

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION AND USE

Product Identifier: NATRAKLENE
Product Use: NATURAL CITRUS SOLVENT DEGREASER
Supplier: SHARE CANADA
Address: 1691 CHURCH AVENUE, WINNIPEG, MANITOBA R2X 2Y7
Telephone: (204) 633-8553 Fax: (204) 633-8453 CANUTEC: (613) 996-6666

SECTION II - HAZARDOUS INGREDIENTS

Ingredient	CAS Number	Weight %	OSHA PEL	ACGIH TLV
d 'Limonene	5889-27-5	20 – 30 %	Not established.	Not established.

SECTION III - PHYSICAL DATA

Physical State: LIQUID
Specific gravity: .0.88
pH: Not available.
Odour and appearance: CLEAR, COLOURLESS LIQUID. CITRUS –PETROLEUM DISTILLATE ODOUR
Odour threshold: Not available. Vapour pressure (PSI): Not available.
Vapour density (air = 1): Not available. Evaporation rate (water = 1): > 1.0
% volatile by volume: 20.7 Solubility in water: INSOLUBLE.
Boiling Point (C⁰): Not available. Freezing Point (C⁰): Not available.
Coefficient of water/oil distribution: Not available.

SECTION III - FIRE AND EXPLOSION DATA

Flammable or combustible: COMBUSTIBLE LIQUID
Flash Point (C⁰) and method: 75⁰ C CLOSED CUP
Upper flammable limit: Not available.
Lower flammable limit: Not available.
Autoignition temperature: Not available.
Means of extinction: FOAM, CARBON DIOXIDE, DRY CHEMICAL.
Special fire fighting procedures: FIREFIGHTERS SHOULD BE EQUIPPED WITH FULL PROTECTIVE GEAR INCLUDING SELF - CONTAINED BREATHING APPARATUS. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS. SOLVENT VAPOURS MAY CAUSE FLASHBACK.
Hazardous combustion products: OXIDES OF CARBON.
Sensitivity to mechanical impact: NOT SENSITIVE
Sensitivity to static discharge: NOT SENSITIVE

SECTION IV - REACTIVITY DATA

Is the product stable: YES - STABLE
Incompatible substances: STRONG OXIDIZING AGENTS.
Conditions of Reactivity: HEAT OR OPEN FLAME.
Hazardous decomposition products: THERMAL DECOMPOSITION MAY PRODUCE OXIDES OF CARBON.

PRODUCT IDENTIFIER: NATRAKLENE

SECTION V - TOXICOLOGICAL PROPERTIES

Primary routes of exposure: SKIN AND EYE CONTACT, INHALATION, INGESTION.
Exposure Limits: WORKPLACE ENVIRONMENTAL EXPOSURE LEVEL (WEEL) d' Limonene - 30 ppm.
WHMIS Classification: CLASS B 3 COMBUSTIBLE LIQUID, CLASS D 2B TOXIC MATERIAL.
Irritant: SKIN AND EYE IRRITANT
Carcinogen: NO - IARC / OSHA / NTP
Sensitizer: d 'Limonene REPORTED AS A SENSITIZER
Mutagen: NOT REPORTED AS A MUTAGEN
Reproductive effects: NONE KNOWN
Synergistic products: NONE KNOWN
Effects of acute exposure: Eyes: MODERATE TO SEVERE IRRITATION, REDNESS AND TEARING.
Inhalation: RESPIRATORY TRACT IRRITATION, DIZZINESS, WEAKNESS, HEADACHE, NAUSEA AND UNCONSCIOUSNESS. Ingestion: GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING AND DIARRHEA. ASPIRATION MAY BE A HAZARD.
Effects of chronic exposure: Skin: PROLONGED OR REPEATED CONTACT MAY RESULT IN IRRITATION, CHAPPING AND DERMATITIS. CONTAINS A POSSIBLE SENSITIZER.

SECTION VII - PREVENTION MEASURES

Gloves: CHEMICAL RESISTANT	Respirator: USE WITH ADEQUATE VENTILATION	Eye protection: FACE SHIELD or SAFETY GLASSES.
Footwear: NO SPECIAL REQUIREMENTS.	Clothing: NO SPECIAL REQUIREMENTS.	Other requirements: EYE WASH STATION

Engineering Controls: LOCAL VENTILATION RECOMMENDED.
Respiratory protection: USE WITH ADEQUATE VENTILATION.
Leak or spill procedures: VENTILATE AREA AND REMOVE ALL SOURCES OF IGNITION. CONTAIN SPILL. SOAK UP ON INERT ABSORBENT MATERIAL AND PLACE IN PROPERLY MARKED CLOSED CONTAINER FOR PROPER DISPOSAL.
Waste disposal: CONSULT LOCAL ENVIRONMENTAL AUTHORITIES.
Handling and storage requirements: STORE IN A COOL, DRY PLACE AWAY FROM HEAT AND OPEN FLAME. WASH THOROUGHLY AFTER HANDLING. PROTECT FROM SOURCES OF IGNITION. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE. BOND AND GROUND DURING LIQUID TRANSFER. KEEP OUT OF THE REACH OF CHILDREN. DO NOT CUT OR WELD ON EMPTY CONTAINER AS IT MAY HOLD COMBUSTIBLE RESIDUES.
Special shipping information: T.D.G. CLASS - NOT REGULATED.

SECTION VIII - FIRST AID MEASURES

Eyes: FLUSH EYES AND UNDER EYELIDS FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS, OBTAIN IMMEDIATE MEDICAL ATTENTION.
Skin: REMOVE CONTAMINATED CLOTHING AND LAUNDRY SEPARATELY BEFORE RE-USE. WASH WITH SOAP AND WATER.
Ingestion: CONTACT PHYSICIAN OR POISON CONTROL CENTRE IMMEDIATELY. DO NOT INDUCE VOMITING.
Inhalation: REMOVE PERSON TO FRESH AIR. ADMINISTER ARTIFICIAL RESPIRATION IF PERSON HAS STOPPED BREATHING. OBTAIN MEDICAL ASSISTANCE.

SECTION IX - PREPARATION DATA

Information Sources: SUPPLIERS' MATERIAL SAFETY DATA SHEET, CCOHS CHEMINFO.
Prepared by: SHARE CANADA
Telephone: 1-204-633-8553
Preparation date: February 21, 2011