

WESTERN CHEMICAL CO -- CODE 241 STARCH INDICATOR SOLUTION -- 6810-01-434-6540

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

Product ID:CODE 241 STARCH INDICATOR SOLUTION

MSDS Date:10/18/1994

FSC:6810

NIIN:01-434-6540

MSDS Number: CDYKS

=== Responsible Party ===

Company Name:WESTERN CHEMICAL CO

Address:1345 TANEY

City:NORTH KANSAS CITY

State:MO

ZIP:64116-4414

Country:US

Info Phone Num:816-842-0560

Emergency Phone Num:800-424-9300(CHEMTREC)

Preparer's Name:FRED HOPKINS

CAG

E:08824

=== Contractor Identification ===

Company Name:WESTERN WATER MANAGEMENT/WESTERN CHEMICAL CO

Address:1345 TANEY

Box:City:NORTH KANSAS CITY

State:MO

ZIP:64116-4414

Country:US

Phone:816-842-0560

CAGE:08824

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

Ingred Name:STARCH

CAS:9005-25-8

RTECS #:GM5090000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:15 MG/M3 TDUST

ACGIH TLV:10 MG/M3; 9596

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

LD50 LC50 Mix

ture:NONE SPECIFIED BY MANUFACTURER.

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

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

Health Hazards Acute and Chronic:EYE:IRRIT.SKIN:PROL CONTACT/CONTACT
W/ABRADED SKIN MAY CAUSE IRRIT.INHAL:FUMES/ACID MIST CAN CAUE IRRIT
TO UPPER RESP SYS INCLUDE NOSE/MOUTH/THROAT.INGEST:MAY CAUSE IRRIT
TO MOUTH/THROAT/STOMACH.

Explanation of Carcinogenicity:PER MSDS:NONE OF INGREDIENTS PRESENT IN
PRODUCT AS 0.1% OR GREATER AS LISTED AS C

ARCINOGENS BY
NTP/IARC/OSHA.

Effects of Overexposure:EYE IRRIT, SKIN IRRIT, UPPER RESP SYSTEM IRRIT
INCLUDING NOSE/THROAT/MOUTH. IRRIT STOMACH/THROAT/MOUTH.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYE:IMMED FLUSH W/PLENTY OF WATER CONTINUOUSLY FOR @LEAST
15MINS.OPN EYELIDS.RINSING EYES W/IN 1MIN & NOT LESS THAT 15MINS
ESSENTIAL TO ACHIEVE MAX EFFECTIVENESS.GET EMERG MED

TREAT.SKIN:FLUSH W/WATER .REMOVE CONTAM CLOTH/FOOTWEAR.GET EMERGMED
TREAT IF PERSISTENT IRRIT OCCURS.INHAL:REMOVE TO FRESH AIR.OBSERVE
FOR POSSIBLE DELAYED REACTION.BREATH STOP GIVE ART RESP;BREATH
DIFFIC GIVE OXY.(SUPPLEM)

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

Autoignition Temp:Autoignition Temp Text:NP

Lower Limits:NOT APPLICAE

Upper Limits:NOT APPLICAE

Extinguishing Media:WATER SPRAY, DRY CHEMICAL, CARBON DIOXIDE.

Fire Fighting Procedures:FIREFIG

HTERS SHOULD ALWAYS WEAR PROTECTIVE

CLOTHING & POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS
WHEN FIGHTING FIRES NEAR CHEMICALS.

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

Spill Release Procedures:PERSONS PERFORMING CLEANUP WORK SHOULD WEAR
ADEQUATE PERSONAL PROTECTIVE EQPMT & CLOTH.SMALL SPILLS OF TEST
CHEMS MAY BE FLUSHED T SEWER W/EXCESS OF TAP WATER UNLES SLOC
RESTRICTIONS SPECIFICALLY PREV ENT SUCH ACTION.WASH SPILL AREA
THROUGHLY.

N

neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:DONT GET IN EYE/SKIN/CLOTHING.DONT BREATH MIST/USE W/ADEQUATE VENTILATION & USE PROTECTIVE EQPMT. Other Precautions:A WATER SOURCE & SHOWER SHOULD BE INSTALLED IN STORAGE & WORKAREAS.STORE IN COOL AREA AWAY FROM INCOMPATIBLE MATLS.KEEP CNTNR TIGHTLY CLOSED WHEN NOT IN USE.PROTECT CONTAINER FROM PHYSICAL DAMAGE.

===== Ex
posure Controls/Personal Protection =====

Respiratory Protection:NOT REQUIRED UNDER NORMAL USE CONDITIONS.
Ventilation:NORMAL BUILDING VENTILATION IS ADEQUATE.
Protective Gloves:RUBBER GLOVES
Eye Protection:SAFETY GLASSES
Other Protective Equipment:EMERGENCY EYE WASH STATION & LONG SLEEVED CLOTHING.
Work Hygienic Practices:WASH THOROUGHLY AFT HDNLG.WASH CONTAMIN CLOTH BEF REUSE.
Supplemental Safety and Health
1ST AID:GET EMERG MED ATTN.INGEST:CONSC PATIENT RINSE MOUTH/THROAT.DONT SWALLOW RINSE WATER.DRINK LG GLASS OF WATER FOR DILUTION.DONT INDUCE VOMIT.CONTACT POIS CNTRL CNTNR FOR FURTHER GUIDANCE.GET IMMED MED ATTN.

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

HCC:N1
Boiling Pt:B.P. Text:>212F,>100C
Melt/Freeze Pt:M.P/F.P Text:NP
Decomp Temp:Decomp Text:NP
Vapor Pres:WATER
Vapor Density:WATER
Spec Gravity:1.02
pH:4.8
Viscosity:NP
Evaporation Rate & Reference:THAT OF WATER
Solubility in Water:COMPLETE
Appearance and Odor:CLEAR

LIQUID, ODOR SIMILAR TO ACETIC ACID

Percent Volatiles by Volume:99

Corrosion Rate:NP

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

Stability Indicator/Materials to Avoid:YES

NONE KNOWN

Stability Condition to Avoid:NONE KNOWN

Hazardous Decomposition Products:OXIDES OF POTASSIUM AND/OR
IODINE,POSSIBLY ALSO FREE OR IONIC IODINE.

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

Waste Disposal Methods:CONTAINS NO SARA TITLE III SEC 313 CHEMS.RQ:NOT

APPLICABLE.DISPOSE OF WASTE IAW ALL LOCAL, STATE AND FEDERAL
REGULATIONS REGARDING HEALTH & POLLUTION.

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