

MATERIAL SAFETY DATA SHEET



NFPA RATING

HEALTH: 3 FLAMMABILITY: 0 REACTIVITY: 1

DATE PREPARED: MAY 1, 1990

MFSA EMERGENCY NUMBER: 1-313-644-5626

PRODUCT NAME

YCL-71

CAMCHEM

5150 MERRIMAN ROAD

P.O. BOX 4143

JACKSON, MI 49201

(517)789-0123

HAZARDOUS INGREDIENTS

COMPONENT	CAS #	OSHA PEL	ACGIH TLV	SARA TITLE III	PERCENT
SODIUM BICHROMATE	10588-01-9	N/A	0.1 mg/m3	YES	< 20
CHROMIC ACID	7738-94-5	1 mg/m3	1 mg/m3	YES	< 20
SULFURIC ACID	7764-93-9	1 mg/m3	1 mg/m3	YES	< 5
NITRIC ACID	7697-37-2	N/A	5 mg/m3	YES	< 30

PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: >212	SPECIFIC GRAVITY (water=1): 1.3
MELTING POINT: N/A	EVAPORATION RATE (water=1): < 1
SOLUBILITY IN WATER: COMPLETE	ODOR: CHARACTERISTIC ACIDIC
APPEARANCE	DARK RED LIQUID

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A (method used)	FLAMMABLE LIMITS: NON FLAMMABLE
EXTINGUISHING MEDIA	WATER SPRAY

SPECIAL FIRE FIGHTING PROCEDURES

SELF CONTAINED OR CLEAN AIR SUPPLIED BREATHING APPARATUS AND PROTECTIVE CLOTHING SHOULD BE WORN.

UNUSUAL FIRE AND EXPLOSIVE HAZARDS

POWERFUL OXIDIZER, MAY IGNITE COMBUSTIBLES.

REACTIVITY DATA

DECOMPOSITION: TOXIC GASSES

MATERIALS TO AVOID CONTACT

NONE

KEEP AWAY FROM COMBUSTIBLES.

POLYMERIZATION: WILL NOT OCCUR

STABILITY: STABLE

HEALTH HAZARD DATA

ROUTE(S) OF ENTRY

INHALATION?

YES

SKIN? YES

INGESTION? YES

CARCINOGENICITY: CHROMIC ACID

THIS MATERIAL CONTAINS THE ABOVE SUBSTANCE(S) WHICH IS A NTP AND IARC MONOGRAPHS LISTED CARCINOGEN.

SIGNS AND SYMPTOMS OF EXPOSURE

EYE IRRITANT, CAN CAUSE BURNS.

SKIN IRRITANT, MAY CAUSE BURNS.

IRRITATING TO MUCOUS MEMBRANES.

MAY BE FATAL IF SWALLOWED.

EMERGENCY AND FIRST AID PROCEDURES

EYES: FLUSH WITH WATER FOR 15 MINUTES AND SEEK MEDICAL ATTENTION.

SKIN: WASH WITH WATER, REMOVE CONTAMINATED CLOTHING AND CONTACT A PHYSICIAN.

INHALATION: REMOVE PERSON TO FRESH AIR AND SEEK MEDICAL ATTENTION.

POISON! IF SWALLOWED, GIVE MAGNESIA OR WHITING SUSPENDED IN WATER. FOLLOW WITH AN EMETIC. CALL PHYSICIAN.

CONSULT A PHYSICIAN WHEN ANY OF THESE SYMPTOMS PERSISTS.

PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE OF SPILL

NEUTRALIZE WITH LIME OR SODA ASH, APPLY ABSORBANT COMPOUND AND DISPOSE. FLUSH REMAINDER WITH WATER.

WASTE DISPOSAL PROCEDURE

DISPOSE OF IN ACCORDANCE TO FEDERAL, STATE AND LOCAL REGULATIONS CONCERNING CHROMATES.

HANDLING AND STORING PRECAUTIONS

STORE AWAY FROM ORGANICS, ALWAYS KEEP CONTAINER CLOSED.

STORE IN COOL DRY AREA, ALWAYS KEEP CONTAINER CLOSED.

OTHER PRECAUTIONS

POISON! DO NOT INGEST.

PRODUCT NAME: YCL-71

CONTROL MEASURES

RESPIRATORY: MIST TYOE

VENTILATION: LOCAL EXHAUST

GLOVES: RUBBER/NEOPRENE

EYES: SPLASH GOGGLES

OTHER RUBBER APRON AND BOOTS

DOT INFORMATION

DOT PROPER SHIPPING NAME:
CORROSIVE LIQUID, NOS

CHROMIC, NITRIC, SULFURIC ACID

HAZARD CLASS: CORROSIVE MATERIAL

ID NUMBER: UN 1760

PRECAUTIONARY LABELS:

THIS MATERIAL IS CORROSIVE, WEAR PROTECTIVE CLOTHING AND USE CAUTION WHEN HANDELING.

THIS MATERIAL IS A STRONG OXIDIZER. WEAR PROTECTIVE CLOTHING AND USE CAUTION WHEN HANDELING.

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