

SECTION 01 : IDENTIFICATION

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

PRODUCT NAME : VYTAC JCN 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 a skin irritant category 2 / eye irritant category 2B / respiratory irritant STOT SE3 / Acute toxicity 5

LABEL Information:

**WARNING**

Causes serious eye irritation. Causes skin irritation. May be harmful if swallowed. May cause respiratory irritation.

Precautions: Wash hands thoroughly after handling. Wear eye protection and protective gloves. Avoid breathing dust/ mist /spray.

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.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if you feel unwell.

Dispose of contents/container in accordance with local regulations.

SECTION 03 : COMPOSITION / INFORMATION on HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	CONC. APPROX.%(wt/wt)	C.A.S #
Potassium Carbonate	30 - 60	584-08-7
Sodium thiosulfate	30 - 60	7772-98-7
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 irritation
EYE CONTACT	May cause severe irritation
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 if spraying.
EYE / TYPE: Goggles, especially if spraying
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 Powder
ODOUR THRESHOLD: Not available
VAPOUR PRESSURE (mm Hg @ 20C): N.Ap.
EVAPORATION RATE (WATER = 1): N.Ap.
BOILING POINT INIT / RANGE (C): N.Ap.
pH (% SOLUTION): 11.8 (20%)
FLASH POINT (C): N.Ap.
LEL / UEL LIMITS (% by vol): LEL: N.Ap. UEL: N.Ap.
AUTO IGNITION TEMP(C): N.Ap.
PARTITION COEFF. n-octanol/water: N.Av.
ODOUR: Minimal
SPECIFIC GRAVITY: >1
VAPOUR DENSITY (Air = 1): N.Ap.
FREEZING POINT (C): N.Ap.
SOLUBILITY IN WATER (% W/W): 100
% VOLATILE (WT): Nil
FLAMMABILITY: Nil
DECOMPOSITION TEMP (C): N.Ap.
VISCOSITY: ~ water

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 and oxidizers.
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: N.Av.
LC 50 OF MATERIAL, SPECIES AND ROUTE: N.Ap.
LD 50 OF MATERIAL, SPECIES AND ROUTE: 3.7 gm / 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 severe irritation
EYE CONTACT: May cause severe irritation
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

AQUATIC TOXICITY: N.Av.
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
UN NUMBER :
PACKING GROUP :

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 : 19 / 03 / 2020