

MATERIAL SAFETY DATA SHEET (SUBSTITUTES FOR OSHA FORM 174): May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200.

PRODUCT NUMBER: 4350  
IDENTITY: BUG BAN

Revision Date: 09/10/2010

Section I

Manufacturer's Name: QUESTVAPCO CORPORATION  
Address: P.O. BOX 624  
BRENHAM  
State: TX Zip Code: 77834

Telephone Numbers:  
Emergency:  
800/255-3924  
Information:  
713/896-8188

HMS CODES: REACTIVITY: 0 FLAMMABILITY: 2 HEALTH: 1 PERSONAL PROTECT:A

Section II: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION (All of the ingredients contained in this product are listed on the TSCA inventory.)

Name	Cas No.	OSHA PEL	ACGIH TLV	OTHER LIM	%
DIETHYL-M-TOLUAMIDE	134-62-3	NA	NA		---
ISOPROPYL ALCOHOL	67-63-0	400 PPM	200 PPM	N/A	---
PROPANE/N-BUTANE	68476-86-8	N/A	1000ppm	N/A	---
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

Section III: PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 165F Specific Gravity (water=1) 0.89  
Vapor Pressure(mm Hg) <43 Melting Point: N/A  
Vapor Density(AIR=1) >2 Evaporation Rate: <3  
Solubility in Water: 44% (Butyl Acetate=1)  
Appearance and Odor: CLEAR SPRAY, MUSK ODOR

Section IV: FIRE AND EXPLOSION HAZARD DATA

Flash Point(Method Used): >150F Flammable Limits: LEL:N/A UEL: N/A  
Extinguishing Media: CO2, FOAM, WATER, DRY CHEMICAL  
Special Fire Fighting Procedures: SELF CONTAINED BREATHING APPARATUS.

Unusual Fire and Explosion Hazards: CONTENTS UNDER PRESSURE. EXPOSURE TO TEMPERATURES ABOVE 120 F MAY CAUSE BURSTING. MAY DEVELOP A FLAMMABLE ATMOSPHERE IN CONFINED AREAS.

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Section V: REACTIVITY DATA

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Stability: Unstable:                    Conditions to avoid:  
                  Stable: X                    TEMPERATURES ABOVE 120 F, HOT SURFACES  
Incompatibility (Materials to Avoid): DO NOT EXPOSE TO PAINTED SURFACES  
OR MOST PLASTICS. strong oxidizing agents, strong inorganic acids, halogens  
Hazardous Decomposition or Byproducts: EXPOSURE TO RED HOT SURFACES MAY  
PRODUCE CARBON MONOXIDE .  
Hazardous Polymerization:                    May Occur:                    Will Not Occur: X  
Conditions to Avoid: N/A

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Section VI: HEALTH HAZARD DATA

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Routes of Entry:                    Inhalation: YES                    Skin: NO                    Ingestion:NO  
Health Hazards(Acute and Chronic):  
INHALATION: DIZZINESS. PROLONGED EXPOSURE MAY LEAD TO UNCONSCIOUSNESS.  
EYES: STRONG IRRITATION, REDDENING. INGESTION:MAY PROVE HARMFUL OR FATAL.  
EYES: MAY CAUSE SEVERE IRRITATION.  
Carcinogenicity:  
NTP:NO                    IARC Monographs:NO                    OSHA Reg:NO  
Signs and Symptoms of Exposure: INGESTION: NAUSEA, SICKNESS. EYES: SEVERE  
IRRITATION. INHALATION: DIFFICULTY BREATHING, DIZZINESS, HEADACHE.

Medical Conditions Generally Aggravated by Exposure: NONE KNOWN

Emergency and First Aid Procedures: INHALATION: REMOVE TO FRESH AIR. EYES:  
DO NOT EXPOSE TO EYES. FLUSH WITH RUNNING WATER AND SEE PHYSICIAN.  
INGESTION: GIVE WATER AND SEE PHYSICIAN. INHALATION: REMOVE TO FRESH AIR.

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Section VII: PRECAUTIONS FOR SAFE HANDLING AND USE

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Steps to be Taken in Case Material is Released or Spilled: WIPE UP WITH  
RAG OR USE SOME ABSORBENT CLAY MATERIAL.

Waste Disposal Method: DISPOSE OF RESIDUE IN ACCORDANCE WITH FEDERAL,  
STATE AND LOCAL GUIDELINES. DO NOT PUNCTURE OR INCINERATE CONTAINER.

Precautions to be Taken in Handling and Storing: WRAP CONTAINER AND PLACE  
IN TRASH COLLECTION. STORE IN A COOL, DRY AREA. READ DIRECTIONS BEFORE USE.

Other Precautions: DO NOT USE OR STORE NEAR HEAT OR OPEN FLAME. EXPOSURE  
TO TEMPERATURES ABOVE 120 F MAY CAUSE BURSTING. VAPOR MAY COLLECT IN LOW  
LYING AREAS.

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Section VIII: CONTROL MEASURES

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Respiratory Protection: USE ONLY IN A WELL VENTILATED AREA.  
Ventilation:  
Local Exhaust:ADEQUATE  
Mechanical: N/A  
Special: N/A  
Other: N/A  
Protective Gloves:N/A  
Eye Protection: SAFETY GLASSES ARE RECOMMENDED WHENEVER CHEMICALS ARE USED.  
Other Protective Clothing or Equipment:  
N/A  
Work/Hygienic Practices:  
WASH SKIN AND CLOTHING AFTER PROTECTION IS NO LONGER NEEDED.