

Material Safety Data Sheet

Revision Date 01-May-2012

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product code DA6750
Product name SCOT-FREE
Recommended Use Lubricant

Supplier Drummond, A Lawson Brand
Lawson Products, Inc.
8770 W.Bryn Mawr Ave.- Suite 900
Chicago, IL 60631
1-866-529-7664

Emergency telephone number (888) 426-4851

2. HAZARDS IDENTIFICATION

Emergency Overview

Flammable. Irritating to respiratory system. Irritating to eyes. Vapors may cause flash fire or explosion.

Aggravated Medical Conditions

None Known

Principal Routes of Exposure

Skin contact. Inhalation. Ingestion. Eyes.

Potential health effects

Eyes May cause the following effects: Irritation. Pain. Tearing. Reddening. Swelling. Stinging sensation. Feeling like that of fine dust in the eye.

Skin Repeated or prolonged exposure may cause skin irritation and dermatitis, due to degreasing properties of the product. Defatting.

Inhalation Harmful by inhalation. Long-term exposure may cause the following effects: Headaches. Dizziness. Nausea. Decreased blood pressure. Changes in heart rate. Cyanosis. Central nervous system effects. Lung damage.

Ingestion Harmful or fatal if swallowed. Corrosive. If ingested, severe burns of the mouth and throat, as well as a danger of perforation of the esophagus and the stomach.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Naphtha (petroleum), heavy alkylate	64741-65-7	50-60
Propane/Isobutane/N-Butane	68476-86-8	20-30
Kerosene	8008-20-6	1-10
Petroleum distillates, solvent dewaxed heavy paraffinic	64742-65-0	1-10

D-Limonene	5989-27-5	1-10
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4. FIRST AID MEASURES

Eye contact Flush eyes with plenty of water. Seek medical attention if irritation persists.

Skin contact Wash off immediately with plenty of water. Remove and wash contaminated clothing before re-use. Call a physician immediately.

Ingestion Immediate medical attention is required. Do Not induce vomiting. Give victim a glass of water or milk. Call a physician or Poison Control Center immediately. Never give anything by mouth to an unconscious person.

Inhalation Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Immediate medical attention is required.

5. FIRE FIGHTING MEASURES

Flash point °C - 90
Flash point °F - 130
Method Pensky-Martens C.C.

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

Flammability Limits (% in Air)

Upper 9.5
Lower 0.6

Suitable extinguishing media

Carbon dioxide (CO2). Dry chemical powder. Foam. Water fog.

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

Extremely flammable .

Fire and Explosion Hazards

Flash back possible over considerable distance. Keep product and empty container away from heat and sources of ignition. Empty containers contain residue and/or vapors. Do not weld, cut, pressurize, braze, solder, drill, grind, or expose such containers to heat, sparks, flame, static electricity, or other sources of ignition. They may explode and cause injury or death. Vapors are heavier than air and may travel along the ground to an ignition source distant from material handling area. Possible ignition sources include pilot lights, flames, lighted cigarettes, heating elements, electric motors, sparks from electrical switches. 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**Methods for cleaning up**

Dam and contain spill using sand or other inert material. Place in suitable container for disposal as hazardous waste.

7. HANDLING AND STORAGE**Handling**

Keep in a well-ventilated place. Use only according to label directions. Thoroughly wash hands and exposed skin after handling. Handle empty containers as if they were full. Empty containers are very hazardous. Minimize skin contact. Avoid breathing vapors. Avoid contact with skin, eyes and clothing.

Storage

Keep away from open flames, hot surfaces and sources of ignition. Do not freeze.

NFPA Storage Code

Store as Level 3 Aerosol (NFPA 30B)

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name	OSHA PEL (TWA)	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
Naphtha (petroleum), heavy alkylate	-	-	-	-
Propane/Isobutane/N-Butane	-	-	-	N/D
Kerosene	-	-	-	-
D-Limonene	-	-	-	-
Petroleum distillates, solvent dewaxed heavy paraffinic	-	-	-	-

Ventilation and Environmental Controls

Use enough ventilation, local exhaust at the work area, general, or both, to keep below the TLV's in the worker's breathing zone and the general area.

Hygiene measures

Wash hands before eating or using the washroom. Avoid contact with skin, eyes and clothing.

Respiratory protection

Seek professional advice prior to respirator selection and use. 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

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

Other Protective Equipment

Wear appropriate clothing to prevent skin contact. The following items should be worn when using this product: Rubber boots.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Aerosol
Color	Amber
Odor	Citric
Odor Threshold	No information available
pH	No data available
Specific Gravity	0.7137
Vapor pressure	No data available
Vapor density	>Air
Evaporation Rate	>1 (Butyl Acetate = 1)
Water solubility	Negligible
VOC Content	94.57%
Partition Coefficient (n-octanol/water)	Not Applicable
Boiling point/range °C	-30.6 - 272
Boiling point/range °F	-23 - 522
Melting point/range °C	No data available
Melting point/range °F	No data available
Flash point °C	- 90
Flash point °F	- 130

10. STABILITY AND REACTIVITY**Stability**

Stable under normal conditions.

Conditions to avoid

Contact with ignition sources, hot-glowing surfaces, electrical arcs, sparks, and open flame.

Incompatibility

Strong acids. Alkalies. Oxidizers.

Product code **DA6750**Product name **SCOT-FREE****Hazardous Decomposition Products**

Carbon oxides. Nitrogen oxide. Fluorinated degradation products.

Polymerization

Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION**Component Information**

Chemical Name	LD50 (oral, rat)	LD50 (dermal ,rat/rab bit)	LC50 (inhalation, rat)
Naphtha (petroleum), heavy alkylate 64741-65-7	7000 mg/kg	2000 mg/kg 3000 mg/kg	5.04 mg/L
Propane/Isobutane/N-Butane 68476-86-8	-	-	-
Kerosene 8008-20-6	5000 mg/kg	2000 mg/kg	5.28 mg/L
D-Limonene 5989-27-5	4400 mg/kg	2000 mg/kg	-
Petroleum distillates, solvent dewaxed heavy paraffinic 64742-65-0	5000 mg/kg	5000 mg/kg	4.7 mg/L

Synergistic Products None known**Potential health effects****Sensitization** None known**Chronic toxicity** See Section 2 .**Mutagenic effects** None known**Teratogenic effects** None known**Reproductive toxicity** None known**Target Organ Effects** Long term exposure to vapor may cause kidney damage. Long term exposure to vapor may cause lung damage.**Carcinogenic effects** See table below

Chemical Name	ACGIH OEL - Carcinogens	IARC	NTP - Known Carcinogens	NTP - Suspected Human Carcinogens	OSHA RTK Carcinogens
Naphtha (petroleum), heavy alkylate	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Propane/Isobutane/N-Butane	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Kerosene	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
D-Limonene	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed

12. ECOLOGICAL INFORMATION

Naphtha (petroleum), heavy alkylate

Water Flea Data*Mysidopsis bahia* LC50=2 mg/L (48 h)

Petroleum distillates, solvent dewaxed heavy paraffinic

Water Flea Data*Daphnia magna* EC50>1000 mg/L (48 h)**13. DISPOSAL CONSIDERATIONS****Waste from residues / unused products**

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

14. TRANSPORTATION INFORMATION**DOT**

Consumer commodity, ORM-D

TDG

UN1950 AEROSOLS, flammable, 2.1

15. REGULATORY INFORMATION**State Regulations**

Chemical Name	New Jersey - RTK	Pennsylvania - RTK	California Prop. 65
Naphtha (petroleum), heavy alkylate	Not Listed	Not Listed	Not Listed
Propane/Isobutane/N-Butane	Not Listed	Not Listed	Not Listed
Kerosene	Listed	Listed	Not Listed
D-Limonene	Not Listed	Not Listed	Not Listed
Petroleum distillates, solvent dewaxed heavy paraffinic	Not Listed	Not Listed	Not Listed

International Inventories

Chemical Name	EINECS	DSL	NDSL	TSCA
Naphtha (petroleum), heavy alkylate	X	X	-	X
Propane/Isobutane/N-Butane	X	X	-	X
Kerosene	X	X	-	X
D-Limonene	X	X	-	X
Petroleum distillates, solvent dewaxed heavy paraffinic	X	X	-	X

Product code **DA6750**

Product name **SCOT-FREE**

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 - 4

Physical Hazard - 0

Prepared By

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Engineer

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.