

SECTION 01 : IDENTIFICATION

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

PRODUCT NAME : BOCAR XCEL

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, Skin irritation Category 2, Eye irritation Category 2B, Carcinogenicity Category 2, Specific target organ toxicity (central nervous system) Category 3, Aspiration hazard Category 1, Oral toxicity category 5
This product contains a Category 2 carcinogen at concentration between 0.1 and 1.0 wt% and is assigned a hazard classification on that basis.

LABEL Information:



DANGER

Flammable liquid and vapour. May be fatal if swallowed and enters airways. May cause drowsiness or dizziness. Causes skin irritation. Causes eye irritation. May be harmful if swallowed. Spray mist may cause respiratory irritation. Suspected of causing cancer.

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. In case of fire use dry chemical or CO2 for extinction. Use only outdoors or in a well ventilated area. Store locked up, in a cool, well ventilated place. Dispose of contents/container in accordance with local regulations.

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.

If exposed or concerned get medical advice /attention.

Wash hands thoroughly after handling. Avoid breathing mist / vapours/ spray. Avoid contact with skin, eyes and clothing.

Wear protective gloves and eye protection. Use personal protective equipment as required.

IF ON SKIN: Remove immediately all contaminated clothing and wash before reuse. Rinse skin with soap and water/shower.

If irritation 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.

SECTION 03 : COMPOSITION / INFORMATION on HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	CONC. APPROX.% (WT)	C.A.S #
Kerosene	60 - 100	8008-20-6
Petroleum Naptha Solvent light aromatic*	1 - 5	64742-95-6
Amine neutralized sulphonic acid	1 - 5	68584-24-7
Linear alcohol ethoxylate	1 - 5	68937-66-6

* May contain Ethyl Benzene/Naphthalene/Nonane/Pseudocumene/ or Toluene at concentrations of .1 - 1%

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 or allergic reaction if sensitive
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. Organic filter respirator if used in closed spaces
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:	Kerosene - 8hr TWA= 200 mg/m3 (ACGIH standard)

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE / APPEARANCE: Clear slight amber liquid	ODOUR: Mild solvent
ODOUR THRESHOLD: N/Av	SPECIFIC GRAVITY : .81
VAPOUR PRESSURE (mm Hg @ 20C): .4mm	VAPOUR DENSITY (Air = 1) : >5
EVAPORATION RATE (water=1) : < <1	FREEZING POINT (C): < 0
BOILING POINT INIT / RANGE (C): INIT 149 C	SOLUBILITY IN WATER (% W/W): Emulsifies
pH (% SOLUTION): N.Ap.	% VOLATILE (WT): 90
FLASH POINT (C): > 38 C	FLAMMABILITY: Flammable
LEL / UEL LIMITS (% by vol): LEL: .7 UEL : 5	DECOMPOSITION TEMP (C): N.Av.
AUTO IGNITION TEMP(C): 210	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
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LC 50 OF MATERIAL, SPECIES AND ROUTE : > 13 mg/l rat 4hrs
 LD 50 OF MATERIAL, SPECIES AND ROUTE : > 4 gm / kg Rat
 CARCINOGENICITY OF MATERIAL: Ingredients (Naphthalene, Cumene) in this product present at levels greater than or equal to 0.1%, but less than 1% are identified as probable, or possible 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 or allergic reaction if sensitive
 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
 SENSITIZING CAPABILITY OF MATERIAL : N.Av.
 SYNERGISTIC MATERIALS : N.Av.

SECTION 12: ECOLOGICAL CONSIDERATIONS
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ECOTOXICITY: Expected to be toxic to aquatic life
 PERSISTANCE & DEGRADABILITY: All ingredients are readily biodegradable.
 BIOACCUMULATIVE POTENTIAL: N.Av.
 MOBILITY IN SOIL: Solvent component expected to volatilize.
 OTHER ADVERSE EFFECTS: N.Av.

SECTION 13: DISPOSAL CONSIDERATIONS
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WASTE DISPOSAL : In accordance with municipal, state / provincial and federal regulations

SECTION 14: TRANSPORT INFORMATION
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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 (Kerosene), CLASS 3, UN 1268, PG III

SECTION 15: REGULATORY INFORMATION

WHMIS CLASSIFICATION: D2B/B3 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 / 2018