



MATERIAL SAFETY DATA SHEET

Blue Thunder

For MSDS update: 1-800-361-7691

#05-12410/230134/6/8/9

I MATERIAL IDENTIFICATION AND USE

Supplier Identifier: Wood Wyant Inc.
A division of Sani-Marc Group
42 rue de l'Artisan
Victoriaville, Qc, G6P 7E3

Trade Name: Blue Thunder

WHMIS class: D1A, E

Acceptation: Canadian Food Inspection Agency (C.F.I.A) accepted

Recommended Use: Tough dirt cleaner and degreaser for industrial, institutional and food plant use.

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.	LD/50	LC/50	CAS	%
Ethylene Glycol monobutyl Ether 25 ppm (skin)	1480 mg/Kg (oral-rat) 400 mg/Kg (dermal-rabbit)	486 ppm (4hr-rat)	111-76-2	5-10
Sodium Metasilicate N.Av.	1153 mg/Kg (oral-rat) 770 mg/Kg (oral-mouse)	N. Av.	6834-92-0	1-5
Sodium dodecylbenzene sulfonate N.Av	N.Av.	N.Av.	25155-30-0	1-5

III PHYSICAL DATA

Physical State: Liquid

Odour: Butylic

Colour: Blue

Density: ~1.04

Viscosity: Water thin

Vapour Density: N.Av.

% Non Volatile: N.Av.

pH: 12.5-13.5

Clarity: Clear

Boiling point: 100°C

Solubility in Water: 100%

IV FIRE and EXPLOSION DATA

Flash Point (°C TCC): None

Hazardous

Combustion Products: oxides of carbon, sulfur

Extinguishing Media: Use dry chemicals, CO₂, water spray or foam

Unusual Fire and Explosive Hazards: None

Special Procedures: None

V REACTIVITY DATA

Stability: Stable

Materials to Avoid: Strong acids, soft "metals" such as aluminum and zinc, glass.

Hazardous Decomposition Products: Oxides of carbon and nitrogen, sulfur

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

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 exp. effects: As above

Chronic exp. effects: 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: If safe to enter area, 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:

Spills or leaks 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. Avoid contact with skin and clothing. Do not use on glass.

Storage

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

IX ADDITIONAL INFORMATION

TDG Shipping Name: CORROSIVE LIQUID, N.O.S.

(SODIUM METASILICATE)

Class 8 UN 1760 PG II

Prepared by: Technical Department

Date: December 2009

Revision based on updated data from Suppliers