

MATERIAL SAFETY DATA SHEET

State Chemical Division – State Industrial Products
3100 Hamilton Avenue, Cleveland, OH 44114 (216) 861-7114

State Chemical Ltd.
1745 Meyerside Dr., Unit #1, Mississauga, Ontario L5T 1C6 (905) 670-4669

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: **PILE DRIVER**
Product Description: An aerosol carpet spotter.

24 Hour Emergency CHEMTREC Number: 800-424-9300
MSDS Number: 700372

2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Hazardous Ingredients</u>	<u>CAS Number</u>	<u>Weight</u>	<u>ACGIH</u>	<u>OSHA</u>
Propane	74-98-6	< 5.0%	2500 ppm	1000 ppm
Butane	106-97-8	< 5.0%	800 ppm	800 ppm
2-Propanol	67-63-0	< 5.0%	400 ppm	400 ppm
2-Butoxyethanol	111-76-2	< 10%	20 ppm	20 ppm

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Contents under pressure. Do not puncture, incinerate or expose to temperature above 120°F(49°C). Eye, skin and respiratory irritant.

POTENTIAL HEALTH EFFECTS

Routes of Exposure: Exposure may be by inhalation and/or skin or eye contact, depending on conditions of use. To minimize exposure, follow recommendations for proper use, ventilation and personal protective equipment.

Eye Contact: May cause eye irritation. Redness and itching or burning sensation may indicate excessive exposure.

Skin Contact: May cause skin irritation. Redness and itching or burning sensation may indicate excessive exposure. Contains 2-Butoxyethanol which may be absorbed through the skin.

Inhalation: May cause irritation of the respiratory system. Headache, nausea, dizziness and loss of coordination are indications of excessive exposure to vapors or spray mists.

General: May aggravate existing lung and skin conditions. May cause dizziness in high vapor concentrations. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

4. FIRST AID MEASURES

Eye Contact: Promptly flush with a large amount of water for at least 15 minutes. If irritation persists, consult at physician.

Skin Contact: Promptly wash with soap and water and rinse thoroughly. Remove contaminated clothing and launder before reuse. If irritation persists, consult at physician.

Inhalation: Remove to fresh air. Restore breathing if necessary. If irritation persists, consult a physician.

Ingestion: Do not induce vomiting. Never give anything by mouth to an unconscious person. Seek immediate medical attention

5. FIRE FIGHTING MEASURES

Flashpoint: No flame extension.

Lower Explosive Limit(LEL): NA Upper Explosive Limit(UEL): NA Autoignition Temperature: NA

Fire and Explosion Hazards: Closed containers may explode, due to the build-up of pressure, when exposed to extreme heat.

Extinguishing Media: Carbon dioxide, dry chemical, alcohol foam.

Fire Fighting Instructions: Full protective equipment including self-contained breathing apparatus should be used. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

6. ACCIDENTAL RELEASE MEASURES

Remove all sources of ignition. Ventilate area and remove with inert absorbent. Dispose of in accordance with all Federal, State and Local Regulations regarding waste disposal. Product as supplied is a D001 unspecified ignitable waste.

7. HANDLING AND STORAGE

Keep away from heat, flames, sparks or other sources of ignition. Vapors will accumulate readily and may ignite explosively. Keep area ventilated. Do not smoke. Extinguish all flames, pilot lights and heaters. Turn off stoves. Consult NFPA Code. Use approved bonding and grounding procedures. Contents under pressure. Do not puncture, incinerate or expose to temperature above 120°F(49°C). Heat from sunlight, radiators, stoves, hot water and other heat sources could cause container to burst. Do not take internally. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. Keep out of reach of children. Use only with adequate ventilation. Avoid breathing vapor and spray mist. Avoid contact with skin and eyes. Wash hands after using.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Local exhaust preferable. General exhaust acceptable if the exposure to materials is maintained below applicable exposure limits.

Personal Protective Equipment:

Respiratory: If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted NIOSH-approved organic vapor/particulate respirator.

Eye: Wear approved safety glasses or goggles with unperforated sideshields.

Skin: Wear chemically impervious gloves such as Nitrile.

Other: An emergency eyewash station or source of clean potable water should be available in case of accidental eye contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear	Odor:	Fresh
Physical State:	Liquid aerosol.	pH:	10.30 – 10.70
Specific Gravity:	0.970 – 0.990	Evaporation Rate:	< 1.00
Solubility in Water:	Soluble.	VOC Content:	< 25%

10. STABILITY AND REACTIVITY

Stability: Stable.
Hazardous Polymerization: Will not occur.
Conditions to Avoid: Heat, sparks, flames or other sources of ignition.
Incompatibility: None expected.
Hazardous Decomposition Products: Carbon Dioxide, Carbon Monoxide.

11. TOXICOLOGICAL INFORMATION

IARC / NTP / OSHA: This product contains no ingredients at 0.1% or greater that is listed as a human carcinogen.

<u>Hazardous Ingredients</u>	<u>CAS Number</u>	<u>LD50</u>	<u>LC50</u>
Propane	74-98-6	NE	NE
Butane	106-97-8	NE	658 mg/l/4 hr (rat)
2-Propanol	67-63-0	5045 mg/kg (oral rat)	11,830 mg/l/1 hr (flathead minnow)
2-Butoxyethanol	111-76-2	1480 mg/kg (oral rat)	700 ppm/7 hr (mouse)

12. ECOLOGICAL INFORMATION

NA

13. DISPOSAL CONSIDERATIONS

Do not incinerate. Depressurize container. Dispose of in accordance with all Federal, State and Local Regulations regarding pollution and waste disposal. Product as supplied is a D001 unspecified ignitable waste.

14. TRANSPORT INFORMATION

DOT Shipping Data: Consumer Commodity, ORM-D
Canadian TDG: Shipped in accordance with 49 CFR as part of a transborder shipment authorized under Section 5.2 (1) of the Canadian Transportation of Dangerous Goods.
For International Shipments by Air: Aerosols, NonFlammable, 2.2, UN1950.
For International Shipments by Vessel: Aerosols, NonFlammable, 2.2, UN1950.

15. REGULATORY INFORMATION

TSCA: All ingredients in this product are listed or exempt from listing on the TSCA Chemical Inventory.
CEPA: All ingredients in this product are listed or exempt from listing on the Canadian DSL/NDL.
Proposition 65: This product contains no chemicals known to the state of California to cause cancer, birth defects or other reproductive harm.
VOC: This product as regulated by California and other states, is classified as a "Spot Remover" with a maximum VOC content of 2.5%.
SARA 313: This product contains no toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372.65C).

HMIS Classification: Health = 2 Flammability = 4 Reactivity = 0 Personal Protection = B

WHMIS Classification: Class A; Class D, Division 2B

16. OTHER INFORMATION

NA = Not Available or Not Applicable.
NE = Not Established.

Read and follow all label directions and precautions before using the product. These products are intended for industrial and institutional use only. NOT FOR HOUSEHOLD USE OR RESALE. KEEP OUT OF THE REACH OF CHILDREN. While we believe that the data contained herein is factual and the opinions expressed are those of qualified experts, the data are not to be taken as a warranty or representation for which the company assumes legal responsibility. They are offered solely for your consideration, investigation, and verification. Any use of these data and information must be determined by the user to be in accordance with applicable Federal, State, and Local Laws and regulations.

HEALTH AND SAFETY INFORMATION: (216) 861-7114

Completed On: December 2005

Replaces: October 2001

Completed By: Regulatory Affairs Specialist.