH WATER FOR 15 MINUTES.INHAL:REMOVE TO FRESH AIR.GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED.INGEST:DO NOT INDUCE VOMITING.GET PROMP T QU ALIFIED MEDICAL ATTENTION.

===== Fire Fighting Measures =====

Flash Point:NONE

Extinguishing Media:USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT.

Unusual Fire/Explosion Hazard:CONTACT WITH METALS MAY FORM EXPLOSIVE HYDROGEN GAS.CONTAINERS MAY BURST FROM HEAT OF FIRE.FIRE CONTROL WATER MAY CAUSE ENVIRONMENTAL DAMAGE.

===== Accidental Release Measures =====

Spill Release Procedures:DO NOT TOUCH OR WALK THROUGH SPILLED MATERIAL.EVACUATE AND VENTILATE AREA.ELIMINATE SOURCES OF IGNITION.USE PROPER RESPIRATORY AND PROTECTIVE EQUIPMENT.MOP OR VACUUM SPILL INTO A PLASTIC CONTAINER.DO NOT CONTAMINATE WATERCOURSES.

Neutralizing Agent:SODIUM BICARBONATE,SODA ASH/SLAKED LIME.

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN A COOL,DRY,WELL-VENTILATED

PLACE.KEEP CONTAINER CLOSED WHEN NOT IN USE.KEEP AWAY FROM HEAT,SPARKS,FLAMES AND INCOMPATIBLE MATERIALS.

Other Precautions:FOLLOW LABEL DIRECTIONS.AVOID BREATHING VAPORS.AVOID SKIN AND EYE CONTACT.

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===== Exposure Controls/Personal Protection =====

Respiratory Protection:WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN ENCLOSED SPACES USE EITHER A SELF-CONTAINED BREATHING APPARATUS OR A NIOSH/MSHA APPROVED RESPIRATOR FOR ACID GAS,DEPENDING ON THE AIRBOR N CONCENTRATION.

Ventilation:USE LOCAL EXHAUST.

Protective Gloves:NITRILE,NEOPRENE,VINYL,LATEX.

Eye Protection:CHEMICAL SPLASH GOGGLES

Other Protective Equipment:BOOTS,APRON AND PROTECTIVE CLOTHING,AS NEEDED.PROVIDE A LOCAL EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:WASH HANDS.SEPERATE WORK CLOTHES FROM STREET CLOTHES.LAUNDER WORK CLOTHES BEFORE REUSE.KEEP FOOD OUT OF THE WORK AREA.

Supplemental Safety and Health

THE RQ FOR SULFURIC ACID IS 1900 LITERS.

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===== Physical/Chemical Properties =====

HCC:C1

Boiling Pt:B.P. Text:>212F,>100C

Melt/Freeze Pt:M.P/F.P Text: