

SAFTEY DATA SHEET

Section 1: Identification of the Substance and of the Supplier

Product Name: Pro Shift
Proper Shipping Name
Recommended use: Fabric Spot Cleaner
Company Details Tranz Brite Limited
Address: 23 Alfred Street , Onehunga
Auckland. New Zealand
Telephone: +64 9 636 4632 [8.00 am to 4.30pm – Monday to Friday]
Fax: +64 9 636 4634
Emergency Telephone: National Poison Centre(24 hours): 0800 POISON [764 766]
Date of preparation 30 April 2013

Section 2: Hazard Identification



DANGER:

- May be harmful if inhaled.
- Causes serious eye irritation.
- Toxic to aquatic life with long lasting effects.

Section 3: Composition on Ingredients

Name	% by Weight	CAS Number
2-Butoxy-ethanol	< 70	111-76-2

Section 4: First Aid Measures

Eyes: If symptoms develop, immediately move individual away from exposure and into fresh air. Flush eyes gently with water for at least 15 minutes while holding eyelids apart; seek immediate medical attention.

Skin: Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention. Launder clothing before reuse.

SAFTEY DATA SHEET

Ingestion: Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. Contact a physician, medical facility, or poison control center for advice about whether to induce vomiting. If possible, do not leave individual unattended.

Inhalation: If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen. Keep person warm and quiet; seek immediate medical attention.

Notes to physician

Hazards: Excessive levels of phosphorus can cause low blood calcium, with tetany and convulsions.

Treatment: No information available.

For Further Information Telephone (24 Hours)The National Poison Centre: 0800 Poison [764 766]

Section 5: Fire Fighting Measures

Flash Point: Not available

Auto ignition Temperature: Not available

Flammable Limits in Air% by Volume: Not available

Extinguishing Media: Carbon Dioxide, Foam, Dry Chemical, Water Fog

Fire Fighting Instructions: Use water to keep fire exposed containers cool. If a leak or spill has not ignited, use water spray to disperse the vapours and to protect personnel attempting to stop leak. Water spray may be used to flush spills away from exposures. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply.

Unusual Fire and Explosion Hazards: Not available

Section 6: Accidental Release Measure

Do not release into waterways. Adsorb on fire retardant treated sawdust, diatomaceous earth, etc. Shovel up and dispose of at an appropriate waste disposal facility in accordance with current applicable laws and regulations, and product characteristics at time of disposal. Eliminate all ignition sources. Remove leaking containers to detached area.

Section 7: Handling and Storage

Handling Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed. Avoid prolonged or frequently repeated skin contact with this material. Skin contact can be minimized by wearing impervious protective gloves. As with all products of this nature, good personal hygiene is essential. Hands and other exposed areas should be washed thoroughly with soap and water after contact, especially before eating and/or smoking. Regular laundering of

SAFTEY DATA SHEET

contaminated clothing is essential to reduce indirect skin contact with this material.

Storage Store in closed containers in a dry, well-ventilated area.

Section 8: Exposure Controls / Personal Protection

General advice	These recommendations provide general guidance for handling this product. Personal protective equipment should be selected for individual applications and should consider factors which affect exposure potential, such as handling practices, chemical concentrations and ventilation. It is ultimately the responsibility of the employer to follow regulatory guidelines established by local authorities.
Exposure controls	Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below exposure guidelines (if applicable) or below levels that cause known, suspected or apparent adverse effects.
Eye protection	Wear chemical splash goggles when there is the potential for exposure of the eyes to liquid, vapor or mist.
Skin and body protection	Wear resistant gloves (consult your safety equipment supplier). Wear normal work clothing including long pants, long-sleeved shirts and foot covering to prevent direct contact of the product with the skin. Launder clothing before reuse. If skin irritation develops, contact your facility health and safety professional or your local safety equipment supplier to determine the proper personal protective equipment for your use.
Respiratory protection	A NIOSH-approved air-purifying respirator with an appropriate cartridge and/or filter may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits (if applicable) or if overexposure has otherwise been determined. Protection provided by air-purifying respirators is limited. Use a positive pressure, air-supplied respirator if there is any potential for uncontrolled release, exposure levels are not known or any other circumstances where an air-purifying respirator may not provide adequate protection.

Section 9: Physical and Chemical Properties

Appearance	Orange
Odour	Solvent
Specific Gravity	0.7
Vapour Pressure	Not available
Vapour Density	Not available
Solubility in water	Soluble
% Volatiles	88
Evaporation Rate	Not available

Section 10: Stability and Reactivity

SAFTEY DATA SHEET

Stability of the Substance:	Stable Do not allow evaporation to dryness., Freezing temperatures., Heat.
Incompatible products	Strong acids, strong alkalis, Strong oxidizing agents, strong reducing agents, This product should not be used in conjunction with trimethylol propane or trimethylol propane-derived products. There is a possibility that bicyclic phosphates or phosphites can be produced as a result of the thermal decomposition of this product in combination with trimethylol propane, trimethylol propane-derived products or their corresponding trimethylol propane alkane homologs. Bicyclic phosphates and phosphites are a class of materials with acute neurotoxic properties which produce characteristic convulsive seizures in test animals.
Hazardous decomposition products	Hydrocarbons, Aldehydes, Oxides of phosphorus, ketones, potassium oxide, carbon dioxide and carbon monoxide
Hazardous reactions	Product will not undergo hazardous polymerization.

Section 11: Toxicological Information

Acute Effects	
<i>Ingestion</i>	Harmful if swallowed. Symptoms of ingestion may include nausea. Headache, dizziness, weakness, fatigue and mental confusion.
<i>Eye Contact</i>	The liquid and vapour is irritating to eyes and may cause a burning sensation, redness, swelling and/or blurred vision.
<i>Skin Contact</i>	This product is toxic by dermal contact, and after contact with skin symptoms may include a burning sensation, redness, swelling and/or blisters. The severity of symptoms increases with increasing period of exposure.
<i>Inhalation</i>	Harmful if inhaled. Respiratory irritation signs and symptoms may include a temporary burning sensation of then nose and throat, coughing and/or difficulty breathing.

Section 12: Ecological Information

Ecotoxicity:	
<i>Aquatic toxicity:</i>	Product is identified as toxic to terrestrial vertebrates.
<i>Persistence/degradability:</i>	Not identified as persistent nor likely to be bioaccumulative. Oxidizes rapidly by photo-chemical reactions in air.
<i>Mobility:</i>	This product is highly mobile and may contaminate groundwater.
<i>Other information:</i>	None

Section 13: Disposal Considerations

Dispose through Licensed Disposal Company

Section 14: Transport Information

SAFTEY DATA SHEET

Not regulated as hazardous for land transportation in New Zealand

UN No:	N/A
Proper Shipping Name:	N/A
Dangerous Goods Class:	N/A
Subsidiary risk	N/A
Packing Group:	N/A
Hazchem Code:	N/A

Section 15: Regulatory Information

HSNO Approval No:	HSR 002530
Group Standard:	Cleaning Product (Subsidiary Hazard) Group Standard 2006
HSNO Classes:	6.1D, 6.5B, 9.2C, 9.3B

Section 16: Other Information

New Zealand National Poison Information Centre (24 hours): 0800 POISON [764 766]
New Zealand Emergency Services: 111

Tranz Brite Limited has taken care in compiling this information. No liability is accepted directly or indirectly from its application as conditions of use are outside the Company's control. End users are obliged to conform to relevant Local Government regulations.

End of Safety Data Sheet.