

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: 458
IDENTITY: BUG BAN PLUS

Revision Date: 11/01/89

Section I

Manufacturer's Name: QUEST CHEMICAL CORP.
Address: 12255 FM 529
NORTHWOODS IND. PARK
HOUSTON
State: TX Zip Code: 77041

Telephone Numbers:
Emergency: 713/896-8188
Information: 713/896-8188

HMIS CODES: REACTIVITY: 1 FLAMMABILITY: 2 TOXICITY: 1 HANDLING: 1

Section II: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Name	Cas No.	OSHA PEL	ACGIH TLV	OTHER LIM	%
ISOPROPYL ALCOHOL *	67630	400 PPM	400 PPM	N/A	_____
L.P.G.	68476857	1000 PPM	1000 PPM	N/A	_____
_____	_____	_____	_____	_____	_____
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Comment:

THIS PRODUCT CONTAINS THE TOXIC CHEMICALS MARKED WITH AN * SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF 40CFR372.

Section III: PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: N/A Specific Gravity (water=1) 0.85
Vapor Pressure(mm Hg) 1 Melting Point: N/A
Vapor Density(AIR=1) 1 Evaporation Rate: 1
Solubility in Water: 0% (Butyl Acetate=1)
Appearance and Odor: CLEAR SPRAY, MUSK ODOR MILD

Section IV: FIRE AND EXPLOSION HAZARD DATA

Flash Point(Method Used): 56 F TCC Flammable Limits: LEL:1 UEL: 6
Extinguishing Media: CO2, WATER, FOG, DRY CHEMICAL, FOAM
Special Fire Fighting Procedures: KEEP CONTAINERS COOL WITH WATER SPRAY, WEAR SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire and Explosion Hazards: FLAMMABLE. CONTENTS UNDER PRESSURE. KEEP AWAY FROM HEAT, SPARKS OR OPEN FLAME. EXPOSURE TO TEMPERATURES ABOVE 130 F MAY CAUSE BURSTING.

Stability: Unstable: Conditions to avoid:
 Stable: X N/A
Incompatibility (Materials to Avoid): STRONG ACIDS, ALKALIES, OXIDIZERS
Hazardous Decomposition or Byproducts: INCOMPLETE COMBUSTION MAY RESULT
IN CARBON MONOXIDE GAS
Hazardous Polymerization: May Occur: Will Not Occur: X
Conditions to Avoid: N/A

Section VI: HEALTH HAZARD DATA

Routes of Entry: Inhalation: YES Skin: NO Ingestion: YES
Health Hazards(Acute and Chronic):
NO KNOWN CHRONIC EFFECTS. INHALATION MAY CAUSE DIZZINESS, DISORIENTATION,
SUFFOCATION. INGESTION MAY PROVE HARMFUL OR FATAL. MAY CAUSE SEVERE
IRRITATION TO EYES.
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: EYES: FLUSH WITH WATER AND SEE
PHYSICIAN. INGESTION: GIVE WATER AND SEE PHYSICIAN. INHALATION: REMOVE
TO FRESH AIR.

Section VII: PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled: CONTAIN SPILL.
WIPE OR MOP UP. LARGE SPILLS CAN BE REMOVED WITH AN ABSORBENT MATERIAL
SUCH AS VERMICULITE.

Waste Disposal Method: DO NOT PUNCTURE OR INCINERATE CONTAINERS, WRAP
AND PLACE IN TRASH COLLECTION.

Precautions to be Taken in Handling and Storing: STORE IN A COOL, DRY AREA
AWAY FROM HEAT, SPARKS OR FLAME. READ DIRECTIONS BEFORE USING.

Other Precautions: NONE

Section VIII: CONTROL MEASURES

Respiratory Protection: N/A
Ventilation:
Local Exhaust:N/A
Mechanical: N/A
Special: N/A
Other: N/A
Protective Gloves:N/A
Eye Protection: N/A
Other Protective Clothing or Equipment:
N/A
Work/Hygienic Practices:
N/A