

CHIRON DIAGNOSTICS CORP -- 478857, WASH FOR 278 -- 6630-01-320-5627

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

Product ID:478857, WASH FOR 278

MSDS Date:01/16/1997

FSC:6630

NIIN:01-320-5627

Status Code:A

MSDS Number: CLDKL

=== Responsible Party ===

Company Name:CHIRON DIAGNOSTICS CORP

Address:63 NORTH ST

City:MEDFIELD

State:MA

ZIP:02052

Country:US

Info Phone Num:800-255-2121

Emergency Phone Num:800-255-2

121

Resp. Party Other MSDS Num.:P/N 103460 REVISION B

CAGE:JO058

=== Contractor Identification ===

Company Name:CHIRON DIAGNOSTICS CORP

Address:63 NORTH ST

City:MEDFIELD

State:MA

ZIP:02052

Country:US

Phone:800-255-2121

CAGE:JO058

Company Name:CIBA CORNING DIAGNOSTICS CORP A JOINT VENTURE

Address:63 NORTH ST

Box:City:MEDFIELD

State:MA

ZIP:02052-2308

Country:US

Phone:508-359-7711/ 800-255-8769

CAGE:51404

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

Ingred Name:INGREDIENTS

NOT DISCLOSED BASED ON CONCENTRATIONS LESS THAN  
1 % FOR MOST INGREDIENTS AND BELOW 0.1 % FOR CARCINOGENS AND  
REPRODUCTIVE TOXINS..

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

LD50 LC50 Mixture:NOT PROVIDED BY MFR

Routes of Entry: Inhalation:YES Skin:UNKNOWN Ingestion:YES

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

Health Hazards Acute and Chronic:SINCE THIS MIXTURE HAS NOT BEEN TESTED  
AS A WHOLE, THE HEALTH EFFECTS REPORTED ARE FOR THE INDIVIDUA

L

CHEMICAL INGREDIENTS. TARGET ORGANS: NOT ESTABLISHED. EYES:  
IRRITATION. SKIN CONTACT: IRRITATION. SKIN ABSORPTION: NOT  
ABSORBED THROUGH SKIN. INGESTION: MAY BE HARMFUL. INHALATION: MAY  
BE HARMFUL. CHRONIC: NOT ESTABLISHED.

Explanation of Carcinogenicity:CHEMICAL INGREDIENT(S) NOT CLASSIFIED AS  
CARCINOGEN(S) BY OSHA, IARC, NTP, ACGIH, CALIFORNIA, UK, OR  
GERMANY.

Effects of Overexposure:SINCE CHEMICAL INGREDIENTS ARE IN VERY LOW  
CONCENTRATIONS, SIGNIFICANT EXPOSURE

IS UNLIKELY UNDER NORMAL

CONDITIONS OF USE. EYES AND SKIN: IRRITATION. INGESTION AND  
INHALATION: MAY BE HARMFUL.

Medical Cond Aggravated by Exposure:NOT ESTABLISHED.

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

First Aid:EYES: FLUSH WITH WATER FOR A MINIMUM OF 15 MINUTES. SKIN:  
WASH WITH WATER FOR A FEW MINUTES. THEN CONTINUE TO FLUSH WITH  
WATER FOR A TOTAL OF 15 MINUTES. INHALATION: REMOVE TO FRESH AIR.  
INGESTION: CA LL A PHYSICIAN. AFTER FOLLOWING  
FIRST AID MEASURES,  
SEEK MEDICAL ATTENTION.

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

Flash Point:NOT FLAMMABLE

Lower Limits:NOT FLAMMABL

Upper Limits:NOT FLAMMABL

Extinguishing Media:USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:STANDARD FIRE-FIGHTING PRECAUTIONS SHOULD BE  
FOLLOWED WHEN TRYING TO EXTINGUISH ANY FIRE. WEAR FULL BUNKER GEAR,  
INCLUDING A POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS IN  
ANY ENCLOSED SPACE.

Unusual Fire/Explosion Hazard:NOT PROVIDED BY MFR.

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

Spill Release Procedures:ABSORB SPILL. WASH AREA WITH SOAP AND WATER.  
SPILLS MUST BE HANDLED BY TRAINED PERSONNEL. APPROPRIATE PERSONAL  
PROTECTIVE EQUIPMENT INCLUDES: EYE GOGGLES (FACE SHIELD ALSO , IF  
LARGE VOLUME), CHEMICAL RESISTANT GLOVES AND LAB COAT (CHEMICAL  
RESISTANT APRON OR SUIT, IF LARGE VOLUME). RESPIRATORY PROTECTION  
MAY BE REQUIRED IF EXPOSURE  
TO HAZARDOUS INGREDIENTS MAY EXCEED  
SAFE LIMITS.

Neutralizing Agent:NOT PROVIDED BY MFR

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

Handling and Storage Precautions:STORAGE TEMPERATURE (MIN. / MAX.) :  
SEE PRODUCT PACKAGE INSERT. AVOID CONTACT WITH EYES. AVOID  
PROLONGED OR REPEATED CONTACT WITH SKIN. WASH THOROUGHLY AFTER  
HANDLING. KEEP CONTAINER CLOSED WHEN NOT I N USE.

Other Precautions:NONE

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

Respiratory Protection:NOT NECESSARY. RESPIRATORY PROTECTION MAY BE  
REQUIRED IF EXPOSURE TO HAZARDOUS INGREDIENTS MAY EXCEED RECOGNIZED  
SAFE LIMITS.

Ventilation:HANDLE IN AN AREA WITH GOOD GENERAL ROOM VENTILATION.

Protective Gloves:CHEMICAL RESISTANT GLOVES FOR SKIN PROTECTION.

Eye Protection:SAFETY GLASSES WITH SIDE SHIELDS.

Other Protective Equipment:THIS PRODUCT SHOULD BE HANDLED IN ACCORDANCE  
WITH GOOD LABORATORY PRACTICES. STANDARD PERSONAL PROTECTIVE  
EQUIPMENT FOR

LABORATORY WORK INCLUDES SAFETY GLASSES AND LAB COAT.

Work Hygienic Practices:AVOID CONTACT WITH EYES AND PROLONGED OR  
REPEATED CONTACT WITH SKIN. WASH THOROUGHLY AFTER HANDLING. KEEP  
CONTAINER CLOSED WHEN NOT IN USE.

Supplemental Safety and Health

THIS MSDS ALSO COVERS: PART NUMBERS 473956, 478515, 478857,  
478861,478858, 473387, 570005.

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

HCC:N1

Decomp Temp:Decomp Text:NOT PROVIDED BY MFR

Vapor Density:NOT ESTABL

Spec Gravity:1.01  
Viscosity:NOT PROVIDED BY MFR  
Evaporation Rate & Reference:NOT PROVIDED BY MFR  
Solubility in Water:SOLUBLE.  
Appearance and Odor:CLEAR LIQUID, ODORLESS.  
Percent Volatiles by Volume:NOT PROVIDED  
Corrosion Rate:NOT PROVIDED BY MFR

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

Stability Indicator/Materials to Avoid:YES  
WATER REACTIVE MATERIALS SUCH AS ELEMENTAL SODIUM AND POTASSIUM.  
Stability Condition to Avoid:FEEEEZING OR BOILING THE PRODUCT.  
Hazardous  
Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE.

===== Toxicological Information =====

Toxicological Information:SINCE THIS MIXTURE HAS NOT BEEN TESTED AS A WHOLE, THE TOXICOLOGICAL INFORMATION REPORTED IS FOR THE INDIVIDUAL CHEMICAL INGREDIENTS. INFORMATION IS REPORTED ONLY FOR THOSE INGREDIENTS WHICH CAUSE THE PRODUCT TO BE CLASSIFIED AS HAZARDOUS ACCORDING TO EUROPEAN REGULATIONS. ACCORDING TO APPLICABLE REGULATIONS, THIS PRODUCT DOES NOT CONTAIN CHEMICAL INGREDIENTS CLASSIFIED AS HAZARDOUS OR IN SUFFICIE NT CONCENTRATIONS TO CLASSIFY THE PRODUCT AS HAZARDOUS.

===== Ecological Information =====

Ecological:SINCE THIS MIXTURE HAS NOT BEEN TESTED AS A WHOLE, THE ECOLOGICAL INFORMATION REPORTED IS FOR THE INDIVIDUAL CHEMICAL INGREDIENTS. INFORMATION IS REPORTED ONLY FOR THOSE INGREDIENTS WHICH CAUSE THE PR ODUCT TO BE CLASSIFIED AS HAZARDOUS ACCORDING TO EUROPEAN REGULA TIONS. ACCORDING TO APPLICABLE REGULATIONS, THIS PRODUCT DOES NOT CONTAIN CHEMICAL INGREDIENTS CLASSIFIED AS HAZARDOUS OR IN SUFFICIENT CONCENTRATIONS TO CLASSIFY THE PRODUCT AS HAZARDOUS.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE, LOCAL REGULATIONS. PRODUCT IS NOT CLASSIFIED AS HAZARDOUS WASTE BASED ON U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA) REGULATIONS (40 CFR 261). PRODU

CT DOE S NOT CONTAIN ANY CHEMICAL ON EPA TOXIC POLLUTANT LIST (40 CFR 401.15). TO DETERMINE PROPER DISPOSAL , CONSULT LOCAL, STATE, AND FEDERAL REGULATIONS.

===== MSDS Transport Information =====

Transport Information:ACCORDING TO DOT AND IATA, THE PRODUCT IS CLASSIFIED AS NON-HAZARDOUS.

===== Regulatory Information =====

Federal Regulatory Information:U.S. TSCA STATUS: THIS PRODUCT, WHICH IS A MEDICAL DEVICE, IS NOT A "CHEMICAL SUBSTANCE" UNDER TSCA.

State Regulatory Information:CALIFORNIA PROPOSITION 65: THE FOLLOWING STATEMENT IS MADE IN ORDER TO COMPLY WITH THE CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986: THIS PRODUCT DOES NOT CONTAIN A LISTED CALIFORNIA PROPOSITION 65 CARCINOGEN OR REPRODUCTIVE TOXIN.

===== Other Information =====

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.