

SECTION 1 – IDENTIFICATION

Supplier: Enerspec Manufacturing Inc.
111A, 4818 - 50th Avenue
Red Deer, AB T4N 4A3
Phone Number: 403-348-5471

Product Name: **Ener-Kleen D**
Product Description: *Degreaser*

Emergency Contacts:
CANUTEC 24-hour Emergency Phone Number: 1-613-996-6666
Chemtrec 24-hour Emergency Phone Number: 1-800-424-9300

SECTION 2 – HAZARD IDENTIFICATION

Emergency Overview: Caution. May cause eye irritation. May cause skin irritation. If swallowed may cause nausea, vomiting and headache.

Routes of Exposure: Eye contact, skin contact, ingestion.

Eye Contact: May cause eye irritation.

Skin Contact: May cause skin irritation.

Inhalation: Not applicable.

Ingestion: May cause nausea, vomiting and headache.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Component	Percent	CAS number
Surfactant Mixture	5 – 10	68991-48-0

All components of this product are listed on the Canadian Domestic Substances List.

SECTION 4 – FIRST AID MEASURES

Eye Contact:
Flush eyes thoroughly with plenty of water for 15 minutes. Seek medical attention if irritation persists.

Skin Contact:
Wash with soap and water. Seek medical attention if irritation persists.

Inhalation:
Move individual to fresh air. Seek medical attention if necessary.

Ingestion:
Do not induce vomiting. Rinse mouth with water then drink 1 glass of water. Consult a physician immediately.

SECTION 5 – FIRE-FIGHTING MEASURES

Flammability:	No
Unusual Hazards:	None
Upper Flammable Limit:	Not Applicable
Lower Flammable Limit:	Not Applicable
Flash Point and Method:	Not Applicable
Auto-ignition Temp:	Not Applicable
Sensitivity to Static Discharge:	Not Applicable
Sensitivity to Impact:	Not Applicable
Hazardous Combustion Products:	When exposed to fire, produces normal products of combustion
Incompatibility to Substances:	Strong oxidizing agents
Suitable Extinguishing Media:	Water spray, carbon dioxide, dry chemical powder
Fire Fighting Instructions:	Follow regulatory procedures

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:

Avoid contact with eyes. Avoid contact with skin. Do not take internally.

Environmental Precautions:

Disposal is to be performed in compliance with all federal, state/provincial and local/municipal regulations.

Methods and Materials for Containment and Cleaning Up:

Clean up with suitable absorbent and dispose according to regulations. Rinse with water.

SECTION 7 – HANDLING AND STORAGE

Precautions for Safe Handling:

Always wash hands with soap and water before handling food.

Conditions for Safe Storage, Including any Incompatibilities:

Incompatible with oxidizing agents. Store in closed container. Store away from children, food items and potable water.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye/Face Protection:

None required under normal use. If a splash of concentrated solution is likely, protective goggles may be needed.

Hand Protection:

None required under normal use. Use protective latex, butyl or natural rubber gloves if prolonged contact with concentrated solution is likely.

Respiratory Protection:

None required under normal use if good ventilation is maintained.

Appropriate Engineering Controls:

None required under normal use. General ventilation normally adequate.

Leak and Spill Procedures:

Clean-up with suitable absorbent. Rinse with water.

Waste Disposal:

Dispose according to local/municipal, state/provincial and national/federal regulations.

Handling Procedures/Equipment:

Not applicable.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Colour:	Water thin, clear blue
Odour:	Mild odour
pH:	12.5 +/- 0.2
Odour Threshold:	No data available
Specific Gravity:	1.04 +/- 0.005
Solubility (water)	Soluble
Coefficient of Water/Oil Distribution:	No data available
Vapour Pressure:	No data available
Vapour Density:	No data available
Evaporation Rate:	No data available
Initial Boiling Point:	100°C/212°F
Freezing Point:	0°C/32°F
VOC (Weight %):	0%

SECTION 10 – STABILITY AND REACTIVITY**Chemical Stability:**

Stable.

Incompatible Materials:

Strong oxidizing agents.

Conditions to Avoid:

None.

Hazardous Decomposition Products:

None.

Possibility of Hazardous Reactions:

Will not occur.

SECTION 11 – TOXICOLOGICAL INFORMATION

Effects of Acute Exposure:	Can cause eye irritation. Can cause skin irritation. Harmful if swallowed.
Effects of Chronic Exposure:	None known.
Irritancy:	Eye and skin irritant.
Carcinogenicity:	None known.
Toxicologically Synergistic Materials:	None known.
Reproductive Toxicity:	None known.
Sensitization:	None known.
Teratogenicity:	None known.
Germ Cell Mutagenicity:	None known.

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity:

Product conforms with legislation.

Aquatic Toxicity:

No concerns at relevant environmental concentrations.

Persistence and Degradability:

Biodegradable.

SECTION 13 – DISPOSAL CONSIDERATIONS

Disposal Instructions:

Dispose of according to all federal, state/provincial and local/municipal regulations.

SECTION 14 – TRANSPORT INFORMATION

UN Classification: Not regulated

See shipping documents for specific transportation information.

SECTION 15 – REGULATORY INFORMATION

Canadian Regulations

WHMIS: Class D, Division 2, Sub-Division B

DSL: All ingredients listed on DSL.

US Federal Regulations

California Proposition 65 – This product is not subject to the reporting requirements under California Proposition 65

TSCA: All ingredients listed on TSCA.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.

SECTION 16 – OTHER INFORMATION

SDS Prepared by: Enerspec HSE Department

Original Preparation Date: January 2014

Revision Date: June 28, 2018

Revision Number: 2

Reason for Revision: Formatting & review

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.