

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

SECTION 06: ACCIDENTAL RELEASE MEASURES
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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.

SECTION 07: HANDLING AND STORAGE

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

SECTION 08: PERSONAL PROTECTIVE EQUIPMENT / EXPOSURE CONTROLS
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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

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

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.	

SECTION 10: STABILITY AND REACTIVITY

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

SECTION 11: TOXICOLOGICAL INFORMATION
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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.

SECTION 12: ECOLOGICAL CONSIDERATIONS
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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

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