

Material Safety Data Sheet



Revision Date 06-May-2005

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product code DA7940
Product name Sluff
Recommended Use Solvent
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. Harmful if swallowed. Irritant.

Color Colorless

Odor Slight

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 %
Petroleum distillates, hydrotreated light	64742-47-8	30-60
Propane	74-98-6	10-30
Butane	106-97-8	15-40

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. Immediate medical attention is required.
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	No data available
Autoignition temperature °F	

Flammability Limits (% in Air)	
Upper	9.5
Lower	1.3

Specific Information for Aerosol Products

Flame extension	Unknown
Flashback	Unknown

Suitable extinguishing media

Carbon dioxide (CO₂). Dry chemical. Foam.

Extinguishing media which must NOT be used for safety reasons

No information available.

Special Fire-Fighting Procedures

Firefighters should wear NIOSH/MSHA approved (or equivalent) self-contained pressure-demand breathing apparatus and full protective clothing. Avoid breathing of vapors. Avoid skin and eye contact.

Fire and Explosion Hazards

During emergency conditions, overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention. 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. .

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.

7. HANDLING AND STORAGE

Handling

Keep in a well-ventilated place. Turn off other sources of ignition prior to use and until all vapors have dissipated. Vapors may accumulate readily and may ignite explosively. Remove all sources of ignition. Keep away from open flame. Do not smoke. Check to make sure that all equipment is properly grounded and installed to satisfy electrical classification requirements. Contents under pressure. Do not puncture or incinerate. Heat from sunlight, radiators, stoves, hot water, and other heat sources could cause container to burst. Do not take internally. Keep out of reach of children.

Storage

Store in temperatures below 120 degrees F.

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)
Butane	800 ppm	-	1000 ppm 1000 ppm listed under aliphatic hydrocarbon gases alkane C1-C4	-
Petroleum distillates, hydrotreated light	-	-	-	-
Propane	1000 ppm 1800 mg/m ³	-	1000 ppm 1000 ppm listed under aliphatic hydrocarbon gases alkane C1-C4	-

Ventilation and Environmental Controls

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

Hygiene measures

Wash hands before breaks and immediately after handling the product.

Personal protective equipment

Other precautions

Avoid contact with the skin and the eyes

Respiratory protection

If the exposure limits are exceeded, a NIOSH/MSHA approved respirator is recommended.

Hand protection

Gloves are not required in normal use. The following gloves are recommended for prolonged or repeated contact: .
Chemical resistant gloves.

Eye protection

Wear safety glasses with side shields.

Skin and body protection

No information available

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Aerosol	Color	Colorless
Odor	Slight	Odor Threshold	No information available
pH	7.0	Specific Gravity	0.65
Vapor pressure	No data available	Vapor density	>1 (air=1)
Evaporation Rate	>1 (ether = 1)	VOC Content	606 gm/ltr
Water solubility	No data available	Partition Coefficient (n-octanol/water)	No data available
 		Boiling point/range °C	-18 - 121
Boiling point/range °F	0 - 484	Melting point/range °C	No data available
Melting point/range °F	No data available	Flash point °C	< -17
Flash point °F	< 0		

10. STABILITY AND REACTIVITY

Stability

Stable.

Conditions to avoid

None known.

Materials to avoid

None.

Hazardous decomposition products

Carbon dioxide. Carbon monoxide.

Polymerization

Will not occur.

Synergistic Products

No information available.

11. TOXICOLOGICAL INFORMATION

Component Information

Chemical Name	LD50 (oral, rat)	LD50 (dermal, rat/rabbit)	LC50 (inhalation, rat)
<i>Butane</i> 106-97-8	-	-	658 g/m ³

<i>Petroleum distillates, hydrotreated light 64742-47-8</i>	-	-	-
<i>Propane 74-98-6</i>	-	-	-

Potential health effects**Sensitization**

No information available.

Chronic toxicity

No information available.

Mutagenic effects

No information available.

Teratogenic effects

No information available

Reproductive toxicity

No information available

Target Organ Effects

No information available

Carcinogenic effects

See table below

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

12. ECOLOGICAL INFORMATION

No Information Available

13. DISPOSAL CONSIDERATIONS**Waste from residues / unused products**

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

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.

14. TRANSPORT INFORMATION

DOT

Consumer commodity (Butane,Propane),ORM-D,

TDG

AEROSOLS(Butane,Propane), Class 2.1,UN1950,PG

IMDG/IMO

Aerosols(Butane,Propane),UN1950,PG

IATAAerosols, flammable(Butane,Propane),UN1950
Hazard Class 2.1**MEX**

UN1950 Aerosols(Butane,Propane),2.2,

15. REGULATORY INFORMATION**State Regulations**

Chemical Name	New Jersey - RTK	Pennsylvania - RTK	California Prop. 65
Butane	Listed	Listed	Not Listed
Petroleum distillates, hydrotreated light	Not Listed	Not Listed	Not Listed
Propane	Listed	Listed	Not Listed

International Inventories

Chemical Name	EINECS	DSL	NDSL	TSCA
Butane	X X	X	-	X
Petroleum distillates, hydrotreated light	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	2	Health	2
Flammability	4		

Reactivity	0	Flammability	4
		Physical Hazard	0

Reason for revision No information available.

Prepared By T. Heidorn, MSDS Project Lead

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.