

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

Product ID:QUICK FILL 540

MSDS Date:01/03/1995

FSC:7930

NIIN:01-398-0975

MSDS Number: CCQWD

=== Responsible Party ===

Company Name:AIRKEM PROFESSIONAL PRODUCTS DIV. OF ECOLAB INC.

Address:ECOLAB CENTER

City:ST. PAUL

State:MN

ZIP:55102

Country:US

Info Phone Num:800-247-5362

Emergency Phone Num:800-328-0026

CAGE:AIRKE

=== Contractor Identific

ation ===

Company Name:AIRKEM PROFESSIONAL PRODUCTS/DIV OF ECOLAB INC

Address:ECOLAB CENTER

City:ST. PAUL

State:MN

ZIP:55102

Country:US

Phone:800-328-0026

CAGE:AIRKE

Company Name:ECOLAB PROFESSIONAL PRODUCTS DIVISION OF ECOLAB INC.

Address:ECOLAB CENTER

Box:City:ST PAUL

State:MN

ZIP:55102

Country:US

Phone:800-352-5326

CAGE:85884

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

Ingred Name:POTASSIUM HYPOCHLORITE SOLUTION

CAS:7778-66-7

RTECS #:TT2825000

Fraction by Wt: 2.0%

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ther REC Limits:NONE RECOMMENDED
OSHA PEL:CHLORINE=3 MG/M3 C
ACGIH TLV:STEL = 3 MG/M3

Ingred Name:POTASSIUM HYDROXIDE (CERCLA)
CAS:1310-58-3
RTECS #:TT2100000
Fraction by Wt: 7.0%
Other REC Limits:NONE RECOMMENDED
ACGIH TLV:C 2 MG/M3
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Other REC Limits:NONE RECOMMENDED

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

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

Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:SKIN/EYES: CAUSES SEVERE CHEMICAL
BURNS. EYE CONTACT MAY CAUSE BLINDNESS. HARMFUL CONTACT MAY NOT
CAUSE IMMEDIATE PAIN. HARMFUL/FATAL IF SWALLOWED. CAUSES CHEM BURNS
OF MOUTH/THROAT/STOMACH. INHAL DAM AGES AIRWAYS/LUNGS DEPENDING ON
AMOUNT/DURATION OF EXPOSURE. EFFECTS CAN VARY FROM SLIGHT IRRIT TO
BRONCHITIS/PNEMONIA.

Medical Cond Aggravated by Exposure:ASTHMA, LUNG PROBLEMS.

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First Aid Measures =====

First Aid:EYES: IMMED FLUSH W/LOTS COOL RUNNING WATER. NO CONTACTS,
KEEP FLUSHING >15 MIN HOLDING LIDS OPEN TO RINSE ENTIRE EYE. CALL
DR. SKIN: IMMED FLUSH W/LOTS COOL RUNNING WATER >15 MIN. REMOVE
CONTAM CLOTH ES/WASH BEFORE REUSE. INGEST: RINSE MOUTH IMMED W/1-2
LG GLASSES WATER/MILK. DON'T INDUCE VOMITING. NEVER GIVE ANYTHING
BY MOUTH TO UNCONSCIOUS PERSON. INHALATION: IMED GET FRESH AIR.
CALL DR IMMED.

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=== Fire Fighting Measures =====

Extinguishing Media:THIS PRODUCT DOES NOT SUPPORT COMBUSTION
Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:DIKE OR DAM LARGE SPILLS. PUMP TO CONTAINERS
OR SOAK UP ON INERT ABSORBENT. FLUSH RESIDUE TO SANITARY SEWER.

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

Handling and Storage Precautions:USE SOLUTION PH: 12.5

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

Respiratory Protection:AVOID BREATHING MISTS OR VAPORS OF THIS PRODUCT.
Protective Gloves:RUBBER. PROTECT CUFF/GAUNTLET PREFERRED.
Eye Protection:CHEMICAL SPLASH GOGGLES*
Other Protective Equipment:*FOR CONTINUED EXPOSURE, WEAR SAFETY SHIELD
OVER GOGGLES.
Supplemental Safety and Health
AVOID CONTACT W/USE SOLUTIONS. THESE MAY ALSO BE HAZARDOUS.

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

Boiling Pt:B.P. Text:>212F,
>100C
Spec Gravity:1.15
pH:13.6
Solubility in Water:COMPLETE
Appearance and Odor:CLEAR, LIGHT YELLOW LIQUID, CHLORINE ODOR

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

Stability Indicator/Materials to Avoid:YES
DON'T MIX W/ACIDS OR AMMONIA. CAUSES HAZARDOUS VAPORS. REACTS VIOLENTLY
W/ACIDS. REACTS W/SOFT METALS (ALUMINUM,/ZINC).
Stability Condition to Avoid:DO NOT MIX W/ANYTHING BUT WATER.

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

Waste Di

Disposal Methods:UNUSED PRODUCT AS WASTE IS CORROSIVE (D002) BY
RCRA CRITERIA. CONSULT STATE & LOCAL AUTHORITIES FOR RESTRICTIONS
ON DISPOSAL OF CHEMICAL WASTE.

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