

HACH CO. -- IRON STANDARD SOLUTION 50 MG/L AS IRON -- 6810-01-008-3015

=====
Product Identification
=====

Product ID:IRON STANDARD SOLUTION 50 MG/L AS IRON

MSDS Date:10/02/1996

FSC:6810

NIIN:01-008-3015

MSDS Number: CHQLC

=== Responsible Party ===

Company Name:HACH CO.

Address:5600 LINDBERGH DR

Box:608

City:LOVELAND

State:CO

ZIP:80539-8902

Country:US

Info Phone Num:970-669-3050/800-227-4224

Emerg

ency Phone Num:303-623-5716/515-232-2533

CAGE:91224

=== Contractor Identification ===

Company Name:HACH CO

Address:5600 LINDBERGH DR

Box:389

City:LOVELAND

State:CO

ZIP:80539

Country:US

Phone:970-669-3050/ 303-623-5716

CAGE:91224

Company Name:HACH COMPANY

Address:100 DAYTON RD.

Box:907

City:AMES

State:IA

ZIP:50010

Country:US

Phone:800-227-4224

CAGE:4T252

Company Name:KAMPI COMPONENTS CO., INC.

Address:210 RT 13

Box:721

City:BRISTOL

State:PA

ZIP:19007-3517

Country:US

Phone:215-736-2000

Contract Nu

m:SP0450-97-M-D015
CAGE:7Z016

=====
Composition/Information on Ingredients
=====

Ingred Name:HYDROGEN CHLORIDE (HYDROCHLORIC ACID) (SARA 302/313)
(CERCLA)

CAS:7647-01-0
RTECS #:MW4025000

< Wt:1.
Other REC Limits:NONE RECOMMENDED

OSHA PEL:C 5 PPM
ACGIH TLV:C 5 PPM; 9596
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:FERRIC CHLORIDE HEXAHYDRATE

CAS:10025-77-1
RTECS #:NO5425000

< Wt:.1
Other REC Limits:NONE RECOMMENDED

Ingred Name:WATER

CAS:7732-18-5
RTECS #:

ZC0110000
Fraction by Wt: TO 100%

Other REC Limits:NONE RECOMMENDED
OSHA PEL:NOT RELEVANT
ACGIH TLV:NOT RELEVANT

=====
Hazards Identification
=====

Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYES- MAY CAUSE IRRITATION.
Effects of Overexposure:EYES- MAY CAUSE IRRITATION.
Medical Cond Aggravated by Exposure:NONE REPORTED.

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

=====
First Aid:EYES: IMMEDIATELY FLUSH WITH WATER FOR 15 MIN. CALL
PHYSICIAN. SKIN: WASH WITH SOAP AND PLENTY OF WATER. INHALATION:
NOT APPLICABLE. INGESTION: GIVE LARGE QUANTITIES OF WATER. CALL A
PHYSICIAN IMMEDIATELY.

=====
Fire Fighting Measures

Extinguishing Media:USE MEDIA APPROPRIATE TO THE SURROUNDING FIRE
CONDITIONS.

Fire Fighting Procedures:KEEP CONTAINERS COOL.

=====
Accidental Release Measures

Spill Release Procedures:COVER THE SPILL WITH EXCESS SODA ASH OR SODIUM
BICARBONATE. SCOOP SLURRY TO BEAKER. ADJUST PH TO BETWEEN 6 AND 9.
FLUSH TO DRAIN WITH EXCESS WATER. WASH SITE WITH AN ALKALI
SOLUTION.

Neutralizing Agent:SODA ASH OR SODIUM BICARBONATE

=====
Exposure Controls/Personal Protection

Ventilation:ADEQUATE VENTILATION.

Protective Gloves:DISPOSABLE LATEX GLOVES.

Eye Protection:LAB GRADE GOGGLES.

Other Protective Equipm
ent:NONE

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health
NONE

=====
Physical/Chemical Properties

HCC:N1

Boiling Pt:=100.C, 212.F

Spec Gravity:0.99

pH:1.1

Evaporation Rate & Reference:0.88 (NO REFERENCE)

Solubility in Water:MISCIBLE

Appearance and Odor:COLORLESS LIQUID. NO ODOR.

Corrosion Rate:AL:0.143 IN/YR

=====
Stability and Reactivity Data

Stability Indicator/Materials to Avoid:YES

ALKALIES

Stability Condition to Avoid:HEAT, EVAPORATION.

Hazardous Decomposition Products:NONE REPORTED.

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL,
STATE, AND LOCAL REGULATIONS.

=====

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department
of Defen

se. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.