

Material Safety Data Sheet

Revision Date 07-Mar-2011

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product code YL2240
Product name QUICK PEEL
Recommended Use Degreaser / Deodorizer

Supplier Drummond Canada
7315 Rapistan Court
Mississauga, ON L5N 5Z4
(800) 323-5922

Emergency telephone number (888) 426-4851

2. HAZARDS IDENTIFICATION

Emergency Overview
Irritant. Flammable.

Aggravated Medical Conditions

Pre-existing skin, eye, or respiratory conditions may be aggravated by exposure to this product.

Principal Routes of Exposure

Eyes. Skin. Ingestion. Inhalation.

Potential health effects

Eyes May cause the following effects: Severe irritation.

Skin Prolonged skin contact may defat the skin and produce dermatitis. Skin Irritation.

Inhalation May cause irritation of respiratory tract. Possible asphyxiation.

Ingestion Harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
D-Limonene	5989-27-5	60-100
Nonylphenol Ethoxylate	9016-45-9	7-13

4. FIRST AID MEASURES

Eye contact Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Seek medical attention if irritation persists.

Skin contact Remove and wash contaminated clothing before re-use. Wipe excess from skin and flush with water using soap if available. Seek medical attention if irritation persists.

Ingestion Give victim a glass of water or milk. Keep head below hips if vomiting occurs. Vomiting may cause aspiration pneumonia. Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a physician or Poison Control Center immediately.

Inhalation Remove to fresh air. Provide oxygen or artificial respiration if necessary. Keep warm and quiet. Immediate medical attention is required.

5. FIRE FIGHTING MEASURES

Flash point °C 46
Flash point °F 115
Method Tag Closed Cup

Autoignition temperature °C No data available
Autoignition temperature °F No data available

Flammability Limits (% in Air)
Upper No data available
Lower No data available

Suitable extinguishing media
Carbon dioxide (CO₂). Dry chemical. Foam. Water fog.

Extinguishing media which must NOT be used for safety reasons
Do not use a solid water stream as it may scatter and spread fire .

Special protective equipment for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Specific hazards

Flammable .

Fire and Explosion Hazards

Water or foam may cause frothing. Water should be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat .

Sensitivity to shock
No information available.

Sensitivity to static discharge
No information available.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions
Evacuate personnel to safe areas.

Methods for cleaning up

Eliminate all sources of ignition. Flush area with water. Ventilate area to maintain exposure below permissible exposure limits. Do not allow product to reach sewage system, soil, surface or ground water, or any water course. Notify proper authorities if entry occurs. Soak up with noncombustible inert absorbent material. Dispose of absorbent in accordance with local, state and federal regulations. Use caution as spill may create a slip hazard.

7. HANDLING AND STORAGE**Handling**

Keep away from open flames, hot surfaces and sources of ignition. Do not smoke while using. Avoid breathing vapors or mists. Keep out of reach of children.

Storage

Keep containers tightly closed in a cool, well-ventilated place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name	OSHA PEL (TWA)	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
D-Limonene	-	-	-	-
Nonylphenol Ethoxylate	-	-	-	-

Ventilation and Environmental Controls

Adequate ventilation should be provided to keep exposure levels below current acceptable exposure limits.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice. Wash hands after handling the product.

Respiratory protection

Use NIOSH approved respirator if TLV limit is exceeded.

Hand Protection

For prolonged or repeated skin contact, use a chemically resistant glove such as nitrile or neoprene. Wash hands with soap and water after removing gloves. Dry hands thoroughly before re-applying gloves. .

Eye protection

Use safety eyewear designed to protect against splash of liquids. ANSI approved safety glasses or splash goggles with face shield are recommended. Contact lenses should not be worn.

Skin and body protection

None necessary under normal conditions

Other Protective Equipment

A safety shower and eye wash station should be available for emergency use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Liquid
Color	Clear Orange
Odor	Citric
Odor Threshold	Not Applicable

pH	No data available
Specific Gravity	0.8595
Vapor pressure	No data available
Vapor density	> 1 (Air=1)
Evaporation Rate	<1 (Butyl Acetate = 1)
Water solubility	Partly soluble
VOC Content	94.5%
Partition Coefficient (n-octanol/water)	Not Applicable
Boiling point/range °C	No data available
Boiling point/range °F	No data available
Melting point/range °C	Not Applicable
Melting point/range °F	Not Applicable
Flash point °C	46
Flash point °F	115

10. STABILITY AND REACTIVITY

Stability
Stable.

Conditions to avoid
None known.

Incompatibility
Strong oxidizing agents.

Hazardous Decomposition Products

Thermal decomposition can lead to release of irritating gases and vapours. Carbon dioxide. Carbon monoxide. Toxic fumes.

Polymerization

Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION**Component Information**

Chemical Name	LD50 (oral,rat)	LD50 (dermal,rat/rabbit)	LC50 (inhalation,rat)
<i>D-Limonene</i> 5989-27-5	4400 mg/kg	2000 mg/kg	-
<i>Nonylphenol Ethoxylate</i> 9016-45-9	1310 mg/kg	2 mL/kg	-

Synergistic Products None known

Potential health effects

Sensitization None known

Chronic toxicity None known

Mutagenic effects None known

Teratogenic effects None known

Reproductive toxicity None known

Target Organ Effects See Section 2

Carcinogenic effects

See table below

Chemical Name	ACGIH OEL - Carcinogens	IARC	NTP - Known Carcinogens	NTP - Suspected Human Carcinogens	OSHA RTK Carcinogens
D-Limonene	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Nonylphenol Ethoxylate	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed

12. ECOLOGICAL INFORMATION**13. DISPOSAL CONSIDERATIONS****Waste from residues / unused products**

Dispose in accordance with federal, state, and local regulations.

14. TRANSPORTATION INFORMATION**DOT**

Not Regulated

TDG

Not Regulated

15. REGULATORY INFORMATION**US EPA SARA 313****State Regulations**

Chemical Name	New Jersey - RTK	Pennsylvania - RTK	California Prop. 65
D-Limonene	Not Listed	Not Listed	Not Listed
Nonylphenol Ethoxylate	Not Listed	Not Listed	Not Listed

International Inventories

Chemical Name	EINECS	DSL	NDSL	TSCA
D-Limonene	X	X	-	X
Nonylphenol Ethoxylate	-	X	-	X

CPR

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

16. OTHER INFORMATION**HMIS**

Health - 1
 Flammability - 2
 Physical Hazard - 0

Prepared By

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The information accumulated herein is believed to be accurate, but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.