

MATERIAL SAFETY DATA SHEET

KILL-BAC

This MSDS complies with ANSI Z400.1-2004

01 - PRODUCT AND COMPANY IDENTIFICATION				
Manufactured by:	Bestway Products Company		TRADE NAME (USED ON LABEL): KILL-BAC	
Address:	333 West 700 South Salt Lake City, UT. 84101		EPA#:1839-173-14476 EST#:14476-UT-01	
PH:(801)328-4818	FAX:(801)328-9080	EMAIL:MSDS@BESTWAY.PRO		
MSDS prepared by: C. Beckstead	EMERGENCY REPOSE NUMBER: (CHEM-TEL) 1(800)255-3924		Prepared:01/27/11 @ 10:18:24 AM	MSDS NUMBER: 13 REVISION: 1
02 - HAZARD IDENTIFICATION				
PRIMARY ROUTES OF ENTRY: [] INHALATION [X] INGESTION [X] SKIN ABSORPTION [X] EYE [] NOT HAZARDOUS				
ACUTE EFFECTS: Inhalation: NOT LIKELY. Excessive inhalation of vapors can cause nasal & respiratory irritation, dizziness, weakness, nausea, headache, possible unconsciousness or asphyxiation. Eye Contact: Possible irritation. Skin Contact: Possible irritation. Ingestion: Possible gastrointestinal irritation.				
03 - COMPOSITION/INFORMATION ON INGREDIENTS				
(Hazardous Components 1% or greater; Carcinogens 0.1% or greater)				
Alkyl dimethyl benzyl ammonium chloride (C12-16)	CAS NUMBER	OSHA PEL	LC50	%
Di-(C8-10)-alkyl dimethyl ammonium chlorides	68424-85-1	N/D	426mg/kg	3.000
Dioctyldimethylammonium chloride	68424-95-3	N/D	N/D	2.250
Didecyl dimethyl ammonium chloride	5538-94-3	N/D	N/D	1.125
	7173-51-5	N/D	84mg/kg	0.011
04 - FIRST AID MEASURES				
Eye Contact: Flush with water for 15 minutes. If irritated, seek medical attention. Skin Contact: Wash with soap and water. Inhalation: Remove to fresh air. Ingestion: Call medical attention, poison control or Chem-Tel @ 1-800-255-3924				
Notes to Physician: If the product is ingested, probable mucosal damage may contraindicate the use of gastric lavage. Treat the affected person appropriately.				
05 - FIRE FIGHTING MEASURES				
Flash Point:(> 93.9 °C), > 201 F PMCC Auto Ignition Temperature: N/A FLAMMABILITY as per USA FLAME PROJECTION TEST :N/A				
Flammability Limits in Air by % in Volume:% LEL: N/A % UEL: N/A		SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus. Use water fog to cool containers to prevent rupturing & exploding containers.		
Unusual Fire & Explosion Hazards: None		EXTINGUISHER MEDIA: Foam, dry chemical, carbon dioxide, water.		
NFPA Rating H/F/R: 3,1,0				
06 - ACCIDENTAL RELEASE MEASURES				
Small Spills: Pick up with mop or wet vac and wash away with water. Ventilate area of spill or leak.				
Large Spills: Dike area. Keep spill and cleaning runoffs out of municipal storm drains and open bodies of water. Transfer liquids and diking material to separate suitable containers for recovery or disposal.				
07 - HANDLING AND STORAGE				
Handling: Follow good industrial hygiene practices when handling this and other chemicals.				
Empty containers should be triple rinsed and can be refilled with a similar material. Please recycle!				
Storage: DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL. Keep this container tightly closed in a cool well ventilated place. Avoid freezing or excessive heat.				
08 - EXPOSURE CONTROLS AND PERSONAL PROTECTION				
Respiratory Protection (specify type): None normally required.				
Protective Gloves: Nitrile, latex or rubber.		Eye Protection: Safety glasses recommended.		
Ventilation Requirements: Mechanical if necessary to keep vapor concentration below TLV.				
Other Protective Clothing & Equipment: None required when using according to label instructions.				
Hygienic Work Practices: Wash with soap and water before handling food. Remove contaminated clothing.				
09 - PHYSICAL AND CHEMICAL PROPERTIES				
Physical State: Liquid.	Boiling point: 93.3 C		Vapor pressure:Unknown.	
Odor/Appearance: Clear purple liquid, Fatty Odor.	Freezing point: N/D		Vapor density:Unknown.	
PH: 6-8 As is.	Evaporation rate: > ethyl ether.		Liquid density: Unknown.	
Specific Gravity: .993	% Volatile: N/D		% Soluble in water:100%	
10 - STABILITY AND REACTIVITY				
Chemical stability: Stable.		Hazardous decomposition: Oxides of oxygen and ammonia.		
Hazardous polymerization: Will not occur.		Incompatibility: Anionic compounds. Strong oxidizing agents.		
11 - TOXICOLOGICAL INFORMATION				
CHRONIC EFFECTS: (Effects due to excessive exposure to the raw materials of this mixture) When used as directed, no adverse effects anticipated from available information.				
Medical Conditions Generally Aggravated by Exposure: May aggravate existing eye, skin, or upper respiratory conditions.				
12 - ECOLOGICAL INFORMATION				
Aquatic toxicity: This product is toxic to fish. More information is available upon request.				
Environmental Fate: This product is biodegradable.				
13 - DISPOSAL CONSIDERATIONS				
Dispose of in accordance with all applicable local, state and federal laws.				
PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.				
14 - TRANSPORT INFORMATION				
DOT CLASSIFICATION-(49 cfr 172.101) CLEANING COMPOUND				
15 - REGULATORY INFORMATION				
FEDERAL: It is a violation of federal law to use this product in a manner inconsistent with its labeling.				
STATE:This product may contain the following ingredient(s) known to the State of California to cause cancer, birth defects or other reproductive harm:Ethylene Oxide (CAS RN: 75-21-8) Nitrilotriacetic acid (NTA) (CAS RN:139-13-9)				
LOCAL: Not determined at this time.				
16 - OTHER INFORMATION				
NFPA Rating:	Health-3	Flammability-0	Reactivity-0	Special Hazard - NONE
HMIS Rating:	Health-3	Flammability-0	Reactivity-0	Personal Protection Equipment - B
We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.				
** Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only				