

CALGON VESTAL LABORATORIES -- CCS-10 -- 6850-01-072-0979

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

Product ID:CCS-10

MSDS Date:06/11/1992

FSC:6850

NIIN:01-072-0979

MSDS Number: BGKLG

=== Responsible Party ===

Company Name:CALGON VESTAL LABORATORIES

Address:5035 MANCHESTER AVENUE

City:SAINT LOUIS

State:MO

ZIP:63110

Country:US

Info Phone Num:314-862-2000

Emergency Phone Num:314-535-1810

Preparer's Name:R.C.JENTE

CAGE:19410

=== Contractor Identification ===

Company Name

:CALGON CORP

Address:RT 60 AND CAMPBELLS RUN RD

Box:1346

City:PITTSBURGH

State:PA

ZIP:15230-1346

Country:US

Phone:412-494-8000

CAGE:86035

Company Name:STERIS CORPORATION, CALGON VESTAL DIV

Address:7501 PAGE AVE

Box:147

City:SAINT LOUIS

State:MO

ZIP:63166

Country:US

Phone:800-548-4873 / 314-535-1810

CAGE:19410

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

Ingred Name:SODIUM NITRITE (CERCLA)

CAS:7632-00-0

RTECS #:RA1225000

Fraction by Wt: 15%

Other REC Limits:NONE RECOMMEN

DED
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

Ingred Name:SODIUM BORATE, PENTAHYDRATE
CAS:12179-04-3
RTECS #:VZ2540000
Fraction by Wt: 4%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:10 MG/M3
ACGIH TLV:1 MG/M3; 9495

Ingred Name:SODIUM HYDROXIDE (CERCLA)
CAS:1310-73-2
RTECS #:WB4900000
Fraction by Wt: 1%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:2 MG/M3
ACGIH TLV:C 2 MG/M3; 9495
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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

Routes

of Entry: Inhalation:UNKNOWN Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE:IRRITATION OF EYES AND SKIN.
INGESTION MAY BE HARMFUL. MAY UPSET STOMACH. CHRONIC:DRYING OF
SKIN,DEFATTING OR DERMATITIS.
Explanation of Carcinogenicity:DATA PER MSDS
Effects of Overexposure:EYE & SKIN IRRITATION. MAYBE HARMFUL IF
SWALLOWED.
Medical Cond Aggravated by Exposure:NONE KNOWN

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

First Aid:INHALATION:REMOVE TO FRESH AIR. RESUSCITATE IF NOT BREATHING.
GET MEDICAL ATTENTION. EYES:IMMEDIATELY FLUSH WITH PLENTY OF WATER
FOR 15 MINUTES HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION.
SKIN:REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. IF
IRRITATION PERSISTS, GET MEDICAL ADVICE. INGESTION:DO NOT INDUCE
VOMITING. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. GET IMMEDIATE
MEDICAL ATTENTION.

===== Fire Fighting Measures

=====

Flash Point:>200F,>93C

Extinguishing Media:ANY MEDIA SUITABLE FOR SURROUNDING MATERIAL.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:NONE EXPECTED

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

Spill Release Procedures:USE PROPER PERSONAL PROTECTION;CONTAIN FREE MATERIA

L IF POSSIBLE;USE SUITABLE INERT ABSORBENT MATERIAL AND RECOVER FOR PROPER DISPOSAL IN AN APPROVED CONTAINER.

Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED AREA. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. PROTECT CONTAINERS FROM PHYSICAL DAMAGE.

Other Precautions:DO NOT TAKE INTERNALLY. DO NOT BREATHE MIST. AVOID PROLONGED OR REPEATED BREATHING OF VAPOR. AVOID CONTACT WITH EYES.

USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING.

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

Respiratory Protection:NORMALLY NOT REQUIRED WITH ADEQUATE VENTILATION.

Ventilation:NORMAL ROOM VENTILATION.

Protective Gloves:NEOPRENE, NITRILE, OR NATURAL RUBBER

Eye Protection:SAFETY GOGGLES WITH OPTIONAL FACE SHIELD

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER,WORK CLOTHING AND APRON AS REQUIRED.

Work Hy

gienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health

AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES. DO NOT BREATHE VAPORS OR MISTS.READ AND OBSERVE LABEL PRECAUTIONS.

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

HCC:T1

Vapor Pres:LIKE WATER

Vapor Density:LIKE WATER

Spec Gravity:1.16

pH: 12

Solubility in Water:COMPLETE

Appearance

and Odor: CLEAR, YELLOW LIQUID.
Percent Volatiles by Volume: 78

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid: YES
STRONG REDUCERS, ACIDS, AMINES.
Stability Condition to Avoid: KEEP FROM CONTACT WITH CLOTHING AND OTHER
COMBUSTIBLE MATERIALS. PROTECT FROM LOW TEMPERATURES.
Hazardous Decomposition Products: OXIDES OF NITROGEN, DISODIUM OXIDE.

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

Waste Disposal Methods:
ADD SODA ASH/SODIUM BICARBONATE, ADD CALCIUM
HYPOCHLORITE & WATER. LET STAND 2 HRS, NEUTRALIZE & FLUSH W/PLENTY
OF WATER. DISPOSE I/A/W ALL LOCAL, STATE, & FEDERAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department
of Defense. 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.