

SECTION 01 : IDENTIFICATION

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

PRODUCT NAME : VYTAC ACX 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, Oral toxicity category 5

LABEL Information:

**WARNING**

Causes serious eye irritation. May cause 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.

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 #
Sodium Carbonate	60 -100	497 - 19 - 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 dust, remove to fresh air.

PRIMARY SYMPTOMS /ROUTE OF ENTRY:

SKIN CONTACT	May cause mild irritation
EYE CONTACT	May cause severe irritation
INHALATION	Dust 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

LEAK AND SPILL PROCEDURE: Wear gloves and eye protection. Recover as much as possible using any convenient means. Recovered material is usable as long as it is not contaminated with incompatible materials. Flush away residues as per 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.

SECTION 08: PERSONAL PROTECTIVE EQUIPMENT / EXPOSURE CONTROLS

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

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE / APPEARANCE: Pink Granular powder	ODOUR: None
ODOUR THRESHOLD: Not available	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): 11.4 (1%)	% VOLATILE (WT): < 1%
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.	

SECTION 10: STABILITY AND REACTIVITY

CHEMICALLY STABLE: Yes
IF NO, UNDER WHICH CONDITIONS? :
INCOMPATIBILITY WITH OTHER SUBSTANCES : Yes
IF YES, WITH WHICH ONES? : Will react with acidic materials.
SPECIAL REACTIVITY AND UNDER WHAT CONDITIONS: N.Av.
HAZARDOUS DECOMPOSITION PRODUCTS: CO₂ is generated as a byproduct of the acid neutralization reaction. When used to neutralize acids in enclosed spaces, make sure that adequate ventilation is provided to maintain CO₂ levels below hazard standards.
SENSITIVITY TO SHOCK, VIBRATION or STATIC DISCHARGE: None.

SECTION 11: TOXICOLOGICAL INFORMATION

EXPOSURE LIMIT OF MATERIAL : N.Av.
LC 50 OF MATERIAL, SPECIES AND ROUTE : N.Ap.
LD 50 OF MATERIAL, SPECIES AND ROUTE : 2.8 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 mild irritation
EYE CONTACT May cause severe irritation
INHALATION Dust 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

AQUATIC TOXICITY: Fingerling Rainbow Trout 96Hr LC50 >100 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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