

SAFETY DATA SHEET

MAY BE USED TO COMPLY WITH OSHA'S HAZARD COMMUNICATION STANDARD, 29 CFR 1910.1200. STANDARD MUST BE CONSULTED FOR SPECIFIC REQUIREMENTS.

U.S. DEPARTMENT OF LABOR
 OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
 (NONMANDATORY FORM) FORM APPROVED OMB NO. 1218-0072.

SECTION 1 – PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME OR NUMBER (AS IT APPEARS ON LABEL)

SYNONYM

Tool-X 703

MANUFACTURER'S NAME

EMCO CHEMICAL, INC.

ADDRESS (NUMBER, STREET, CITY, STATE, & ZIP CODE)

4470 LAWTON ST., DETROIT, MICH., 48208-2198

DATE PREPARED: 10/14/15

EMERGENCY TELEPHONE NO.

1 . 313 . 894 . 7650

MANUFACTURER'S D-U-N-S NO.

005347778

SIGNATURE OF PREPARER

E. Davies

SECTION 2 – HAZARDS IDENTIFICATION

GHS CLASSIFICATION:

SPECIFIC TARGET ORGAN TOXICITY – REPEATED EXPOSURE CATEGORY 2

LABEL ELEMENTS:

SKIN IRRITANT

WARNING!



HAZARD PHRASES

N/A

Precautionary Statement

Do not breathe vapors.

Wear Protective gloves.

Do not eat, drink or smoke when using this product.

Wash hands thoroughly after handling.

Dispose of in accordance with local, regional, national, international regulations as specified.

First Aid

If exposed call Poison Center.

If on skin (on hair): Take off immediately any contaminated clothing. Rinse skin with water.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

CAS REGISTRY NO.	% W	% V	CHEMICAL NAME(S)	LISTED AS A CARCINOGEN IN NTP, (ARC OR OSHA 1910(Z) (SPECIFY)
64742-52-5	1 - 10		NAPHTHENIC OIL	N.A.
			IF MISTED: 5 MG/M ³ OSHA PEL), 5 MG/M ³ (ACGIH TLV)	
UNIDENTIFIED INGREDIENTS ARE CONSIDERED NOT HAZARDOUS UNDER FEDERAL HAZARD COMMUNICATION STANDARD (29CFR 1010-1200)				
SPECIFIC CHEMICAL IDENTITY OF CHEMICAL COMPOSITION HAS BEEN WITHHELD AS A TRADE SECRET.				
EXACT PERCENTAGE OF COMPOSITION HAS BEEN WITHHELD AS TRADE SECRET.				

SECTION 4 – FIRST AID MEASURES

EMERGENCY AND FIRST AID PROCEDURES

EYES: FLUSH WITH COPIOUS AMOUNTS OF WATER.

SKIN: WASH WITH SOAP AND WATER.

INGESTION: CONSULT A PHYSICIAN.

INHALATION: REMOVE TO FRESH AIR.

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SECTION 5 – FIRE FIGHTING MEASURES

FLASH POINT	METHOD USED	FLAMMABLE LIMITS	NA	LEL	UEL
N/A	N/A			NOT. DET.	NOT. DET.
EXTINGUISHING MEDIA N/A					
SPECIAL FIRE FIGHTING PROCEDURES N/A					
UNUSUAL FIRE AND EXPLOSION HAZARDS N/A					

SECTION 6 – ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED **CONTAIN SPILL. REMOVE WITH GROUNDED SUCTION PUMP TO SALVAGE CONTAINER. DO NOT FLUSH TO SEWERS. COVER WITH ABRASIVE / ABSORBENT MATERIAL TO AVOID SLIPPERY SURFACES.**

CERCLA (Superfund) REPORTABLE QUANTITY (in lbs.)	N/A
RCRA HAZARDOUS WASTE NO. (40 CFR 261.33)	TREAT AS OILY WASTE AS LOCAL, STATE, FEDERAL REGULATIONS PERMIT.
VOLATILE ORGANIC COMPOUND (VOC) (as packaged, minus water)	N/A
= Theoretical	lb. Gal N/A
	Analytical
	lb. Gal N/A

SECTION 7 – HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING **KEEP FROM FREEZING FOR EASE IN HANDLING**

OTHER PRECAUTIONS **GOOD PERSONAL HYGIENE SHOULD ALWAYS BE PRACTICED.**

SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION

RESPIRATORY PROTECTION (SPECIFY TYPE)	NONE DEEMED NEEDED.
VENTILATION	LOCAL EXHAUST (Specify Rate) ONLY IF MISTED. SPECIAL N/A
	MECHANICAL (General) (Specify Rate) ONLY IF MISTED. OTHER N/A
PROTECTIVE GLOVES (Specify Type) OIL/WATER RESISTANT	EYE PROTECTION (Specify Type) CHEMICAL GOGGLES
OTHER PROTECTIVE EQUIPMENT NONE NORMALLY NEEDED. GOOD PERSONAL HYGIENE SHOULD ALWAYS BE PRACTICED.	

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE, ODOR AND ODOR THRESHOLD	
AMBER LIQUID, TRANSPARENT SOLUTION, BLAND ODOR	
pH = 9.3 (@10%)	MELTING POINT
BOILING POINT 210° F	FLASH POINT N/A
EVAPORATION RATE N/A	FLAMMABILITY N/A
UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS N/A	
VAPOR PRESSURE N/A	
VAPOR DENSITY N/A	RELATIVE DENSITY 1.01
SOLUBILITY IN WATER COMPLETE	
PARTITION COEFFICIENT: N/A	
AUTO IGNITION TEMPERATURE N/A	DECOMPOSITION TEMPERATURE N/A
VISCOSITY N/D	

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SECTION 10 – STABILITY AND REACTIVITY

STABILITY UNSTABLE CONDITIONS TO AVOID N/A
STABLE X
INCOMPATIBILITY (MATERIALS TO AVOID) MINERAL ACIDS WILL DESTROY EMULSION
HAZARDOUS DECOMPOSITION PRODUCTS: OXIDES OF CARBON, NITROGEN.
HAZARDOUS MAY OCCUR CONDITIONS TO AVOID N/A
POLYMERIZATION WILL NOT OCCUR X

SECTION 11 – TOXICOLOGICAL INFORMATION

ROUTE(S) OF ENTRY; INHALATION SKIN INGESTION
HEALTH HAZARDS (ACUTE AND CHRONIC) NO ADVERSE ACUTE OR CHRONIC EFFECTS WHEN USED AS RECOMMENDED.
CARCINOGENICITY: NO NTP NO IARC MONOGRAPHS NO OSHA REGULATED NO
SIGNS AND SYMPTOMS OF EXPOSURE: THIS IS NOT A PRIMARY SKIN IRRITANT; HOWEVER, SKIN IRRITATION MAY OCCUR IF USED IMPROPERLY.
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: MAY AGGRAVATE EXISTING SKIN IRRITATION WHERE FURTHER DEFATTING OR SKIN PENETRATION COULD OCCUR.

SECTION 12 – ECOLOGICAL INFORMATION

ENVIRONMENTAL EFFECTS UNKNOWN

SECTION 13 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD
TREAT AS OILY WASTE AS FEDERAL, STATE AND LOCAL REGULATIONS PERMIT.

SECTION 14 – TRANSPORTATION INFORMATION

PROPER SHIPPING NAME:
HAZARDOUS MATERIALS:
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING
AVOID HIGH HEAT OR OPEN FLAME. KEEP FROM FREEZING FOR EASE IN HANDLING

SECTION 15 – REGULATORY INFORMATION

CERCLA (Superfund) REPORTABLE QUANTITY (in lbs.) N/A
RCRA HAZARDOUS WASTE NO. (40 CFR 261.33) N/A
VOLATILE ORGANIC COMPOUND (VOC) (as packaged, minus water) N/A
= Theoretical lb. Gal N/A Analytical lb. Gal N/A

SECTION 16 – OTHER INFORMATION

OTHER PRECAUTIONS: GOOD PERSONAL HYGIENE SHOULD ALWAYS BE PRACTICED.

Name (print) EMRYS J. DAVIES
Signature Emrys J. Davies
Title PRESIDENT
Date 4/15/15