

**SECTION 01 :****IDENTIFICATION**

**CARTIER CHEMICALS Ltd.**  
**2610A Boul. J B Deschamps, Lachine, Quebec, H8T 1C8, CANADA**

**PRODUCT NAME : VYTAC FNC**

MANUFACTURER : Same as above

PREPARED BY : Production Department

TELEPHONE NO. : (514) 637 4631 or (800) 361 9432

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 irritant category 2 and an eye irritant category 2A

**LABEL Information:**

**WARNING**

**Causes serious eye irritation. Causes skin irritation.**

**Precautions:** Wash hands thoroughly after handling. Wear eye protection and protective gloves.

**Response:** IF IN EYES : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists get medical advice/attention.

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

IF SWALLOWED: Rinse mouth. Get medical attention if you feel unwell.

**SECTION 03 : COMPOSITION / INFORMATION on HAZARDOUS INGREDIENTS**

HAZARDOUS INGREDIENTS	CONC. APPROX.% (wt/wt)	C.A.S #
Urea Phosphate	1 - 5	4861-19-2
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 mild irritation

EYE CONTACT

May cause serious irritation

INHALATION

Mists may cause irritation of nasal passages

INGESTION

May cause gastrointestinal discomfort

**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

<b>SECTION 06: ACCIDENTAL RELEASE MEASURES</b>
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LEAK AND SPILL PROCEDURE: Wear gloves and eye protection. Absorb with granular or synthetic absorbents and dispose of residues according to local regulations.

<b>SECTION 07: HANDLING AND STORAGE</b>
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HANDLING PROCEDURES AND EQUIPMENT: Avoid contact with skin and eyes. Keep container closed when not in use.  
 STORAGE REQUIREMENTS: Store in cool location. Keep from freezing.  
 INCOMPATIBILITIES: See section 10

<b>SECTION 08: PERSONAL PROTECTIVE EQUIPMENT / EXPOSURE CONTROLS</b>
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CONTROL PARAMETERS: N/Ap  
 GLOVES / TYPE: Chemical resistant  
 EYE / TYPE: Protective glasses or goggles  
 OTHER / TYPE: Have access to eye bath and safety shower  
 ENGINEERING CONTROLS: Natural ventilation is adequate

<b>SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES</b>
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PHYSICAL STATE / APPEARANCE: Clear red, green or blue liquid	ODOUR: None
ODOUR THRESHOLD: Not available	SPECIFIC GRAVITY : 1.15
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): ~2.5 ( pure)	% VOLATILE (WT): 52
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.	

<b>SECTION 10: STABILITY AND REACTIVITY</b>
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CHEMICALLY STABLE: Yes  
 IF NO, UNDER WHICH CONDITIONS? :  
 INCOMPATIBILITY WITH OTHER SUBSTANCES : Yes  
 IF YES, WITH WHICH ONES? : Strong alkaline materials will deactivate VYTAC FNC  
 SPECIAL REACTIVITY AND UNDER WHAT CONDITIONS: N.Av.  
 HAZARDOUS DECOMPOSITION PRODUCTS: N.Av.  
 SENSITIVITY TO SHOCK, VIBRATION or STATIC DISCHARGE: None

<b>SECTION 11: TOXICOLOGICAL INFORMATION</b>
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EXPOSURE LIMIT OF MATERIAL : N.Av.  
 LC 50 OF MATERIAL, SPECIES AND ROUTE : N.Av.  
 LD 50 OF MATERIAL, SPECIES AND ROUTE : 10.88 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  
 REPRODUCTIVE EFFECTS : No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.  
 PRIMARY SYMPTOMS /ROUTE OF ENTRY:  
 SKIN CONTACT May cause mild irritation  
 EYE CONTACT May cause serious irritation  
 INHALATION Mists may cause irritation of nasal passages  
 INGESTION May cause gastrointestinal discomfort  
 SENSITIZING CAPABILITY OF MATERIAL : N.Av.  
 SYNERGISTIC MATERIALS : N.Av.

<b>SECTION 12: ECOLOGICAL CONSIDERATIONS</b>
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AQUATIC TOXICITY: 96 hour LC 50 Rainbow Trout 750 mg / L  
 PERSISTANCE & DEGRADABILITY: Readily biodegradable.  
 BIOACCUMULATIVE POTENTIAL: N.Av.  
 MOBILITY IN SOIL: N.Av.  
 OTHER ADVERSE EFFECTS: N.Av.

**SECTION 13: DISPOSAL CONSIDERATIONS**

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

**SECTION 14: TRANSPORT INFORMATION**

T.D.G. CLASSIFICATION : Not regulated under TDG  
UN NUMBER : N.Ap.  
PACKING GROUP : N.Ap.

**SECTION 15: REGULATORY INFORMATION**

GHS CLASSIFICATION: See section 2  
HPR 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.  
REACH COMPLIANCE: Conforms to Regulation (EC) No. 1907/2006, including all applicable registrations concerning ingredients.

**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 / 2020