

# MATERIAL SAFETY DATA SHEET

## HEAVY DUTY HAND SOAP

HAZARD RATING	HAZARD IDENTIFICATION RATING SCALE		
HEALTH	1	0	=LEAST
FLAMMABILITY	0	1	=SLIGHT
REACTIVITY	0	2	=MODERATE
		3	=HIGH
		4	=EXTREME

### HAZARDOUS INGREDIENTS/INFORMATION

HAZARDOUS COMPONENTS	CAS#	OSHA / PEL	ACGIH / TLV	OTHER / STEL	SK
NONE Surfactant blend					

NOTE: AN '\*' UNDER 'SK' (SKIN) INDICATES THAT OSHA REQUIRES SKIN PROTECTION TO PREVENT OR REDUCE EXPOSURE TO THIS INGREDIENT.

### PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point: >212°F	Appearance and odour: Orange liquid with cherry almond odour.
Vapour Pressure (mm Hg): ND	Specific Gravity (H2O=1): 1.03
Vapour Density (Air=1): <1	Melting Point: NA
Solubility in Water: COMPLETE	Evaporation Rate:(Butyl Acetate=1) >1

### FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used):NONE	Flammable Limits: LEL: N/A UEL: N/A
Extinguishing Media: Carbon dioxide, dry chemical, or alcohol foam.	
Special Fire Fighting Procedures: NONE	
Explosion Hazards: NONE	

### REACTIVITY DATA

Stability: Stable  
 Incompatibility (Materials to Avoid): Oxidizers or strong acids.  
 Hazardous Decomposition or By-products: Heat, carbon dioxide, and carbon monoxide.  
 Hazardous Polymerization: Will not occur.

Zurcher Street, San Fernando, Trinidad, West Indies.

Telephone: (868) 652-6712 | Email: admin@allchemtt.com | www.allchemtt.com

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### HEALTH HAZARD DATA

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Health Hazards (Acute and Chronic): NONE KNOWN

Routes of Entry, Signs of Exposure, and Symptoms of Exposure:

SKIN and EYES: Severe irritant to eyes.

INHALATION: Irritation and difficulty in breathing

INGESTION: Gastric pain and vomiting.

Medical Conditions Generally Aggravated by Exposure: Unknown

Carcinogenic: NONE

Emergency and First Aid Procedures:

SKIN & EYE CONTACT: Rinse skin with clear water. For eye contact immediately flush with clear running water for 15 minutes. Get medical attention.

INHALATION: Remove to fresh air. If breathing does not return to normal, get medical attention.

INGESTION: Immediately drink large quantities of water. Get medical attention.

### PRECAUTIONS FOR SAFE HANDLING AND USE

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SPILLS: Dilute with water and flush to sanitary sewer

Handling and Storing: Keep container closed when not in use. Do not freeze. Follow label instructions.

Other Precautions: Keep this and all chemicals out of the reach of children.

### CONTROL MEASURES

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Respiratory Protection (Specify Type): For exposure above established limits (see section II) use NIOSH/MSMA approved dust/mist mask.

Ventilation: Mechanical Recommended.

Protective Gloves: Not Required

Eye Protection: Not Required

Other Protective Clothing or Equipment: Not Required

### ADDITIONAL INFORMATION

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#### DISCLAIMER

AllChem Limited does not accept responsibility for misuse of this product or injuries that may occur due to failure in adhering to the safety precautions outlined on this document.