

# Technical Data

## MATERIAL SAFETY DATA SHEET

1. **Product Name :** **KICKER**

2. **Physical and Chemical Properties**

Appearance : Clear / Hazy Purple Liquid  
 Odor : Mild Solvent  
 Specific Gravity : 1.04 - 1.05  
 pH (10%) : 11 - 12  
 Shelf Life : One year in original, unopened containers.

3. **Composition** **CAS NO.**

Detergent Builders N/A  
 2-Butoxyethanol 111-76-2  
 Isopropyl Alcohol 67-63-0  
 Sodium Hydroxide, 50% 1310-73-2

4. **Occupational Exposure Limits (Hazardous Ingredients)**

Material	Long Term - 8 Hr. TWA		Threshold Limit Value CL	
	ppm	mg.m3	ppm	mg.m3
2-Butoxyethanol	25-skin		Not Listed	
Sodium Hydroxide			2	
Isopropyl Alcohol	400		Not Listed	

5. **Health Hazard**

Area	Effects of Over Exposure	First Aid Procedure
Skin	Irritant	Wash exposed area with water. Launder clothing before reuse.
Eyes	Can cause severe irritation, possible corneal injury	Irrigate with water for 15 mins. Lifting upper and lower lids. If pain and/or irritation persists seek medical attention.
Inhalation	Excessive inhalation of vapors can cause nasal and respiratory tract irritation.	Move patient to fresh air, if breathing is difficult, administer oxygen. Get medical attention.
Ingestion	Harmful if swallowed, may cause nausea, headache, drowsiness, dizziness, depending on quantity ingested	Give two glasses of water and induct vomiting. Never give anything to an unconscious person. Get medical attention.



6. **Fire Hazard**  
 This Product is classified as : Non-Flammable Food Processing  
 Flash Point ( oC ) : Cleaner / Degreaser Cleaner  
 Extinguishing Media : Carbon Dioxide, Dry Chemical, Water Fog, Foam  
 Conditions to Avoid : Do not mix with acids  
 Decomposition Products : Various Hydrocarbons  
 Special Fire Fighting Procedures : Wear protective boots, suits, gloves, face shield, hard hat,  
 NIOSH approved self-contained breathing apparatus.
7. **Handling & Storage**  
 Precautionary Measures : Store away from Oxidizing agents  
 Ventilation : Good ventilation should be provided in enclosed areas. Local  
 exhaust ventilation should be used to maintain tolerant levels of  
 exposure.

**Personal Protection**

- Respirator : In enclosed areas an approved respirator should be worn by  
 persons sensitive to solvent fumes  
 Type "Ori-nasal\_ or OSHA equivalent  
 Skin : Wear protective gloves (Nitrile rubber or vinyl)  
 Eyes : Wear chemicals splash goggles  
 Other :

8. **Transport**  
 Packing group : N/A  
 UN / SI Number : N/A  
 UN Hazard Class : N/A

9. **Spillage / Disposal method**  
 Spill : Contain spill, reclaim if possible or dilute with large amounts of  
 water  
 Disposal : Local waste disposal authority

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**TRINIDAD: Lot 4 Ibis Acres, Bhagowtie Trace Ext.,  
 San Juan, Trinidad W.I.  
 Tel: (868) 675-5555  
 Fax: (868) 638-6302**

**JAMAICA: Unit 25, The Domes,  
 85 Hagley Park Road, Kingston 10, Jamaica W.I.  
 Tel: (876) 929-7390  
 Fax: (876) 920-7283**