

Revision Date 17-Jul-2006

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product code DA6320
Product name CLEARCUT
Recommended Use Lubricant
Supplier Drummond American Corporation
 600 Corporate Woods Parkway
 Vernon Hills, IL 60061
 (847) 913-9313
Emergency telephone number (888) 426-4851

2. HAZARDS IDENTIFICATION

Emergency Overview

Flammable. Irritant. Harmful if swallowed.

Color Colorless

Odor No information available

Form Aerosol

Aggravated Medical Conditions None Known.

Principal Routes of Exposure Inhalation. Eyes. Skin contact.

Potential health effects

Eyes Irritation. Redness. Itching. Burning sensation.

Skin Repeated or prolonged exposure may cause:. Skin Irritation. Redness. Itching. Burning sensation.

Inhalation Repeated or prolonged exposure may cause the following effects. Headaches. Dizziness. Nausea. Upper respiratory tract irritation. Central nervous system effects. Loss of coordination. Extreme overexposure may cause. Possible unconsciousness. Death.

Ingestion May be harmful if swallowed.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Propane	74-98-6	3-7
Butane	106-97-8	3-7
Petroleum distillates, hydrotreated heavy naphthenic	64742-52-5	40-70
Petroleum distillates, solvent-refined heavy naphthenic	64741-96-4	10-30

4. FIRST AID MEASURES

Eye contact	Flush with plenty of water for at least 15 minutes. Seek medical attention.
Skin contact	Wash off immediately with soap and plenty of water. Remove and wash contaminated clothing before re-use.
Ingestion	Do not induce vomiting. Give several glasses of water. Seek medical attention.
Inhalation	Remove from exposure. Restore breathing. Keep warm and quiet. Contact physician if breathing difficulty develops.

5. FIRE FIGHTING MEASURES

Flash point °C	< -17
Flash point °F	< 0
Method	No information available

Autoignition temperature °C	Not Applicable
Autoignition temperature °F	Not Applicable

Flammability Limits (% in Air)

Upper	9.5
Lower	1.9

Specific Information for Aerosol Products

Flame extension	> 13"
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Suitable extinguishing media

Carbon dioxide (CO₂). Dry chemical. Foam.

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.

Fire and Explosion Hazards

Keep product and empty container away from heat and sources of ignition. Water should be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat. Water spray may be ineffective. If water is used, fog nozzles are preferable. During emergency conditions, overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

Sensitivity to shock

No information available.

Sensitivity to static discharge

No information available.

6. ACCIDENTAL RELEASE MEASURES

Methods for cleaning up

Eliminate all sources of ignition. Ventilate area to maintain exposure below permissible exposure limits. Soak up with inert absorbent material. Dispose of absorbent in accordance with local, state and federal regulations.

7. HANDLING AND STORAGE

Handling

Keep container closed when not in use. Do not puncture or incinerate. Heat from sunlight, radiators, stoves, hot water, and other heat sources could cause container to burst. Remove all sources of ignition. Check to make sure that all equipment is properly grounded and installed to satisfy electrical classification requirements. Ground and bond containers when transferring material. Do not take internally. Keep out of reach of children.

Storage

Store in temperatures below 120 degrees F. Store in a well ventilated area. Vapors may accumulate readily and may ignite explosively .

NFPA Storage Code

Store as Level 3 Aerosol (NFPA 30B)

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits

Chemical Name	OSHA PEL (TWA)	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
Petroleum distillates, hydrotreated heavy naphthenic	-	-	-	-
Petroleum distillates, solvent-refined heavy naphthenic	-	-	-	-
Butane	800 ppm	-	1000 ppm	-
Propane	1000 ppm 1800 mg/m ³	-	1000 ppm	-

Ventilation and Environmental Controls

Adequate ventilation should be provided to keep exposure levels below current acceptable exposure limits. Local: recommended. General: as necessary.

Hygiene measures

Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes and clothing.

Personal protective equipment

Respiratory protection

Wear a NIOSH approved organic vapor/particulate respirator. Protection provided by air purifying respirators is limited. Use a positive pressure supplied air respirator. if there is any potential for an uncontrolled release. where exposure levels are not known. or other circumstances where an air purifying respirator (P100) may not provide adequate protection .

Hand Protection

Gloves are not required in normal use. 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.

Skin and body protection

None necessary under normal conditions

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Aerosol	Color	Colorless
Odor	No information available	Odor Threshold	Not Applicable
pH	Not Applicable	Specific Gravity	0.86
Vapor pressure	Not Applicable	Vapor density	>1 (Air = 1)
Evaporation Rate	>1 (Ether =1)	Density	7.13 lbs/gal
Water solubility	No data available	Partition Coefficient (n-octanol/water)	Not Applicable
		Boiling point/range °C	< -18 - 1
Boiling point/range °F	< 0 - 34	Melting point/range °C	Not Applicable
Melting point/range °F	Not Applicable	Flash point °C	< -17
Flash point °F	< 0		

10. STABILITY AND REACTIVITY

Stability

Stable.

Conditions to avoid

None known.

Incompatibility

None.

Hazardous Decomposition Products

Carbon dioxide. Carbon monoxide.

Polymerization

Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

Component Information

Chemical Name	LD50 (oral,rat)	LD50 (dermal,rat/rabbit)	LC50 (inhalation,rat)
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<i>Petroleum distillates, hydrotreated heavy naphthenic</i> 64742-52-5	5000 mg/kg	2000 mg/kg	2.18 mg/L
<i>Petroleum distillates, solvent-refined heavy naphthenic</i> 64741-96-4	5000 mg/kg	2000 mg/kg	2.18 mg/L
<i>Butane</i> 106-97-8	-	-	658 g/m ³
<i>Propane</i> 74-98-6	-	658 mg/kg	-

Synergistic Products

None known

Potential health effects**Sensitization**

None known

Chronic toxicity

See Section 2 . Repeated and prolonged exposure to solvents may cause brain and nervous system damage.

Mutagenic effects

None known

Teratogenic effects

None known

Reproductive toxicity

None known

Target Organ Effects

None Known

Carcinogenic effects

See table below

Chemical Name	ACGIH OEL - Carcinogens	IARC	NTP - Known Carcinogens	NTP - Suspected Human Carcinogens	OSHA RTK Carcinogens
Petroleum distillates, hydrotreated heavy naphthenic	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Petroleum distillates, solvent-refined heavy naphthenic	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Butane	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Propane	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed

Specific Hazards

Misuse by deliberately concentrating vapors and inhaling contents can be harmful or fatal.

12. ECOLOGICAL INFORMATION

No Information Available

13. DISPOSAL CONSIDERATIONS

Disposal Information

As supplied, this product is a RCRA Hazardous Waste . Waste must be tested for ignitability to determine EPA hazardous waste numbers. Do not puncture or incinerate. Depressurize before disposal.

Waste from residues / unused products

Dispose of all product, residues and clean-up materials in accordance with local, state, and federal regulations.

14. TRANSPORT INFORMATION

DOT

UN1950 Aerosols, flammable (Propane/Butane), Class 2.1

Exception: (Compressed Gas not more than 1.0L) Consumer Commodity ORM-D

TDG

UN1950 AEROSOLS, flammable (Propane/Butane), Class 2.1

IMDG/IMO

UN1950 AEROSOLS (Propane/Butane), Class 2.1

IATA

UN1950 Aerosols, flammable (Propane/Butane), Class 2.1

MEX

UN1950 AEROSOLS (Propane/Butane),2.1

15. REGULATORY INFORMATION

Chemical Name	New Jersey - RTK	Pennsylvania - RTK	California Prop. 65
Petroleum distillates, hydrotreated heavy naphthenic	Not Listed	Not Listed	Not Listed
Petroleum distillates, solvent-refined heavy naphthenic	Not Listed	Not Listed	Not Listed
Butane	Listed	Listed	Not Listed
Propane	Listed	Listed	Not Listed

Chemical Name	EINECS	DSL	NDSL	TSCA
Petroleum distillates, hydrotreated heavy naphthenic	X	X	-	X
Petroleum distillates, solvent-refined heavy naphthenic	X	X	-	X
Butane	X	X	-	X
Propane	X	X	-	X

CPRC

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

NFPA		HMIS	
Health	-	Health	1
Flammability	-	Flammability	4
Reactivity	-	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.