

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

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

**PRODUCT NAME : VYTAC CS Powder**

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 an eye irritant category 2A, skin irritant 2, Oral toxicity 5

**LABEL Information:**

**WARNING**

**Causes serious eye irritation. Causes skin irritation. May be harmful if swallowed.**

**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: Get medical attention if you feel unwell.

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

| HAZARDOUS INGREDIENTS  | CONC. APPROX.%(wt/wt) | C.A.S # |
|--|-----------------------|---------|
| Citric Acid  | 60 -100               | 77-92-9 |
| 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 dust, remove to fresh air.

**PRIMARY SYMPTOMS /ROUTE OF ENTRY:**

|              |   |
|--------------|---|
| SKIN CONTACT | May cause irritation  |
| EYE CONTACT  | May cause severe irritation   |
| INHALATION   | Dust or solution mist may cause irritation to nose, throat and mucous membranes |
| INGESTION    | May cause gastrointestinal irritation.  |

**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

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| <b>SECTION 06: ACCIDENTAL RELEASE MEASURES</b> |
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LEAK AND SPILL PROCEDURE: Wear gloves and eye protection. Recover the material using broom and shovel or other convenient means and place in a lined or preferably plastic container. Material may be usable as long as not contaminated with incompatible materials.

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| <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 at room temperature in a dry location.

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| <b>SECTION 08: PERSONAL PROTECTIVE EQUIPMENT / EXPOSURE CONTROLS</b> |
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GLOVES / TYPE: Chemical resistant  
RESPIRATOR / TYPE: Dust filter mask (if handling large quantities).  
EYE / TYPE: Goggles  
CLOTHING /TYPE: Appropriate for the use environment  
OTHER / TYPE: Have access to eye bath and safety shower  
ENGINEERING CONTROLS: General ventilation is adequate.  
CONTROL PARAMETERS: N/Ap

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| <b>SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES</b> |
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| PHYSICAL STATE / APPEARANCE: Light yellow powder    | ODOUR: None                      |
| ODOUR THRESHOLD: N.Ap.                              | SPECIFIC GRAVITY : ~1.2          |
| VAPOUR PRESSURE (mm Hg @ 20C): N.Ap.                | VAPOUR DENSITY (Air = 1) : N.Ap. |
| EVAPORATION RATE ( WATER = 1) : N.Ap.               | FREEZING POINT (C): N.Ap.        |
| BOILING POINT INIT / RANGE (C): N.Ap.               | SOLUBILITY IN WATER (% W/W): 100 |
| pH ( % SOLUTION): 2.2 (2%)                          | % VOLATILE (WT): nil             |
| FLASH POINT (C): N.Ap.                              | FLAMMABILITY: Nil                |
| LEL / UEL LIMITS (% by vol): LEL: N.Ap. UEL : N.Ap. | DECOMPOSITION TEMP (C): N.Ap.    |
| AUTO IGNITION TEMP(C): N.Ap.                        | VISCOSITY: N.Ap.                 |
| PARTITION COEFF. n-octanol/water: N.Av.             |                                  |

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| <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? : Will react with alkaline materials, when wet it will react slowly with metals. Hypochlorites  
SPECIAL REACTIVITY AND UNDER WHAT CONDITIONS: Reacts with alkali to produce neutral salts  
HAZARDOUS DECOMPOSITION PRODUCTS: N.Av.  
SENSITIVITY TO SHOCK, VIBRATION or STATIC DISCHARGE: None.

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| <b>SECTION 11: TOXICOLOGICAL INFORMATION</b> |
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EXPOSURE LIMIT OF MATERIAL : N.Av.  
LC 50 OF MATERIAL, SPECIES AND ROUTE : N.Ap.  
LD 50 OF MATERIAL, SPECIES AND ROUTE : 3 gr / Kg (rat)  
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 irritation  
EYE CONTACT May cause severe irritation  
INHALATION Dust or solution mist may cause irritation to nose, throat and mucous membranes  
INGESTION May cause gastrointestinal irritation.  
SENSITIZING CAPABILITY OF MATERIAL : N.Av.  
SYNERGISTIC MATERIALS : N.Av.

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| <b>SECTION 12: ECOLOGICAL CONSIDERATIONS</b> |
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AQUATIC TOXICITY LC50 -: Leuciscus idus - 440- 760 mg/l - 96 h / Method:  
Daphnia magna (Water flea) - 120 mg/l - 72 h  
PERSISTANCE & DEGRADABILITY: Biodegradable >95% 2 days  
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 / 2021