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301 TWEEDSMUIR AVE LONDON, ONTARIO CANADA

PRODUCT NAME : **CYTRUS TURBO**

SECTION 01 : CHEMICAL PRODUCT and COMPANY IDENTIFICATION

MANUFACTURER : Same as above
 PREPARED BY : Production Department
 TELEPHONE NO. : (519) 902 6227
 EMERGENCY PHONE NUMBER : As above or call CANUTEC (613) 996 6666

MATERIAL USE : Please refer to technical literature

SECTION 02 : HAZARDS IDENTIFICATION

GHS Classification: This product is classified as a skin corrosion category 1 / serious eye damage category 1 / Acute toxicity 5 / Skin sensitization category 1

LABEL Information:



DANGER

Causes skin burns and serious eye damage. May be harmful if swallowed. May cause an allergic skin reaction.

Precautions: Wash hands thoroughly after handling. Wear protective gloves / clothing and eye / face protection. Do not breath spray or mists. Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace.

Response:

IF IN EYES : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

IF ON SKIN: Take off contaminated clothes and wash before reuse. Wash skin with plenty of soap and water / shower. If skin irritation or rash occurs get medical attention/advice.

IF SWALLOWED: Rinse mouth. Do not induce vomiting.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Get immediate medical attention.

Store locked up. Dispose of contents / container in accordance with local regulations.

SECTION 03 : COMPOSITION / INFORMATION on HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	CONC. APPROX.%(WT.)	C.A.S #
Linear Alcohol Ethoxylate	1 - 5	68131-39-5
Sodium laurether sulfate	1 - 5	9004-82-4
Potassium Hydroxide	1 - 5	1310-58-3
D Limonene	1 - 5	5989-27-5
EDTA	.1 - 1	64-02-8

Any concentration shown as a range is due to batch variation or is to protect confidentiality.

SECTION 04 : FIRST AID MEASURES

INSTRUCTIONS: For contact with skin, rinse with water. Remove and wash contaminated clothing before reuse. For eye contact, flush eyes with large amounts of water for 15 minutes. If irritation persists seek medical attention. If ingested, give 2 glasses water; and do not induce vomiting ; seek immediate medical attention. In case of inhalation of mist, remove to fresh air.

PRIMARY SYMPTOMS /ROUTE OF ENTRY:

SKIN CONTACT	May cause severe irritation or burns. may cause allergic skin reaction.
EYE CONTACT	Causes severe irritation or burns to eyes
INHALATION	Mists may cause irritation of nasal passages and respiratory tract
INGESTION	May cause gastrointestinal discomfort or more harmful effects

SECTION 05: FIRE AND EXPLOSION HAZARD AND FIRE FIGHTING MEASURES

FLAMMABILITY: NO
 IF YES , UNDER WHICH CONDITIONS:
 EXTINGUISHING MEDIA: N.Ap.
 SPECIAL PROCEDURES: N.Ap.
 HAZARDOUS COMBUSTION PRODUCTS: N.Ap.
 UNUSUAL FIRE AND EXPLOSION HAZARDS: NIL
 SENSITIVITY TO MECHANICAL IMPACT: NIL SENSITIVITY TO STATIC DISCHARGE: NIL

SECTION 06: ACCIDENTAL RELEASE MEASURES

LEAK AND SPILL PROCEDURE: For small quantities, use absorbents or flush with water if permissible according to local regulations. For large spill, contain the spill so as to prevent runoff into sewage system. Recover as much as possible using any convenient means.

SECTION 07 HANDLING AND STORAGE

HANDLING PROCEDURES AND EQUIPMENT: Avoid contact with skin, eyes and clothing. Keep container closed when not in use.
 STORAGE REQUIREMENTS: Store at room temperature. Keep from freezing.

SECTION 08 PERSONAL PROTECTIVE EQUIPMENT / EXPOSURE CONTROLS

GLOVES / TYPE: Chemical resistant
 RESPIRATOR / TYPE: Mist filter APR if spraying.
 EYE / TYPE: Safety glasses or goggles
 CLOTHING /TYPE: Appropriate for the use environment
 OTHER / TYPE: Have access to eye bath and safety shower
 ENGINEERING CONTROLS: General ventilation is normally adequate.
 CONTROL PARAMETERS: Citrus Terpenes 8hr TWA= 30 ppm (AIHA standard)

SECTION 09 PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE / APPEARANCE: Clear green liquid	ODOUR: Citrus
ODOUR THRESHOLD: Not available	SPECIFIC GRAVITY : 1.04
VAPOUR PRESSURE (mm Hg @ 20C): 17.4	VAPOUR DENSITY (Air = 1) : < 1
EVAPORATION RATE (WATER = 1) : < 1	FREEZING POINT (C): 0
BOILING POINT INIT / RANGE (C): >100 / N.Av.	SOLUBILITY IN WATER (% W/W): 100
pH (% SOLUTION): 13.0 (pure)	% VOLATILE (WT): 80
FLASH POINT (C): N.Ap.	FLAMMABILITY: Nil
LEL / UEL LIMITS (% by vol): LEL: N.Ap. UEL :	DECOMPOSITION TEMP (C): N.Ap.
AUTO IGNITION TEMP(C): N.Ap.	VISCOSITY: ~ water
PARTITION COEFF. n-octanol/water: N.Av.	

SECTION 10: STABILITY AND REACTIVITY

CHEMICALLY STABLE: Yes
 IF NO, UNDER WHICH CONDITIONS? :
 INCOMPATIBILITY WITH OTHER SUBSTANCES : Yes
 IF YES, WITH WHICH ONES? : Acidic materials.
 SPECIAL REACTIVITY AND UNDER WHAT CONDITIONS: N.Av.
 HAZARDOUS DECOMPOSITION PRODUCTS: None
 SENSITIVITY TO SHOCK or STATIC DISCHARGE: None

SECTION 11: TOXICOLOGICAL INFORMATION

EXPOSURE LIMIT OF MATERIAL : Citrus Terpenes 8hr TWA= 30 ppm (AIHA standard)
 LC 50 OF MATERIAL, SPECIES AND ROUTE : N.Av.
 LD 50 OF MATERIAL, SPECIES AND ROUTE : > 4.3 gm/kg (Rat) ATE mix
 CARCINOGENICITY OF MATERIAL: No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC, OSHA, NTP, ACGIH
 OTHER TOXIC EFFECTS : No data available to indicate product or any components present at greater than 0.1% are mutagenic or teratogenic or have reproductive effects.

PRIMARY SYMPTOMS /ROUTE OF ENTRY:

SKIN CONTACT	May cause severe irritation or burns. May cause allergic skin reaction.
EYE CONTACT	May cause severe irritation or burns
INHALATION	Mists may cause irritation of nasal passages and respiratory tract
INGESTION	May cause gastrointestinal discomfort or more harmful effects
SENSITIZING CAPABILITY OF MATERIAL :	N.Av.
SYNERGISTIC MATERIALS :	N.Av.

SECTION 12: ECOLOGICAL CONSIDERATIONS

ECOTOXICITY: N.Av.
PERSISTANCE & DEGRADABILITY: All components are readily biodegradable.
BIOACCUMULATIVE POTENTIAL: Anticipated to be low
MOBILITY IN SOIL: N.Av.
OTHER ADVERSE EFFECTS: N.Av.
AQUATIC TOXICITY: Calculated Product 96 H LC50 for fish approx. < 13 mg/ L

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL : In accordance with municipal, provincial and federal regulations

SECTION 14: TRANSPORT INFORMATION

T.D.G. CLASSIFICATION : NOT REGULATED
UN NUMBER :
PACKING GROUP :

SECTION 15: REGULATORY INFORMATION

WHMIS CLASSIFICATION: D2B/E GHS CLASSIFICATION: See section 2
CPR COMPLIANCE: This product has been classified in accordance with the hazard criteria of the GHS and the SDS contains all the information required by the HPR.

SECTION 16: OTHER INFORMATION

ABBREVIATIONS USED : N.Av. = Not Available N.Ap. = Not applicable L(U)EL = Lower(Upper) explosion limit

PREPARATION DATE : 15 / 03 / 2018