

# SAFETY DATA SHEET

## SECTION 1 - IDENTIFICATION

**Product name** : CITRALENE NS

**Product Use:** : CITRUS BASED DEGREASER  
**Restrictions on use:** FOR INDUSTRIAL OR PROFESSIONAL USE ONLY

**Company** : SHARE CANADA  
1691 CHURCH AVENUE  
WINNIPEG, MB R2X 2Y7  
TELEPHONE: 1-800-665-7692

**Emergency number** : CANUTEC 1-613-966-6666

## SECTION 2 - HAZARDS IDENTIFICATION

**Hazard classification:** FLAMMABLE LIQUID. SKIN IRRITATION, SKIN SENSITIZER, ASPIRATION TOXIC

**Symbols:**



**Signal word:**  
**Hazard statements:**

**DANGER**  
FLAMMABLE LIQUID AND VAPOUR  
MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS.  
CAUSES SKIN IRRITATION.  
MAY CAUSE AN ALLERGIC SKIN REACTION.

**Precautionary statements:**

AVOID BREATHING MIST, SPRAY.  
KEEP AWAY FROM HEAT, OPEN FLAME, SPARKS. NO SMOKING  
KEEP CONTAINER TIGHTLY CLOSED.  
TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGE  
WASH THOROUGHLY AFTER HANDLING.  
WEAR EYE PROTECTION, PROTECTIVE CLOTHING, PROTECTIVE GLOVES.  
CONTAMINATED CLOTHING MUST NOT BE ALLOWED OUT OF THE WORKPLACE  
STORE IN A WELL-VENTILATED PLACE. KEEP COOL,  
DISPOSE OF CONTENTS/CONTAINER TO COMPLY WITH LOCAL / REGIONAL/ NATIONAL/INTERNATIONAL REGULATIONS.

## CITRALENE NS

### SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

#### CHEMICAL NAME

#### CAS REGISTRY NUMBER

#### CONCENTRATION

(+) - LIMONENE

5989-27-5

60 - 100 %

### SECTION 4 – FIRST AID MEASURES

- First-aid measures general : If you feel unwell, seek medical advice (Show the label where possible).
- First-aid measures after inhalation : If breathing is difficult, remove victim into fresh air and keep at rest in a position comfortable for breathing. Call a poison control centre / doctor if you feel unwell.
- First-aid measures after skin contact : Wash with plenty of soap and water. Immediately take off contaminated clothing and wash it before re-use. Rinse skin with water / shower. If skin irritation or rash occurs, get medical advice / attention.
- First-aid measures after eye contact : 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.
- First-aid measures after ingestion : Immediately call a poison control centre / doctor. Do NOT induce vomiting.
- Symptoms/injuries : If you feel unwell, seek medical advice
- Symptoms/injuries after inhalation : Irritation of the respiratory tract.
- Symptoms/injuries after skin contact : Causes skin irritation. May cause allergic skin reaction Repeated exposure may cause skin dryness or cracking.
- Symptoms/injuries after eye contact : Causes serious eye damage.
- Symptoms after ingestion : May be fatal if swallowed and enters airways.

### SECTION 5 – FIRE FIGHTING MEASURES

Suitable extinguishing media : ABC powder, alcohol resistant foam. Carbon dioxide.  
Fire hazard: Flammable liquid and vapours.

Explosion hazards: Vapors may travel long distances along ground before igniting/flashing back to vapor source. Rags soaked with any solvent present a fire hazard and should always be stored in UL listed or Factory Mutual approved, covered containers. Improperly stored rags can create conditions that lead to oxidation. Oxidation, under certain conditions, can lead to spontaneous combustion

Reactivity: Upon combustion, CO and CO<sub>2</sub> are formed.

Firefighting instructions: Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers. Take account of environmentally hazardous firefighting water

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

**SECTION 6 – ACCIDENTAL RELEASE MEASURES**

General measures: No flames, no sparks. Eliminate all sources of ignition.	
Protective equipment	Gloves, Protective goggles. Protective clothing.
Emergency procedures	Evacuate unnecessary personnel. Avoid contact with skin, eyes and clothing.
Protective equipment	Equip cleanup crew with proper protection.
Emergency procedures	Stop leak if safe to do so. Stop release. Ventilate spillage area.
For containment:	Contain released substance, pump into suitable containers. Plug the leak, cut off the supply. Dam up the liquid spill. Provide equipment/receptacles with earthing. Do not use compressed air for pumping over spills. Heating: dilute combustible gas/vapour with water curtain.
Methods for cleaning up	Take up liquid spill into absorbent material, e.g.: sand, earth, vermiculite. Scoop absorbed substance into closing containers. Carefully collect the spill/leftovers. Damaged/cooled tanks must be emptied. Do not use compressed air for pumping over spills. Clean contaminated surfaces with an excess of water. Take collected spill to manufacturer/competent authority. Wash clothing and equipment after handling.

**SECTION 7 – HANDLING AND STORAGE**

Precautions for safe handling	: Comply with the legal requirements. Remove contaminated clothing immediately. Clean contaminated clothing. Thoroughly clean/dry the installation before use. Do not discharge the waste into the drain. Do not use compressed air for pumping over. Keep away from naked flames/heat. Keep away from ignition sources/sparks. Observe very strict hygiene - avoid contact. Keep container tightly closed. Measure the concentration in the air regularly. Carry operations in the open/under local exhaust/ventilation or with respiratory protection. Ground/bond container and receiving equipment. Use only non-sparking tools. Use explosion-proof equipment. Take precautionary measures against static discharge.
Hygiene measures	: Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.
Technical measures	: Comply with applicable regulations. Proper grounding procedures to avoid static electricity should be followed.
Storage conditions	: Keep container tightly closed when not in use. Store only in original
Incompatible materials	: container. Heat sources. Sources of ignition.
Storage area	: Store in a cool, dry area. Store in a well-ventilated place.

## CITRALENE NS

### SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters: No additional information available.

Personal protective equipment: : Use appropriate personal protective equipment when risk assessment indicates this is necessary. Safety glasses / protective goggles. Protective gloves. Protective clothing.



### SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical state	:	Liquid
Appearance	:	Clear, colourless liquid.
Odour	:	Citrus odour.
Odour threshold	:	No data available
pH	:	No data available
Melting point	:	No data available
Freezing point	:	No data available
Boiling point	:	79 – 80 °C
Flash point	:	46 °C Closed cup
Relative evaporation rate (butyl acetate=1)	:	No data available
Flammability (solid, gas)	:	No data available
Explosion limits	:	No data available
Explosive properties	:	No data available
Oxidizing properties	:	No data available
Vapour pressure	:	2 mm Hg
Relative density	:	No data available
Relative vapor density at 20 °C	:	No data available
Specific gravity / density	:	.84 g/ml
Solubility	:	Insoluble in water.
Log Pow	:	No data available
Log Kow	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Viscosity	:	No data available
Viscosity, kinematic	:	No data available
Viscosity, dynamic	:	No data available
VOC content	:	> 90 %

### SECTION 10 - STABILITY AND REACTIVITY

**Reactivity:** Upon combustion CO and CO<sub>2</sub> are formed.

**Incompatible materials** : No additional information available

**Stability:** Stable under normal conditions.

**Conditions to avoid:** Heat, open flame and sparks.

**Hazardous decomposition products:** Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### SECTION 11 – TOXICOLOGICAL INFORMATION

## CITRALENE NS

Acute toxicity	: Not classified.
Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified

<b>(+)-limonene (5989-27-5)</b>	
LD50 oral rat	4400 mg/kg body weight (Rat; OECD 423: Acute Oral Toxicity – Acute Toxic Class Method; Literature study; > 2000 mg/kg bodyweight; Rat; Read-across)
LD50 dermal rabbit	> 5000 mg/kg body weight (Rabbit; Weight of evidence; Equivalent or similar to OECD 402)
ATE CLP (oral)	4400.000 mg/kg body weight

Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Fatal if swallowed and enters airways.
Symptoms/injuries after inhalation	: Irritation of the respiratory tract.
Symptoms/injuries after skin contact	: Causes skin irritation. May cause allergic skin reaction Repeated exposure may cause skin dryness or cracking.
Symptoms/injuries after eye contact	: Direct contact with the eyes is likely irritating.
Symptoms/injuries after ingestion	: May be fatal if swallowed and enters airways. Risk of aspiration pneumonia.

### SECTION 12 - ECOLOGICAL INFORMATION

Ecology (General):	No additional information available.
Persistence and degradability:	No additional information available.
Bioaccumulation potential:	No additional information available.

### SECTION 13 – DISPOSAL CONSIDERATIONS

Waste disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations.
--------------------------------	---

**CITRALENE NS**

**SECTION 14 – TRANSPORT INFORMATION**

Transportation of Dangerous Goods (TDG) Not regulated in non bulk containers.

**SECTION 15 - REGULATORY INFORMATION**

THE CLASSIFICATION, LABEL AND SDS COMPLIES WITH THE REQUIREMENTS OF WHMIS 2015

**SECTION 16 - OTHER INFORMATION**

**Information Sources:** SUPPLIER'S SDS  
**Prepared by:** SHARE CANADA  
**Telephone:** 1-204-633-8553  
**Latest revision date:** JULY 14, 2017