This item was discontinued prior to GHS implementation.
A GHS Safety Data Sheet is not available for this item.

Material Safety Data Sheet

Revision Date *21-Oct-2014*

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product code DA6030
Product name Live Wire
Recommended Use Cleaner

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
Contents under pressure. Prolonged exposure may cause chronic effects.. Harmful in contact with eyes..

Aggravated Medical Conditions
None Known

Principal Routes of Exposure
Eyes. Ingestion. Inhalation. Skin absorption. Skin contact.

Potential health effects

Eyes May cause the following effects:. Irritation. Frostbite. Burn.

Skin Substance may cause slight skin irritation. dermatitis. Extreme overexposure may cause. Skin burns. Frostbite. Red blood cell hemolysis.

Inhalation Shortness of breath. Dizziness. Light headedness. Headaches. Nausea. Extreme overexposure may cause. Upper respiratory tract irritation. Possible asphyxiation. Misuse by deliberately concentrating vapors and inhaling contents can be harmful or fatal.

Ingestion Extreme overexposure may cause. Nausea. Diarrhea. Vomiting. Can burn mouth, throat, and stomach. May cause chemical pneumonitis if aspirated into lungs.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
2-Butoxyethanol	111-76-2	3-4
Propane	74-98-6	1-3
Trisodium Phosphate	10101-89-0	1-3
Butane	106-97-8	1-3

4. FIRST AID MEASURES

Eye contact Rinse immediately with plenty of water, also under the eyelids, for at least 20 minutes. Seek medical attention.

Skin contact Wash area thoroughly with soap and water.

Ingestion If a large quantity of liquid is swallowed, do NOT induce vomiting. Drink 1 or 2 glasses of water. Never give anything by mouth to an unconscious person. Call a physician immediately.

Inhalation Remove to fresh air. Provide oxygen if breathing is difficult. If not breathing, give artificial respiration. Keep warm and quiet. Seek medical attention.

5. FIRE FIGHTING MEASURES

Flash point °C -104.4°
Flash point °F -156°
Method Not Applicable

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

Flammability Limits (% in Air)
Upper 9.5%
Lower 1.8%

Suitable extinguishing media
Alcohol foam. 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.

Fire and Explosion Hazards
Flammable . Material is highly volatile and readily gives off vapors. Vapors may form explosive mixture in air between upper and lower explosive limits which can be ignited by many sources, such as pilot lights, open flames, electrical motors and 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
Yes. Take precautionary measures against static discharges.

6. ACCIDENTAL RELEASE MEASURES

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Methods for cleaning up
Evacuate area of unprotected and unnecessary personnel. Ventilate area to maintain exposure below permissible exposure limits. Shut off source of leak if safe to do so. Dike or dam large spills. Soak up with inert absorbent material. Dispose of absorbent in accordance with local, state and federal regulations. Do not allow product to reach sewage system, soil, surface or ground water, or any water course. Notify proper authorities if entry occurs.

7. HANDLING AND STORAGE

Handling
Keep container closed when not in use.

Storage
Keep container tightly closed. Keep away from direct sunlight. Keep away from open flames, hot surfaces and sources of ignition. Store in temperatures below 120 degrees F (50 degrees C) .

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name	OSHA PEL (TWA)	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
2-Butoxyethanol	50 ppm 240 mg/m^3	-	20 ppm	-
Trisodium Phosphate	-	-	-	-
Butane	800 ppm	-	-	1000 ppm
Propane	1000 ppm 1800 mg/m^3	-	1000 ppm	-

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. Use with adequate explosion-proof ventilation to meet the limits in Section 8 .

Hygiene measures
Remove and wash contaminated clothing before re-use.

Respiratory protection
When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Hand Protection
Chemical resistant gloves.

Eye protection
ANSI approved safety glasses or splash goggles with face shield are recommended.

Skin and body protection
Wear appropriate clothing to minimize skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Aerosol
Color	Colorless
Odor	Solvent
Odor Threshold	No information available
pH	12.5
Specific Gravity	0.9539
Vapor pressure	0.99 psig @70F
Density	No data available
Vapor density	No data available
Evaporation Rate	Slower than Ether
Water solubility	No data available
VOC Content	7.85%
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	-104.4°
Flash point °F	-156°

10. STABILITY AND REACTIVITY

Stability
Stable under normal conditions.

Conditions to avoid
Heat, flames and sparks. Do not store above 120 degrees F.

Incompatability
Strong acids. Halogens. Zinc. Magnesium. Aluminum. Dimethylsulfate. Boron. Ethylene oxide. Chlorites. Mercury. Chromium trioxide. Gold. Nitrogen Tetroxide. Oleum (or fuming sulfuric acid).

Hazardous Decomposition Products
Carbon monoxide. Carbon dioxide.

Polymerization
Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

Component Information

Chemical Name	LD50 (oral,rat)	LD50 (dermal,rat/rabbit)	LC50 (inhalation,rat)
2-Butoxyethanol 111-76-2	470 mg/kg	99 mg/kg	450 ppm
Trisodium Phosphate 10101-89-0	-	-	-
Butane 106-97-8	-	-	658 g/m^3
Propane 74-98-6	-	-	658 mg/L

Synergistic Products None known

Potential health effects

Sensitization None known .

Chronic toxicity None known .

Mutagenic effects None known .

Teratogenic effects None known .

Reproductive toxicity None known .

Target Organ Effects Kidney. Liver. Cardiovascular system.

Carcinogenic effects See Table Below.

Chemical Name	ACGIH OEL - Carcinogens	IARC	NTP - Known Carcinogens	NTP - Suspected Human Carcinogens	OSHA RTK Carcinogens
2-Butoxyethanol	A3	Not Listed	Not Listed	Not Listed	Not Listed
Trisodium Phosphate	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

12. ECOLOGICAL INFORMATION

2-Butoxyethanol

Water Flea Data

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

13. DISPOSAL CONSIDERATIONS

Disposal Information

Dispose in accordance with federal, state, and local regulations. Full or partially full containers are considered hazardous waste.

14. TRANSPORTATION INFORMATION

DOT

UN1950 Aerosols, flammable, 2.1. Consumer commodity, ORM-D.

TDG

UN1950 AEROSOLS, flammable, 2.1 Consumer commodity, ORM-D.

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

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

State Regulations

Chemical Name	New Jersey - RTK	Pennsylvania - RTK	California Prop. 65
2-Butoxyethanol	Listed	Listed	Not Listed
Trisodium Phosphate	Not Listed	Listed	Not Listed
Butane	Listed	Listed	Not Listed
Propane	Listed	Listed	Not Listed

International Inventories

Chemical Name	EINECS	DSL	NDSL	TSCA
2-Butoxyethanol	X	X	-	X
Trisodium Phosphate	-	-	-	-
Butane	X	X	-	X
Propane	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

HMIS

Health - 1
Flammability - 2
Physical Hazard - 0

Prepared By Maureen Ruggeberg, Regulatory Affairs Specialist

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.