

MATERIAL SAFETY DATA SHEET

MANUFACTURER: K & K Chemical Co.
TELEPHONE NO.: (800) 327-0646
ADDRESS: 1303 Industrial Drive, Royse City, TX 75189

PRODUCT: OFF™ READY-TO-USE
PART NUMBER(S): K-463

MSDS Prepared By: J. Austin Maglothin, Ph.D.
Revision Date: July 20, 2001

SECTION I - GENERAL

Chemical Name & Synonym: Not Applicable
Trade Name & Synonyms: OFF™
Chemical Family: Aqueous solution
Formula: Trade Secret

SECTION II - HAZARDOUS INGREDIENTS

2-Butoxyethanol	CAS No.	111-76-2
Sodium silicate	CAS No.	6834-92-0
2-Propanol	CAS No.	67-63-0
Dodecylbenzene sulfonic acid	CAS No.	27176-87-0

SECTION III - PHYSICAL AND CHEMICAL DATA

Boiling Point (°C): Not Determined
Vapor Pressure (mm Hg @ 20°C): Not Determined
Vapor Density (Air = 1): Not Determined
Specific Gravity (H₂O = 1): 1.006
% Volatile by Volume: 2.8%
Evaporation Rate (H₂O = 1): Not Determined
Solubility in Water: Miscible
Appearance and Odor: Clear purple fluid with neutral odor
Others: None

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flammable Limits (%):
- LEL: Not Applicable
- UEL: Not Applicable
Flash Point (Method Used): Does not flash (TCC). May give off flammable vapors when heated.
Extinguishing Media: Use any appropriate for surrounding fire.
Special Fire Fighting Procedures: None
Unusual Fire & Explosion Hazards: None

SECTION V - HEALTH HAZARD DATA

Route of Entry: Eye contact, ingestion, skin contact
Carcinogenic Assessment: Not listed
Threshold Limit Value: Not Applicable
Effects of Overexposure: Eye contact: Irritant. Corrosive: prolonged contact causes burns
Ingestion: Mildly toxic. Stomach irritant.
Skin contact: Irritant. Corrosive: prolonged contact may cause burns.
Emergency & First Aid Procedures: Eye contact: Flush with water for 20 minutes. Get medical attention.
Ingestion: DO NOT INDUCE VOMITING. Drink 3 to 4 glasses of water, then a solution of water and vinegar or other mildly acid fruit juice. Get immediate medical attention.
Skin contact: Flush with a solution of water and vinegar. Wash with plenty of water.

SECTION VI - REACTIVITY DATA

Stability: Stable
Incompatibility (Materials to Avoid): Strong acids, strong oxidizing agents.
Hazardous Decomposition Products: None identified
Hazardous Polymerization: Will not occur

SECTION VII - SPILL OR LEAK PROCEDURE

Steps To Be Taken In Case Material Is Released Or Spilled: Contain spill and dilute with clear water. Mop up with clear water.
Waste Disposal Method: Dilute with large volumes of water and flush to sewer. Rinse empty container well before discarding in an authorized landfill.

SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory Protection: None required for normal use
Ventilation: Normal ventilation is adequate
Protective Gloves: Latex or vinyl
Eye Protection: Safety glasses or chemical goggles
Other Protective Equipment: Synthetic apron is recommended

SECTION IX - SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling And Storing: Store in original containers for up to one year. Keep closed when not in use. Protect from extreme heat and cold.
Other Precautions: KEEP OUT OF REACH OF CHILDREN. Read and follow label directions.
DOT Hazard Classification: Not Regulated.