

Drummond

Scandal Swipes

Material Safety Data Sheet

Revision Date 14-Nov-2011

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product code DN4740
Product name **SCANDAL SWIPES**
Recommended Use Cleaner

Supplier Drummond, A Lawson Brand
Lawson Products, Inc.
1666 East Touhy Avenue
Des Plaines, IL 60018
1-866-529-7664

Emergency telephone number (888) 426-4851

2. HAZARDS IDENTIFICATION

Emergency Overview

Flammable Liquid. Vapors irritating to eyes and respiratory tract.

Aggravated Medical Conditions

Pre-existing skin conditions may be aggravated by exposure to this product. Pre-existing lung disorders. Pre-existing kidney and/or liver disorders may be aggravated by exposure to this product. Impaired blood functions may be aggravated by use of this product.

Principal Routes of Exposure

Eyes. Ingestion. Inhalation. Skin.

Potential health effects

Eyes	May cause the following effects: Redness. Tearing. Burn.
Skin	Chronic exposure causes drying effect on the skin. Redness. Repeated or prolonged exposure may cause: Severe irritation. Dermatitis. May be absorbed through the skin in harmful amounts.
Inhalation	Dizziness. Fatigue. Loss of coordination. May cause irritation of the nose and throat. Upper respiratory tract irritation. Central nervous system effects. Misuse by deliberately concentrating vapors and inhaling contents can be harmful or fatal.
Ingestion	May cause the following effects. Drowsiness. Dizziness. Fatigue. Loss of coordination.

3. COMPOSITION / INFORMATION ON INGREDIENTS

The following component(s) in this product are considered hazardous under applicable OSHA(USA) and/or WHMIS(Canada) regulations.

Chemical Name	CAS-No	Weight %
Water	7732-18-5	15-40
Dimethyl Glutarate	1119-40-0	15-40
Dimethyl Adipate	627-93-0	10-30
Tripropylene Glycol Methyl Ether	25498-49-1	10-30
Acetone	67-64-1	7-13
Propylene glycol monomethyl ether	107-98-2	7-13
2-Butoxyethanol	111-76-2	5-10
n-Amyl acetate	628-63-7	3-7
Dimethyl Succinate	106-65-0	3-7

4. FIRST AID MEASURES

Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call a physician immediately.
Skin contact	Flush area with water for 15 minutes. Remove and wash contaminated clothing before re-use. Seek medical attention if irritation persists.
Ingestion	Call a physician or Poison Control Center immediately. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.
Inhalation	Move to fresh air. Provide oxygen or artificial respiration if necessary. If symptoms persist, call a physician.

5. FIRE FIGHTING MEASURES

Flash point °C	17.78
Flash point °F	64
Method	Pensky-Martens C.C.

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. Dry chemical. 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

Special Fire-Fighting Procedures

Treat as a fuel oil fire.

Product code **DN4740**Product name **SCANDAL
SWIPES****Fire and Explosion Hazards**

Combustible liquid on towel. Water should be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat. Do not release run-off from fire control methods to sewers or waterways.

Hazardous decomposition products

See Section 10.

Sensitivity to shock

No information available.

Sensitivity to static discharge

No information available.

6. ACCIDENTAL RELEASE MEASURES**Methods for cleaning up**

Do not allow product to reach sewage system, soil, surface or ground water, or any water course. Notify proper authorities if entry occurs. Dike or dam large spills. Soak up excess with absorbent material. Pick up and transfer to properly labelled containers.

7. HANDLING AND STORAGE**Handling**

Ensure adequate ventilation. Keep away from open flames, hot surfaces and sources of ignition. Do not cut, drill, grind, or weld near containers. Do not get on skin or in eyes. Thoroughly wash hands and exposed skin after handling. Do not swallow. Do not smoke while using. Avoid breathing vapors. Use only according to label directions. Keep out of reach of children. Keep container closed when not in use.

Storage

Keep away from heat and sources of ignition. Keep in a dry, cool and well-ventilated place. Keep away from food, beverages, and feed. Keep out of the reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name	OSHA PEL (TWA)	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
Dimethyl Glutarate	-	-	-	-
Water	-	-	-	-
Tripropylene Glycol Methyl Ether	-	-	-	-
Dimethyl Adipate	-	-	-	-
Propylene glycol monomethyl ether	-	-	100 ppm	150 ppm
2-Butoxyethanol	240 mg/m ³ 50 ppm	-	20 ppm	-
Acetone	1000 ppm 2400 mg/m ³	-	500 ppm	750 ppm
Dimethyl Succinate	-	-	-	-

n-Amyl acetate	100 ppm 525 mg/m ³	-	50 ppm	100 ppm
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Ventilation and Environmental Controls

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

Hygiene measures

General industrial hygiene practice.

Respiratory protection

None required if adequate ventilation is provided. Use NIOSH approved respirator if TLV limit is exceeded.

Hand Protection

Impervious gloves.

Eye protection

ANSI approved safety glasses or splash goggles are recommended.

Skin and body protection

None necessary under normal conditions

Other Protective Equipment

Wear appropriate clothing to minimize skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Liquid on cloth towelette
Color	Clear
Odor	Sweet
Odor Threshold	No information available
pH	6.3
Specific Gravity	0.986
Vapor pressure	No data available
Vapor density	>1 (Air = 1)
Evaporation Rate	No data available
Water solubility	Miscible
VOC Content	295.80 g/l; 30%
Partition Coefficient (n-octanol/water)	No data available
Boiling point/range °C	> 100
Boiling point/range °F	> 212
Melting point/range °C	No data available
Melting point/range °F	No data available
Flash point °C	17.78
Flash point °F	64

10. STABILITY AND REACTIVITY**Stability**

Stable.

Conditions to avoid

Avoid heat, sparks, and other sources of ignition.

Incompatibility

Alkalis. Acids. Oxidizers. Hydroxides.

Product code **DN4740**Product name **SCANDAL
SWIPES****Hazardous Decomposition Products**

Carbon dioxide. Carbon monoxide. smoke. Soot. Various organic oxidation by-products.

Polymerization

Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION**Component Information**

Chemical Name	LD50 (oral, rat)	LD50 (dermal, rat/rabbit)	LC50 (inhalation, rat)
Dimethyl Glutarate 1119-40-0	8191 mg/kg	-	5.6 mg/L
Water 7732-18-5	90 mL/kg	-	-
Tripropylene Glycol Methyl Ether 25498-49-1	3184 mg/kg	15440 mg/kg	-
Dimethyl Adipate 627-93-0	1920 mg/kg	-	-
Propylene glycol monomethyl ether 107-98-2	5200 mg/kg	13000 mg/kg	54.6 mg/L 24 mg/L
2-Butoxyethanol 111-76-2	470 mg/kg	220 mg/kg 2270 mg/kg	2.21 mg/L 450 ppm
Acetone 67-64-1	5800 mg/kg	-	-
Dimethyl Succinate 106-65-0	5000 mg/kg	5000 mg/kg	-
n-Amyl acetate 628-63-7	1600 mg/kg	-	-

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 None Known.

Carcinogenic effects See table below

Chemical Name	ACGIH OEL - Carcinogens	IARC	NTP - Known Carcinogens	NTP - Suspected Human Carcinogens	OSHA RTK Carcinogens
Dimethyl Glutarate	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Water	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Tripropylene Glycol Methyl Ether	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Dimethyl Adipate	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Propylene glycol monomethyl ether	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
2-Butoxyethanol	Listed	Not Listed	Not Listed	Not Listed	Not Listed
Acetone	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Dimethyl Succinate	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
n-Amyl acetate	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed

12. ECOLOGICAL INFORMATION**Dimethyl Glutarate****Water Flea Data***Daphnia magna* hEC50 48 (122.1 - 163.5 mg/L)**Tripropylene Glycol Methyl Ether****Water Flea Data***Daphnia magna* hEC50 48 (>10 mg/L)**Propylene glycol monomethyl ether****Water Flea Data***water flea* hEC50 96 (10457 mg/L)**2-Butoxyethanol****Water Flea Data***water flea* hEC50 24 (1720 mg/L)*Daphnia magna* hLC50 24 (1698 - 1940 mg/L)**Acetone****Microtox Data***Photobacterium phosphoreum* EC50=14500 mg/L (15 min)**Water Flea Data***water flea* hEC50 48 (0.0039 mg/L)*water flea* hEC50 48 (12700 mg/L)*Daphnia magna* hEC50 48 (12600 mg/L)*water flea* hEC50 48 (0.0039 mg/L)**13. DISPOSAL CONSIDERATIONS****Disposal Information**

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

Waste from residues / unused products

As supplied, this product is a RCRA Hazardous Waste .

14. TRANSPORTATION INFORMATION**DOT**

Product code **DN4740**Product name **SCANDAL
SWIPES****14. TRANSPORTATION INFORMATION**

Consumer commodity, ORM-D

TDG

Consumer commodity, ORM-D

Prepared ByV. Shargorodsky, Regulatory Affairs
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.

15. REGULATORY INFORMATION

US EPA SARA 313 Glycol ethers are listed under the Hazardous Air Pollutants (HAPS) category "glycol ethers" as specified in the Clean Air Act, and here for Clean Air Act reporting purposes

State Regulations

Chemical Name	New Jersey - RTK	Pennsylvania - RTK	California Prop. 65
Dimethyl Glutarate	Not Listed	Not Listed	Not Listed
Water	Not Listed	Not Listed	Not Listed
Tripropylene Glycol Methyl Ether	Not Listed	Not Listed	Not Listed
Dimethyl Adipate	Not Listed	Not Listed	Not Listed
Propylene glycol monomethyl ether	Listed	Listed	Not Listed
2-Butoxyethanol	Listed	Listed	Not Listed
Acetone	Not Listed	Not Listed	Not Listed
Dimethyl Succinate	Not Listed	Not Listed	Not Listed
n-Amyl acetate	Listed	Listed	Not Listed

International Inventories

Chemical Name	EINECS	DSL	NDSL	TSCA
Dimethyl Glutarate	X	X	-	X
Water	X	X	-	X
Tripropylene Glycol Methyl Ether	X	X	-	X
Dimethyl Adipate	X	X	-	X
Propylene glycol monomethyl ether	X	X	-	X
2-Butoxyethanol	X	X	-	X
Acetone	X	X	-	X
Dimethyl Succinate	X	X	-	X
n-Amyl acetate	X	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 - 2
Flammability - 3
Physical Hazard - 0