

SECTION 01 : CHEMICAL PRODUCT and COMPANY IDENTIFICATION

Mi 6:8
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LONDON, ONTARIO
CANADA
519 902 6227

PRODUCT NAME : **NINE VITTAL XP**
DN # 02246209

MANUFACTURER : Same as above
PREPARED BY : Production Department
TELEPHONE NO. : 519 902 6227
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 Skin Irritation Category 2, Serious Eye Damage/Eye Irritation Category 1, Acute Toxicity Oral Category 5

LABEL Information:**DANGER**

Causes serious eye damage. Causes skin irritation. May be harmful if swallowed. Spray mist may cause respiratory irritation.

Precautions: Wear eye protection and protective gloves. Wash hands thoroughly after handling. Avoid breathing mists or spray.

Response: IF IN EYES : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate 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.

SECTION 03 : COMPOSITION / INFORMATION on HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS CONC. APPROX.%(wt/wt) C.A.S #

Alkyl dimethyl Quaternary Ammonium Chlorides 3 - 7 68424-85-1/68424-85-1

Alcohol Ethoxylate 10 -30 68991-48-0

Sodium Metasilicate .5 - 1.5 6834-92-0

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 Causes irritation

EYE CONTACT Causes severe irritation or burns.

INHALATION Mists may cause irritation of nasal passages and respiratory tract

INGESTION May cause gastrointestinal discomfort or more harmful effects

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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: Clear blue liquid ODOUR: Floral

ODOUR THRESHOLD: Not available SPECIFIC GRAVITY : 1.01

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): 11.9 (conc) 9.7 (1 : 100) % VOLATILE (WT): 85

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: medium syrup

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 Acids and Alkali

SPECIAL REACTIVITY AND UNDER WHAT CONDITIONS: None

HAZARDOUS DECOMPOSITION PRODUCTS: N.Av.

SENSITIVITY TO SHOCK or STATIC DISCHARGE: None

SECTION 11: TOXICOLOGICAL INFORMATION

EXPOSURE LIMIT OF MATERIAL : N.Ap.

LC 50 OF MATERIAL, SPECIES AND ROUTE : N.Ap.

LD 50 OF MATERIAL, SPECIES AND ROUTE : 4.95 gm / kg Rat ATE

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 OSHA, NTP, ACGIH, IARC

REPRODUCTIVE EFFECTS : No data available to indicate product or any components present at greater than 0.1% are mutagenic.

PRIMARY SYMPTOMS /ROUTE OF ENTRY:

SKIN CONTACT Causes irritation

EYE CONTACT Causes severe irritation or burns

INHALATION Mists may cause irritation of nasal passages and respiratory tract

INGESTION May cause gastrointestinal discomfort or more harmful effects

SENSITIZING CAPABILITY OF MATERIAL : None indicated

SYNERGISTIC MATERIALS : N.Av.

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SECTION 12: ECOLOGICAL CONSIDERATIONS

AQUATIC TOXICITY: N.Av.

PERSISTANCE & DEGRADABILITY: Readily biodegradable.

BIOACCUMULATIVE POTENTIAL: Anticipated to be low.

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.

SECTION 16: OTHER INFORMATION

ABBREVIATIONS USED : N.Av. = No Available Data N.Ap. = Not applicable L(U)EL = Lower(Upper) explosion limit

PREPARATION DATE : 15/ 03/ 2019