

Safety Data Sheet

KURE N SEAL 25LV

Revision date : 2012/06/04
Version: 4.0

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(30367868/SDS_GEN_CA/EN)

1. Product and Company Identification

Company
BASF Canada Inc.
100 Milverton Drive
Mississauga, ON L5R 4H1, CANADA

24 Hour Emergency Response Information
CANUTEC (reverse charges): (613) 996-6666
BASF HOTLINE: (800) 454-COPE (2673)

2. Hazards Identification

Emergency overview

COMBUSTIBLE LIQUID.
IRRITANT.
CONTAINS MATERIAL WHICH CAN CAUSE CANCER.
Irritating to eyes and skin.

State of matter: liquid
Colour: clear
Odour: solvent-like

Potential health effects

Acute toxicity:
Vapours may cause drowsiness and dizziness.

Irritation / corrosion:
Irritating to eyes. Repeated exposure may cause skin dryness or cracking.

Sensitization:
There is no evidence of a skin-sensitizing potential.

Potential environmental effects

Aquatic toxicity:
The product has not been tested.

3. Composition / Information on Ingredients

<u>CAS Number</u>	<u>Content (W/W)</u>	<u>Hazardous ingredients</u>
95-63-6	>= 10.0 - <= 30.0 %	1,2,4-trimethylbenzene
108-67-8	>= 1.0 - <= 5.0 %	mesitylene

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1330-20-7	>= 1.0 - <= 5.0 %	Xylene
91-20-3	>= 0.1 - <= 1.0 %	naphthalene
100-41-4	>= 0.1 - <= 1.0 %	ethylbenzene
8052-41-3	>= 10.0 - <= 30.0 %	Stoddard solvent
95-63-6	>= 10.0 - <= 30.0 %	1,2,4-trimethylbenzene
64742-95-6	>= 10.0 - <= 30.0 %	solvent naphtha
64742-82-1	>= 5.0 - <= 10.0 %	Naphtha (petroleum), hydrodesulfurized heavy
1330-20-7	>= 1.0 - <= 5.0 %	Xylene
108-67-8	>= 1.0 - <= 5.0 %	mesitylene
91-20-3	>= 0.1 - <= 1.0 %	naphthalene
100-41-4	>= 0.1 - <= 1.0 %	ethylbenzene

4. First-Aid Measures

General advice:

First aid personnel should pay attention to their own safety. Remove contaminated clothing.

If inhaled:

If difficulties occur after vapour/aerosol has been inhaled, remove to fresh air and seek medical attention.

If on skin:

After contact with skin, wash immediately with plenty of water and soap. Under no circumstances should organic solvent be used. If irritation develops, seek medical attention.

If in eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

If swallowed:

Rinse mouth immediately and then drink plenty of water, seek medical attention. Do not induce vomiting unless told to by a poison control center or doctor.

Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions.

5. Fire-Fighting Measures

Flash point:	42.78 °C	(ASTM D3278)
Lower explosion limit:	0.9 %(V)	
Upper explosion limit:	7.0 %(V)	

Suitable extinguishing media:

foam, water spray, dry powder, carbon dioxide

Unsuitable extinguishing media for safety reasons:

water jet

Hazards during fire-fighting:

carbon monoxide, carbon dioxide, harmful vapours, nitrogen oxides, fumes/smoke, carbon black

Protective equipment for fire-fighting:

Wear a self-contained breathing apparatus.

Further information:

Contaminated extinguishing water must be disposed of in accordance with official regulations.

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6. Accidental release measures

Personal precautions:

Use personal protective clothing. Do not breathe vapour/aerosol/spray mists. Sources of ignition should be kept well clear. Handle in accordance with good building materials hygiene and safety practice.

Environmental precautions:

Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.

Cleanup:

For small amounts: Pick up with inert absorbent material (e.g. sand, earth etc.). Dispose of contaminated material as prescribed.

For large amounts: Pump off product.

7. Handling and Storage

Handling

General advice:

Avoid aerosol formation. Avoid inhalation of mists/vapours. Avoid skin contact. No special measures necessary provided product is used correctly.

Protection against fire and explosion:

Keep away from heat. Prevent electrostatic charge - sources of ignition should be kept well clear - fire extinguishers should be kept handy.

Storage

General advice:

Keep only in the original container in a cool, well-ventilated place. Protect from direct sunlight.

Storage incompatibility:

General advice: Segregate from metals. Segregate from lyes. Segregate from oxidants. Segregate from foods and animal feeds.

Temperature tolerance

Protect from temperatures below: 0 °C

The packed product must be protected from temperatures below the indicated one.

8. Exposure Controls and Personal Protection

Components with workplace control parameters

ethylbenzene	OSHA	PEL 100 ppm 435 mg/m ³ ;
	ACGIH	TWA value 100 ppm ; STEL value 125 ppm ;
Xylene	OSHA	PEL 100 ppm 435 mg/m ³ ;
	ACGIH	TWA value 100 ppm ; STEL value 150 ppm ;
1,2,4-trimethylbenzene	ACGIH	TWA value 25 ppm ;
mesitylene	ACGIH	TWA value 25 ppm ;

Personal protective equipment

Respiratory protection:

When workers are facing concentrations above the occupational exposure limits they must use appropriate certified respirators.

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Hand protection:

Wear chemical resistant protective gloves., Manufacturer's directions for use should be observed because of great diversity of types.

Eye protection:

Tightly fitting safety goggles (chemical goggles).

Body protection:

Body protection must be chosen based on level of activity and exposure.

General safety and hygiene measures:

Avoid contact with the skin, eyes and clothing. In order to prevent contamination while handling, closed working clothes and working gloves should be used. Handle in accordance with good building materials hygiene and safety practice. When using, do not eat, drink or smoke. Hands and/or face should be washed before breaks and at the end of the shift. At the end of the shift the skin should be cleaned and skin-care agents applied. Gloves must be inspected regularly and prior to each use. Replace if necessary (e.g. pinhole leaks).

9. Physical and Chemical Properties

Form:	liquid	
Odour:	solvent-like	
Odour threshold:	No data available.	
Colour:	clear	
Boiling point:	137.22 - 171.11 °C	
Vapour pressure:		The product has not been tested.
Density:	0.9046 g/cm3	(20 °C)
Bulk density:		not applicable
Vapour density:		Heavier than air.
Partitioning coefficient n-octanol/water (log Pow):		not applicable
Solubility in water:		insoluble
Other Information:	If necessary, information on other physical and chemical parameters is indicated in this section.	

10. Stability and Reactivity

Substances to avoid:

oxidizing agents

Hazardous reactions:

The product is stable if stored and handled as prescribed/indicated.

Decomposition products:

Thermal decomposition products: carbon oxides

Oxidizing properties:

Based on its structural properties the product is not classified as oxidizing.

11. Toxicological information

Acute toxicity

Information on: Stoddard solvent

Assessment of acute toxicity:

Aspiration may result in chemical pneumonitis, which may be fatal.

Information on: Xylene

Assessment of acute toxicity:

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Of moderate toxicity after short-term inhalation. Of moderate toxicity after short-term skin contact. High concentrations in the air may cause narcosis. Virtually nontoxic after a single ingestion.

Information on: mesitylene

Assessment of acute toxicity:

Virtually nontoxic by inhalation. High concentrations in the air may cause narcosis. Of low toxicity after single ingestion.

Information on: ethylbenzene

Assessment of acute toxicity:

Of moderate toxicity after short-term inhalation. Virtually nontoxic after a single skin contact. Of low toxicity after single ingestion.

Information on: 1,2,4-trimethylbenzene

Assessment of acute toxicity:

Of low toxicity after single ingestion. Of moderate toxicity after short-term inhalation. EU-classification

Information on: naphthalene

Assessment of acute toxicity:

Of moderate toxicity after single ingestion. Virtually nontoxic after a single skin contact.

Irritation / corrosion

Information on: Xylene

Assessment of irritating effects:

Skin contact causes irritation. Not irritating to the eyes.

Information on: mesitylene

Assessment of irritating effects:

Irritating to skin. Not irritating to the eyes.

Information on: ethylbenzene

Assessment of irritating effects:

May cause slight irritation to the skin. May cause slight irritation to the eyes.

Information on: 1,2,4-trimethylbenzene

Assessment of irritating effects:

Irritating to eyes and skin.

Repeated dose toxicity

Information on: Stoddard solvent

Assessment of repeated dose toxicity:

Overexposure may cause liver and kidney toxicity. Repeated exposures may result in pulmonary congestion.

Information on: Xylene

Assessment of repeated dose toxicity:

Overexposure may cause liver and kidney toxicity.

The substance may cause damage to the central nervous system after repeated ingestion of high doses.

Information on: 1,2,4-trimethylbenzene

Assessment of repeated dose toxicity:

Repeated oral uptake of the substance did not cause substance-related effects. Investigations using experimental animals show that the material can cause lung tissue changes following inhalation.

Information on: naphthalene

Assessment of repeated dose toxicity:

Repeated exposures may cause blood cell effects including anemia.

Carcinogenicity

Information on: ethylbenzene

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Indication of possible carcinogenic effect in animal tests. The effect is caused by an animal specific mechanism that has no human counter part. A clear indication of an increased risk of cancer in humans has so far not been shown.

IARC (International Agency for Research on Cancer) has classified this substance as group 2B (The agent is possibly carcinogenic to humans). NTP listed carcinogen

Information on: Naphtha (petroleum), hydrodesulfurized heavy

Information on: solvent naphtha

The substance caused cancer in animal studies.

Information on: naphthalene

IARC (International Agency for Research on Cancer) has classified this substance as group 2B (The agent is possibly carcinogenic to humans).

Development:

Information on: Xylene

A teratogenic potential cannot be excluded.

Aspiration Hazard:

Aspiration hazard May be harmful if swallowed and enters airways.

Experiences in humans:

According to experience, the product is considered to be harmless to health if used in the correct manner. Has degreasing effect on the skin.

Other Information:

The product has not been tested. The statement has been derived from the properties of the individual components.

Information on: Stoddard solvent

In tests with mammals a central nervous system disorder was observed.

12. Ecological Information

Other adverse effects:

Do not allow to enter soil, waterways or waste water channels.

13. Disposal considerations

Waste disposal of substance:

Do not discharge substance/product into sewer system. Dispose of in accordance with local authority regulations.

Container disposal:

Contaminated packaging should be emptied as far as possible; then it can be passed on for recycling after being thoroughly cleaned.

14. Transport Information

Land transport

TDG

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Hazard class: 3
Packing group: III
ID number: UN 1263
Hazard label: 3
Proper shipping name: PAINT

Sea transport

IMDG

Hazard class: 3
Packing group: III
ID number: UN 1263
Hazard label: 3
Marine pollutant: NO
Proper shipping name: PAINT

Air transport

IATA/ICAO

Hazard class: 3
Packing group: III
ID number: UN 1263
Hazard label: 3
Proper shipping name: PAINT

15. Regulatory Information

Federal Regulations

Registration status:

Chemical DSL, CA released; restriction on use / listed

CEPA, Significant New Activity Restriction (SNAC)

Not for use in products designed to be used by children under the age of 7.

SNAC 12541

WHMIS classification: B3: Combustible Liquid

D2A: Materials Causing Other Toxic Effects - Very toxic material

D2B: Materials Causing Other Toxic Effects - Toxic material



THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF THE CPR AND THE MSDS CONTAINS ALL THE INFORMATION REQUIRED BY THE CPR.

16. Other Information

We support worldwide Responsible Care® initiatives. We value the health and safety of our employees, customers, suppliers and neighbors, and the protection of the environment. Our commitment to Responsible Care is integral to conducting our business and operating our facilities in a safe and environmentally responsible fashion, supporting our customers and suppliers in ensuring the safe and environmentally sound handling of our

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products, and minimizing the impact of our operations on society and the environment during production, storage, transport, use and disposal of our products.

MSDS Prepared by:

BASF NA Product Regulations

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BASF HOTLINE (800) 454 – COPE (2673)

MSDS Prepared on: 2012/06/04

END OF DATA SHEET