



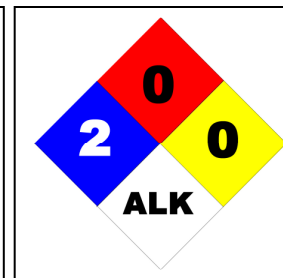
**SAFETY DATA SHEET**

(Complies with 29 CFR 1910.1200 GHS standard)

**SECTION I - IDENTIFICATION**

**KC Chemicals**  
 5500 State Park Road  
 Travelers Rest, SC 29690  
 (864) 834-2562

PRODUCT NAME: Thunderbolt 5000  
 PRODUCT CODE:  
 CHEMICAL NAME: N/A  
 CAS #: N/A  
 MIXTURE (X) SINGLE SUBSTANCE ( )



**SECTION II – HAZARD IDENTIFICATION**

**CORROSIVE and IRRITANT**

**NFPA:** Health – 2, Flammability – 0, Reactivity – 0, Special – Alkali

**SECTION III – COMPOSITION AND INGREDIENT INFORMATION**

MATERIAL OR COMPONENT	%	CAS #	HAZARD DATA
Sodium Hydroxide	<20%	7732-18-5	2 mg/m <sup>3</sup> NIOSH (as 100% NaOH)
Ethylene Glycol Monobutyl Ether	<10%	111-76-2	None established

**SECTION IV – FIRST AID MEASURES**

**Inhalation:** Immediately remove victim to breath fresh air, provide oxygen if is necessary.

**Contact:** Eyes.- Immediately flush eyes with plenty of cool water for at least 15 minutes. Get medical attention immediately.  
 Skin.- Immediately flush skin with plenty of soap and water, rinse with water while removing contaminated clothing. Wash contaminated clothing before reuse.

**Ingestion:** Do not induce vomiting. If victim is conscious and able to swallow, promptly have victim drink large amounts of water to dilute, followed by two glasses of milk. Never give anything by mouth if the victim is unconscious or having convulsions. Call a physician immediately.

**SECTION V – FIRE FIGHTING MEASURES**

FLASH POINT (METHOD USED): >200°F estimated  
 FLAMMABILITY LIMITS: LEL UEL  
 EXTINGUISHING MEDIA: Water Fog, Dry Chemical or Alcohol Foam  
 SPECIAL FIRE FIGHTING PROCEDURES: None  
 UNUSUAL FIRE AND EXPLOSION HAZARDS: None

**SECTION VI – ACCIDENTAL RELEASE MEASURES**

**SPILL RESPONSE PROCEDURES:** Small spills may be neutralized and flushed into the sewer. Large spills should be contained by dikes and absorbed on appropriate media and/or collected in suitable containers.

**SECTION VII – HANDLING AND STORAGE**

**HYGIENE PRACTICES IN HANDLING AND STORAGE:** Store in a cool, dry, well ventilated area.  
**OTHER PRECAUTIONS:** None

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**SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION**

EYE PROTECTION: Glasses and Goggles  
RESPIRATORY PROTECTION: None required  
SKIN PROTECTION: Rubber or vinyl gloves and ordinary clothing for exposed skin.  
OTHER PROTECTION: None  
VENTILATION RECOMMENDATION: Avoid use in confined spaces. Under normal conditions, typical mechanical ventilation in commercial buildings should be adequate.

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**SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES**

BOILING POINT: 212°F  
SPECIFIC GRAVITY: 1.030  
VAPOR PRESSURE: N/A  
PERCENT VOLATILE BY VOLUME: >60%  
VAPOR DENSITY: N/A  
EVAPORATION RATE (H<sub>2</sub>O = 1): NA  
SOLUBILITY IN WATER: Complete  
APPEARANCE AND ODOR: Water thin yellow liquid with sweet odor.  
pH AS RECEIVED: 12.0 – 13.5 ± 0.5

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**SECTION X – STABILITY AND REACTIVITY**

STABILITY: STABLE: X UNSTABLE:  
CONDITIONS TO AVOID: None  
INCOMPATIBILITY (MATERIALS TO AVOID): Acids, especially strong mineral or organic acids  
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide  
HAZARDOUS POLYMERIZATION MAY OCCUR: WILL NOT OCCUR: X

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**SECTION XI – TOXICOLOGICAL INFORMATION**

THRESHOLD LIMIT VALUE: 2 mg/m<sup>3</sup> NIOSH (as 100% NaOH)

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**SECTION XII – ECOLOGICAL INFORMATION**

Toxicity and Aquatic Toxicity: NA

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**SECTION XIII – DISPOSAL CONSIDERATIONS**

Stop spill immediately, isolate the area, then contain the spilled material. Neutralize to pH 7.0 with mild acid and collect using (sand). Transfer to secure containers. Wash the area with soap and water, rinse with water to eliminate residues.

WASTE DISPOSAL METHOD: All chemical spills should be disposed as per federal, state and local laws and regulations. In most cases, spills of this material collected or absorbed should be acceptable for ordinary sanitary land filling.

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**SECTION XIV – TRANSPORT INFORMATION**

DOT Corrosive  
UN 1760, Corrosive Liquid, NOS (contains Potassium Hydroxide and Sodium Metasilicate), 8, PGIII  
ERG# 154

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**SECTION XV – REGULATORY INFORMATION**

Formulated Cleaning Chemical – Not Regulated

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**SECTION XVI – OTHER INFORMATION**

The information and recommendations contained herein are to the best of KC CHEMICALS Inc.'s knowledge and belief, accurate and reliable as of the date issued. However, it is the user's responsibility to determine the safety, toxicity, and suitability for their own use of the product described herein. Since the actual use of this product is beyond the control of KC CHEMICALS Inc., no guarantee, expressed or implied, is made by KC CHEMICALS Inc.

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