



MATERIAL SAFETY DATA SHEET

Blue Thunder Tough Dirt Cleaner

#230133/2

For MSDS update: 1-800-361-7691

By the criteria of the
CONTROLLED PRODUCTS REGULATION
this material is a CONTROLLED PRODUCT

I MATERIAL IDENTIFICATION AND USE

Supplier Identifier: Wood Wyant Inc., 2345 Autoroute des Laurentides, Bureau 100, Laval, Quebec H7S 1Z7

Trade Name: Blue Thunder Tough dirt Cleaner

WHMIS class: D2B, E

Recommended Use: As a Ready To Use general all purpose cleaner and degreaser (do not dilute)

Health Rating: 0 = Insignificant 1 = Slight
2 = Moderate 3 = High
4 = Extreme

Health:2 **Flammability:** 0 **Reactivity:** 0

Special Warning: None

II HAZARDOUS INGREDIENTS

	T.L.V.	LD50/	LC/50	CAS	%
Ethylene Glycol					
Butyl Ether	25 ppm (skin)	1746 mg/Kg (oral-rat) 435 mg/Kg (dermal-rabbit)	700 ppm (7hr - mouse)	111-76-2	1-5
Sodium Metasilicate	2 mg/M ³	600 mg/Kg	N. Av.	6834-92-0	1-5

III PHYSICAL DATA

Physical State: Liquid **Vapour Density:** N.Av.

Odour: Mild solvent **% Non Volatile:** 2 - 3

Colour: Blue **pH:** 12.8 - 13.0

Density: 1.01 **Clarity:** Clear

Viscosity: Water thin **Boiling point:** 100°C

Solubility in Water: 100%

IV FIRE and EXPLOSION DATA

Flash Point (°C TCC): None

Hazardous Combustion Products: None

Extinguishing Media: As for surrounding fire.

Unusual Fire and Explosive Hazards: None

Special Procedures: None

V REACTIVITY DATA

Stability: Stable

Materials to Avoid: Strong acids

Hazardous Decomposition Products: Oxides of carbon and nitrogen

N. Ap. = Not applicable
N. Av. = Not Available

VI TOXICITY DATA

Primary Route of (Entry) Exposure:

Inhalation: Concentrated vapours may irritate nose and breathing passages and result in nausea, dizziness and drowsiness. Very unlikely under normal use. Spray mists will irritate nose and throat.

Eyes: Will cause corrosive burns.

Skin: Will cause defatting, drying and peeling of affected area, possible burns with prolonged contact which may not be immediately noticeable or painful.

Ingestion: Will cause irritation, possible burns to mouth, throat and upper digestive tract; nausea, vomiting, cramps and diarrhea.

Acute: As above

Chronic: Prolonged and repeated skin contact may cause dermatitis. Glycol ether component can be absorbed through the skin with prolonged and widespread skin contact.

VII FIRST AID

Inhalation: Remove victim to fresh air. Assist breathing as required.

Eyes: Immediately flush with cool water. Remove contact lenses, continue flushing for 15 minutes, holding eyelids apart to ensure rinsing of the entire eye. Contact a physician immediately.

Skin: Immediately wash affected area with soap and water. If irritation persists, contact a physician.

Ingestion: **DO NOT INDUCE VOMITING.** If victim is conscious, rinse mouth and give 1-2 glasses of water. Consult a physician immediately. Never give anything by mouth to an unconscious person.

VIII PREVENTATIVE MEASURES

Gloves: Wear nitrile or neoprene gloves

Eye Protection: Wear safety glasses or goggles.

Other Protective Equipment: As required to prevent contact with skin or clothing.

Engineering Controls:

Local Exhaust: Not normally required. Use ventilating equipment if product is used in a confined area with poor ventilation.

Leak and Spill Procedures: Small spills can be flushed down drain with plenty of water. Large spills should be absorbed with absorbent material and placed in suitable containers for disposal. Review Federal, Provincial and Local government regulations for disposal.

Waste Disposal: In accordance with Municipal, Provincial and Federal regulations.

Handling Procedures and Equipment: Remove and launder contaminated clothing. Avoid breathing spray mists. Use appropriate protective equipment. Do not use on glass. Pre-test surfaces before first time use. Avoid contact with skin and clothing.

Storage

Requirements: **KEEP OUT OF REACH OF CHILDREN.** Keep containers closed. Keep from Freezing.

IX ADDITIONAL INFORMATION

TDG Shipping

Name: For drum package #230132: CORROSIVE LIQUIDS, N.O.S. (Sodium Metasilicate Solution) Class 8 UN 1760 PG III ;
For 946ml package #230133: Limited Quantity

Prepared by: Technical Department

Date: August 2005

Revision based on updated data from Suppliers