

SECTION 01 : CHEMICAL PRODUCT and COMPANY IDENTIFICATION

Mi 6:8
301 TWEEDSMUIR AVE LONDON, ONTARIO CANADA N5W 1L5

PRODUCT NAME : MINERAL SPIRITS

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 Flammable Liquid Category 3, Oral toxicity 5
 Eye irritation Category 2B, Specific target organ toxicity
 (central nervous system) Category 3, Aspiration hazard Category 1

LABEL Information:

**DANGER**

Flammable liquid and vapour. May be fatal if swallowed and enters airways. May cause drowsiness or dizziness. Causes eye irritation. May be harmful if swallowed.

PRECAUTIONS: Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Ground container and receiving equipment. Use explosion proof equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Use only outdoors or in a well ventilated area. In case of fire use dry chemical or CO2 for extinction.

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

Response: IF ON SKIN: Remove immediately all contaminated clothing and wash before reuse. Rinse skin with soap and water/shower. If irritation or rash occurs get medical attention.

IF SWALLOWED: Rinse mouth. Do not induce vomiting. Get immediate medical attention.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists get medical attention.

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

Store locked up, in a cool, well ventilated place. Dispose of container in accordance with local regulations.

SECTION 03 : COMPOSITION / INFORMATION on HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	CONC. APPROX.%(wt/wt)	C.A.S #
Naptha (Petroleum) Hydrotreated Heavy	60 - 100	64742-48-9
Stoddard Solvent	15 -40	8052-41-3

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 well with soap and 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.**

For excessive inhalation of vapours, remove victim to fresh air. If respiratory irritation, dizziness, nausea, or unconsciousness, seek immediate medical attention. If breathing stopped begin artificial respiration and seek immediate medical attention.

PRIMARY SYMPTOMS /ROUTE OF ENTRY:

SKIN CONTACT	May cause irritation
EYE CONTACT	May cause irritation
INHALATION	May cause drowsiness or dizziness or irritation of nasal passages and respiratory tract
INGESTION	Aspiration into lungs may occur. May cause gastrointestinal discomfort or more harmful effects

SECTION 05: FIRE AND EXPLOSION HAZARD AND FIRE FIGHTING MEASURES

FLAMMABILITY: Yes
 IF YES , UNDER WHICH CONDITIONS: If exposed to flame sources when flash point is exceeded.
 EXTINGUISHING MEDIA: Foam, Water fog, CO2 or dry chemical
 SPECIAL PROCEDURES: Wear SCBA to protect against combustion products generated at highly elevated temperatures
 HAZARDOUS COMBUSTION PRODUCTS: CO2, CO
 UNUSUAL FIRE AND EXPLOSION HAZARDS: Vapour heavier than air.
 SENSITIVITY TO MECHANICAL IMPACT: NIL SENSITIVITY TO STATIC DISCHARGE: Possible

SECTION 06: ACCIDENTAL RELEASE MEASURES

LEAK AND SPILL PROCEDURE: Remove any sources of open flame or spark. Absorb with clay or synthetic material. Remove to residues to outdoors. Ventilate as required. For large spill, contain the spill so as to prevent runoff into sewage system. Recover as much as possible using any convenient means. Use non-sparking tools for cleanup.

SECTION 07: HANDLING AND STORAGE

HANDLING PROCEDURES AND EQUIPMENT: Avoid sources of ignition. Avoid contact with skin, eyes and clothing. Keep container closed when not in use.
 STORAGE REQUIREMENTS: Store at room temperature away from ignition sources.

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 generally adequate.
 CONTROL PARAMETERS: Naptha - 8hr TWA= 500 ppm (OSHA)

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE / APPEARANCE: Clear liquid ODOUR: Mild solvent
 ODOUR THRESHOLD: N/Av SPECIFIC GRAVITY : .765
 VAPOUR PRESSURE (mm Hg @ 20C): .8 VAPOUR DENSITY (Air = 1) : >5
 EVAPORATION RATE (NBA = 1) : < .2 FREEZING POINT (C): < 0
 BOILING POINT INIT / RANGE (C): INIT 173 C SOLUBILITY IN WATER (% W/W): Nil
 pH (% SOLUTION): N.Ap. % VOLATILE (WT): 100
 FLASH POINT (C): 44 FLAMMABILITY: Flammable
 LEL / UEL LIMITS (% by vol): LEL: .6 UEL : 7 DECOMPOSITION TEMP (C): N.Av.
 AUTO IGNITION TEMP(C): N.Av. 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 oxidizing agents
 SPECIAL REACTIVITY AND UNDER WHAT CONDITIONS: N.Av.
 HAZARDOUS DECOMPOSITION PRODUCTS: N.Av.
 CONDITIONS TO AVOID: N.Av.
 SENSITIVITY TO SHOCK, VIBRATION or STATIC DISCHARGE: Static discharge may cause ignition above flash point.

SECTION 11: TOXICOLOGICAL INFORMATION

LC 50 OF MATERIAL, SPECIES AND ROUTE : > 13 mg/l rat 4hrs
 LD 50 OF MATERIAL, SPECIES AND ROUTE : >2 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.

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SENSITIZING CAPABILITY OF MATERIAL : N.Av.

SYNERGISTIC MATERIALS : N.Av.

SECTION 12: ECOLOGICAL CONSIDERATIONS

ECOTOXICITY: Expected to be toxic to aquatic life
PERSISTANCE & DEGRADABILITY: Readily biodegradable.
BIOACCUMULATIVE POTENTIAL: N.Av.
MOBILITY IN SOIL: Solvent component expected to volatilize.
OTHER ADVERSE EFFECTS: N.Av.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL : In accordance with municipal, state / provincial and federal regulations

SECTION 14: TRANSPORT INFORMATION

T.D.G. CLASSIFICATION : Not Regulated (In containers less than 454 L)
DOT : (1L / 3.78 L) Not regulated 49CFR 173.150
Regulated for Air and Marine Transport : PETROLEUM DISTILLATES NOS (Naphtha Solvent), CLASS 3, UN 1268, PG III

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 : 18 / 12 / 2020