

# Material Safety Data Sheet

Revision Date 27-Jan-2012

## 1. CHEMICAL PRODUCT AND COMPANY INFORMATION

**Product code** DA6130  
**Product name** HIGH SPOT  
**Recommended Use** Cleaner

**Supplier** Drummond American  
A Lawson Products Company  
600 Corporate Woods Parkway  
Vernon Hills, IL 60061  
(847) 913-9313

**Emergency telephone number** (888) 426-4851

## 2. HAZARDS IDENTIFICATION

**Emergency Overview**  
Irritant.

### Aggravated Medical Conditions

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

### Principal Routes of Exposure

Eyes. Skin. Inhalation. Ingestion.

### Potential health effects

**Eyes** Burning sensation. Irritation.

**Skin** May cause skin irritation and/or dermatitis. Chronic exposure causes drying effect on the skin . Potentially harmful skin absorption.

**Inhalation** Respiratory irritation. Extreme overexposure may cause. Dizziness. Headaches. Nausea.

**Ingestion** May be harmful if swallowed. Red blood cell hemolysis.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
2-Butoxyethanol	111-76-2	10-30
EDTA	64-02-8	0.5-1.5
Organic Phosphate Ester	51811-79-1	1-5
Water	7732-18-5	60-70
L.P.G. (liquified petroleum gas)	68476-85-7	5-10

## 4. FIRST AID MEASURES

**Eye contact** Flush with plenty of water for at least 15 minutes. Keep eye wide open while rinsing. Seek medical attention if irritation persists.

**Skin contact** Remove contaminated clothing. Flush skin with water and follow by washing skin with soap and water. Seek medical attention if irritation persists.

**Ingestion** Seek medical attention.

**Inhalation** Move to fresh air. If breathing is difficult, give oxygen. Administer artificial respiration if not breathing. Seek medical attention.

## 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** No data available

**Flammability Limits (% in Air)**  
**Upper** 9.2  
**Lower** 1.8

### Suitable extinguishing media

Foam. Dry chemical powder. Carbon dioxide.

### 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

Water should be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat. Keep containers cool. Use shielding to protect against bursting or venting containers.

### 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. Pick up and transfer to properly labelled containers. Dispose of absorbent in accordance with local, state and federal regulations.

## 7. HANDLING AND STORAGE

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### Handling

Ensure adequate ventilation. Avoid breathing vapors. Keep away from open flames, hot surfaces and sources of ignition. Do not puncture or incinerate. Dropping of containers may cause bursting .

### Storage

Keep away from direct sunlight. Store in temperatures below 130 degrees F. Follow all label directions.

### NFPA Storage Code

Store as Level 1 Aerosol (NFPA 30B)

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name	OSHA PEL (TWA)	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
Water	-	-	-	-
2-Butoxyethanol	50 ppm 240 mg/m <sup>3</sup>	-	20 ppm	-
L.P.G. (liquified petroleum gas)	1000 ppm 1800 mg/m <sup>3</sup>	-	1000 ppm	2500 ppm
Organic Phosphate Ester	-	-	-	-
EDTA	-	-	-	-

### Ventilation and Environmental Controls

Provide local exhaust ventilation. Mechanical: optional.

### Hygiene measures

Handle in accordance with good industrial hygiene and safety practice.

### Respiratory protection

None required if adequate ventilation is provided. 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.

### Skin and body protection

Impervious clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Aerosol
Color	Clear
Odor	Pine
Odor Threshold	Not Applicable
pH	Not Applicable
Specific Gravity	< 1
Vapor pressure	115 @ 130F
Vapor density	> 1 (Air=1)
Evaporation Rate	< 1 (ether = 1)
Water solubility	Slightly soluble
VOC Content	No data available

### Partition Coefficient (n-octanol/water)

Not Applicable

### Boiling point/range °C

Not Applicable

### Boiling point/range °F

Not Applicable

### 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

Do not store above 130 degrees F. Avoid direct sunlight. Avoid open flames. Avoid heat, sparks, and other sources of ignition. Dropping of containers may cause bursting.

### Incompatibility

Strong oxidizers. Reactive metals.

### Hazardous Decomposition Products

Carbon dioxide. Carbon monoxide. Toxic chemicals.

### Polymerization

Hazardous polymerization does not occur

## 11. TOXICOLOGICAL INFORMATION

### Component Information

Chemical Name	LD50 (oral, rat)	LD50 (dermal, rat/rabbit)	LC50 (inhalation, rat)
Water 7732-18-5	90 mL/kg	-	-
2-Butoxyethanol 111-76-2	470 mg/kg	220 mg/kg 2270 mg/kg	2.21 mg/L 450 ppm
L.P.G. (liquified petroleum gas) 68476-85-7	-	-	-
Organic Phosphate Ester 51811-79-1	-	-	-
EDTA 64-02-8	10 g/kg	-	-

### Synergistic Products

None known

### Specific Hazards

2-Butoxyethanol may cause corneal injury and blood abnormalities, may be absorbed through the skin with toxic effects, and may cause damage to spleen and testes.

### Potential health effects

<b>Sensitization</b>	None known
<b>Chronic toxicity</b>	See Section 2 .
<b>Mutagenic effects</b>	None known
<b>Teratogenic effects</b>	None known
<b>Reproductive toxicity</b>	None known
<b>Target Organ Effects</b>	See Section 2
<b>Carcinogenic effects</b>	See table below

Chemical Name	ACGIH OEL - Carcinogens	IARC	NTP - Known Carcinogens	NTP - Suspected Human Carcinogens	OSHA RTK Carcinogens
Water	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
2-Butoxyethanol	A3	Not Listed	Not Listed	Not Listed	Not Listed
L.P.G. (liquified petroleum gas)	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Organic Phosphate Ester	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
EDTA	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed

## 12. ECOLOGICAL INFORMATION

### 2-Butoxyethanol

#### Water Flea Data

*Daphnia magna* EC501698 - 1940 mg/L (24 h)

*Daphnia magna* EC50>1000 mg/L (48 h)

### EDTA

#### Water Flea Data

*Daphnia magna* hEC50 24 (610 mg/L)

## 13. DISPOSAL CONSIDERATIONS

### Disposal Information

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

### Waste from residues / unused products

Do not puncture or incinerate. When contents are depleted, depress button until all gas is expelled.

## 14. TRANSPORTATION INFORMATION

### DOT

UN1950 Aerosols, flammable, 2.1

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

### TDG

UN1950 AEROSOLS, flammable, 2.1

## 15. REGULATORY INFORMATION

### US EPA SARA 313

Chemical Name	US EPA SARA 313 Emission Reporting
2-Butoxyethanol	Listed

### State Regulations

Chemical Name	New Jersey - RTK	Pennsylvania - RTK	California Prop. 65
Water	Not Listed	Not Listed	Not Listed
2-Butoxyethanol	Listed	Listed	Not Listed
L.P.G. (liquified petroleum gas)	Listed	Listed	Not Listed
Organic Phosphate Ester	Not Listed	Not Listed	Not Listed
EDTA	Not Listed	Not Listed	Not Listed

### International Inventories

Chemical Name	EINECS	DSL	NDSL	TSCA
Water	X	X	-	X
2-Butoxyethanol	X	X	-	X
L.P.G. (liquified petroleum gas)	X	X	-	X
Organic Phosphate Ester	-	X	-	X
EDTA	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** - 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.