


Safety Data Sheet

Section 1 - Product Information					
Product Name: BLUE THUNDER			Supplier: Continental Research Corporation		
		Information Phone: 800-325-4869		Address: P.O. Box 15204 St. Louis MO 63110	
Product use:	High butyl degreaser	Emergency Contact: 888-255-3924			
Section 2 - Hazard Identification					
GHS Classification: Skin Corrosion Category 1B, Eye corrosive Category 1					
Section 2.1 - Label Elements					
Hazard Pictograms 		Precautionary Statements:			
Signal Word: Danger		Wear protective gloves and eye protection. Wash thoroughly after handling. Do not breathe mist or dust. IF ON SKIN(or hair): Remove immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contacts if present and easy to do. Continue rinsing.			
Hazard Statements: Causes severe skin burns and eye damage.		IF SWALLOWED: Rinse mouth, Do NOT induce vomiting. IF INHALED: Remove to fresh air and keep at rest position comfortable for breathing. Immediately call a POISON CENTER or physician.			
Section 3 - Composition					
Chemical Name		CAS #		Percent w/w	
Sodium Metasilicate		6834-92-0		< 5	
2-butoxy ethanol		111-76-2		< 5	
Section 4 - First Aid Measures					
IF ON SKIN(or hair): Remove immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse.					
IF IN EYES: Rinse cautiously with water for several minutes. Remove contacts if present and easy to do. Continue rinsing.					
IF SWALLOWED: Rinse mouth, Do NOT induce vomiting.					
IF INHALED: Remove to fresh air and keep at rest position comfortable for breathing. Immediately call a POISON CENTER or physician.					
Section 5 - Fire and Explosion Hazard Data					
Flash Point:	Limits	Extinguishing Media:		Special Fire Fighting Procedures:	
None	LEL: NA UEL: NA	Water spray or fog, foam, dry chemical, carbon dioxide or alcohol foam, if product involved.		Avoid exposure to fumes or vapors. Wear self-contained positive pressurized breathing apparatus MSHA/NIOSH Approved or equivalent to maintain TLV. UNUSUAL FIRE & EXPLOSION HAZARD: Product will not burn.	
Section 6 - Accidental Release Measures					
Mop up spills and flush to sewers with plenty of water. Use care to avoid falls as floors may be slippery					
Section 7 - Handling and Storage					
Store locked up in original upright container. Avoid contact with skin and eyes.					
Section 8 - Exposure Controls/PPE					
Ingredient	OSHA PEL:	ACGIH TLV	PPE		General Hygiene Considerations:
Sodium Metasilicate	2mg/m3	2mg/m3	Respiratory:	Not normally required	Handle in accordance with good industrial hygiene and safety practices. Provide suitable facilities for quick drenching or flushing of the eyes and body in case of contact or splash hazard.
2-butoxy ethanol	not listed	not listed	Eye:	safety glasses	
			Skin:	Alkali resistant gloves	
			Ventilation:	Normal room	

Section 9 - Physical and Chemical Properties

Appearance	odor	odor threshold	pH	Melting Point	Boiling point	Evaporation rate	Flammability	Upper/lower flammability limits	Vapor pressure
yellow liquid	pleasant	NE	13	NE	NE	>1(water =1)	NA	NA	17mm(Hg)
Vapor Density	Density	Specific Gravity	pH(use dil)	Solubility (water 77° F)	Partition coefficient	Auto Ignition temp	Decomposition Temp	Viscosity	
0.67	8.6	1.032	11	100.00%	NE	NA	NA	waterlike	

Section 10 - Stability and Reactivity

Product is stable. Store in a cool, dry place.
 Hazardous Polymerization will not occur.
 Incompatible with strong oxidizing agents.
 Hazardous Decomposition Products: If burned product produces normal combustion products: Carbon Dioxide, Carbon Monoxide and Nitrous Oxides.

Section 11- Toxicological Information

ingredient	Acute toxicity(oral LD50) rat	Acute toxicity(derm. LD50)rabbit	Skin and Eye	Carcinogen	Mutagen	Reproduct. Toxicity	STOST -single Exposure	STOST Repeated exposure
Sodium Metasilicate	No data	No data	corrosive	no	no	no data	no data	no data
2-butoxy ethanol	not listed	not listed	no data	no	no	no data	no data	no data

Other:

Section 12 - Ecological Information

No information available

Section 13 - Disposal Considerations

This product in its original form is considered a hazardous waste, waste code D002, dispose of in accordance to local, state and federal regulations.

Section 14 - Transport Information

UN number	Basic Description(DOT)	Class	Packing Group	LTD QTY
UN1719	Caustic Alkali Liquid, n.o.s.(contains sodium metasilicate)	8	III	< 5L

Section 15 - Regulatory Information

SARA Title 3: Glycol Ethers reportable chemicals under sections 302, 304, or 313 of Title III of the Superfund amendments and Reauthorization Act of 1986.
 CERCLA: Glycol Ethers. For more information consult 40 CFR parts 302, 355, 370, 372, and 40 CFR part 68

Section 16 - Other Information

WHMIS:		HMIS: Health - 2	Flam. - 0	R - 0	PPE- B
Date Prepared: 03-19-2015	Prepared by: Environmental, Health and Safety Administrator.				

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with materials or in any process, unless specified in the text.

Legend for Abbreviations: NA - not applicable NE - Not Established