



**Chemical Name:** Battery Cleaner and Acid Detector

**Manufacturer:** Kar Products

**Container size:** 18oz.

**Location:** VLA

**Disposal:** Place empty container in trash.

MSDS

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## B A R N E S     D I S T R I B U T I O N

Synonyms: BD1068 BD1068-1  
 MATERIAL SAFETY DATA SHEET  
 BATTERY CLEANER & LEAK DETECTOR

## -----SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION -----

MSDS Name: BATTERY CLEANER & LEAK DETECTOR  
 Product CAS: (none)  
 Product Code:  
 Synonyms: 75312; 96310; 96310-1; BATTERY CLEANER & LEAK DETECTOR; BATTERY CLEANER AND  
 LEAK DETECTOR AE2626, A-3055; BD1068; BD1068-1  
 Company Identification:  
 Name: American Jetway Corporation  
 Address: 34136 Myrtle Street  
 Address:  
 City: Wayne State: MI Zip: 48184  
 For information, call: (313) 721-5930  
 Emergency Number:  
 Emergency Agency: CHEMTREC  
 Number: 800-424-9300  
 MSDS Creation Date: 2/14/2006  
 Supersedes Date: 1/10/2006  
 Miscellaneous:  
 CAS #: N/A  
 CHEMICAL NAME: N/A  
 BRIEF DESCRIPTION: N/A

## -----SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS -----

Chemical Name	CAS	MIN	MAX
TRIEETHANOLAMINE	102-71-6	0	5
PROPANE/ISOBUTANE/N-BUTANE	68476-86-8	15	15

Miscellaneous:  
 CHEMICAL

	ACGIH	OSHA	COMPANY
SKIN	TLV-TWA	PEL-TWA	TLV-TWA
TRIEETHAN	5 MG/M3	N.E.	N.E.
PROPANE	800 PPM	N.E.	N.E.

YES  
 Lbs of VOC per Gallon Coating (minus water): 0  
 Coating Density (lbs/gal): 0  
 Solvent Density (lbs/gal): 0  
 Percent Solvent (volume): 0  
 Percent Solids (volume): 0  
 Percent Water (volume): 0

## -----SECTION 3 - HAZARDS IDENTIFICATION -----

NFPA: Health: Fire: Reactivity: Other:

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HMIS: Health: 2 Fire: 4 Reactivity: 0 Special Protection: A

POTENTIAL HEALTH EFFECTS

Target Organs:

Eye:

LIQUID, AEROSOLS AND VAPORS OF THIS PRODUCT ARE IRRITATING AND CAN CAUSE PAIN, TEARING, REDDENING AND SWELLING ACCOMPANIED BY A STINGING SENSATION

AND/OR A FEELING LIKE THAT OF FINE DUST IN THE EYES.

Skin:

PROLONGED OR REPEATED CONTACT CAN RESULT IN DEFATTING AND DRYING OF THE SKIN WHICH MAY RESULT IN SKIN IRRITATION AND DERMATITIS (RASH).

Ingestion:

THIS MATERIAL MAY BE HARMFUL OR FATAL IF SWALLOWED. IF A CORROSIVE PRODUCT, MAY CAUSE SEVERE AND PERMANENT DAMAGE TO MOUTH, THROAT, AND STOMACH.

Inhalation:

MAY CAUSE DIZZINESS OR NARCOSIS IN HIGH VAPOR CONCENTRATIONS. LONG TERM EXPOSURE (YEARS) TO HIGH CONCENTRATIONS OF VAPOR MAY CAUSE LUNG, LIVER OR

KIDNEY DAMAGE. THE SOLVENTS LISTED HAVE BEEN REPORTED TO AFFECT THE CENTRAL NERVOUS SYSTEM.

Miscellaneous:

-----SECTION 4 - FIRST AID MEASURES -----

Eye:

WASH EYES WITH WATER.

Skin:

WASH SKIN WITH WATER.

Ingestion:

DO NOT INDUCE VOMITING. GASTRIC LAVAGE. CONTACT PHYSICIAN.

Inhalation:

REMOVE TO FRESH AIR. GIVE OXYGEN. CONTACT PHYSICIAN.

Notes to Physician:

-----SECTION 5 - FIRE FIGHTING MEASURES -----

Unusual Fire and Explosion Hazards:

HEATED CANS MAY BURST.

Special Fire Fighting Procedures:

FIRE FIGHTERS SHOULD WEAR NIOSH APPROVED POSITIVE PRESSURE SELF-CONTAINED

BREATHING APPARATUS. AEROSOL CANS MAY RUPTURE WHEN HEATED.

Extinguishing Media:

ALCOHOL FOAM CO2 DRY CHEMICAL OR WATER FOG.

Flash Point:

-156 F PENSKEY-MARTEN C.C.

Flammable Limits:

Lower Limit:

EXPLOSIVE LIMIT (LEL): 1.3

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Upper Limit:  
EXPLOSIVE LIMIT (UEL): 10.0  
AutoIgnition Temperature:  
N/A  
General Information:  
FLAMMABLE LIMITS: NO DATA

-----SECTION 6 - ACCIDENTAL RELEASE MEASURES -----

Disposal:  
DISPOSE AS HAZARDOUS WASTE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL  
REQUIREMENTS.  
Spills/Leaks:  
USE ABSORBENT SWEEPING COMPOUND TO SOAK UP MATERIAL. PUT INTO  
CONTAINER.  
DISPOSE AS HAZARDOUS WASTE.

-----SECTION 7 - HANDLING and STORAGE -----

Handling:  
Storage:  
KEEP AWAY FROM HEAT, SPARKS, OR OPEN FLAME. STORE AT TEMPERATURES BELOW  
120F.

-----SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION -----

Engineering Controls:  
LOCAL EXHAUST: YES  
MECHANICAL (GENERAL): NONE  
SPECIAL VENTILATION: NONE  
OTHER VENTILATION: NONE  
Eyes:  
WEAR EYE PROTECTION.  
Skin:  
PROTECTIVE GLOVES: NONE REQUIRED IF SPRAYING.  
Clothing:  
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: LONG SLEEVE AND LONG PANTS.  
Respirators:  
(SPECIFY TYPE): SELF CONTAINED BREATHING APPARATUS IF ABOVE TLV LIMIT  
EXCEEDING.

-----SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES -----

Appearance/Odor:  
ODOR: AMINE  
APPEARANCE: AMBER  
pH: 9  
Vapor Pressure: (MM HG.):PSIG @ 70F: 30-40  
Vapor Density: (AIR = 1): HEAVIER THAN AIR: YES

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Evaporation Rate: IS FASTER THAN BUTYL ACETATE

Viscosity: N/A

Boiling Point: RANGE: -43 TO 651 F

Freezing/Melting Point: FREEZE 32

Decomposition Temperature: N/A

Solubility: IN WATER: COMPLETELY

Specific Gravity: .9486

Molecular Formula: N/A

Molecular Weight: N/A

Miscellaneous:

% VOLATILE / VOLUME: 13.2%

-----SECTION 10 - STABILITY AND REACTIVITY -----

Chemical Stability:

STABLE: YES

Conditions to Avoid:

ALL SOURCES OF IGNITION, WELDING ARC, AND OPEN FLAME

Incompatibilities with Other Materials:

INCOMPATIBLE WITH ACIDS, ALKALIS, OXIDIZERS, AMINES.

Hazardous Decomposition Products:

OXIDES OF CARBON, OXIDES OF NITROGEN, AND MAY PRODUCE FORMS OF CHLORIDE, CHLORINE, AND PHOSGENE.

Hazardous Polymerization:

MAY OCCUR: NO

-----SECTION 11 - TOXICOLOGICAL INFORMATION -----

Toxicological Information:

PRODUCT LD50: 4220 MG/KG    PRODUCT LC50: 990 PPM

COMPONENT TOXICOLOGICAL INFORMATION

CHEMICAL	LD50	LC50
WATER	90000 MG/KG/RAT	NE
PROPANE/ISO/N-BUTANE	NE	658000 MG/M3/4HRAT
SODIUM BICARBONATE	4220 MG/KG/RAT	>900 MG/M3/RAT
TRIETHANOLAMINE	4920 UL/KG/RAT	TCLO
2-BUTOXYETHAN	470 MG/KG/RAT	2900 MG/M3/7H/RAT
ALKYLPHENOL ETH	NE	NE
METHYL RED, SOD SALT	NE	NE

-----SECTION 12 - ECOLOGICAL INFORMATION -----

Ecological Information:

NO DATA

-----SECTION 13 - OTHER PRECAUTIONS -----

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Other Precautions:  
WHEN SPRAYING MORE THAN ONE HALF CAN CONTINUOUSLY OR MORE THAN ONE CAN  
CONSECUTIVELY, USE NIOSH APPROVED RESPIRATOR.  
Work/Hygienic Practices:  
DO NOT SMOKE WHILE USING.    WASH HANDS AFTER USE.    KEEP OUT OF REACH OF  
CHILDREN.

-----SECTION 14 - TRANSPORT INFORMATION -----

Transportation Information:  
CATEGORY:    ORM-D

DOT SHIPPING - CONSUMER COMMODITY ORM-D.  
Label Information:

-----SECTION 15 - REGULATORY INFORMATION -----

Regulatory Information:  
U.S. FEDERAL REGULATIONS : AS FOLLOWS-

OSHA: HAZARDOUS BY DEFINITION OF HAZARD COMMUNICATION STANDARD (29 CFR  
1910.1200)

CERCLA-SARA HAZRD CATEGORY:  
THIS PRODUCT HAS BEEN REVIEWED ACCORDING TO THE EPA 'HAZARD CATEGORIES'  
PRONULGATED  
UNDER SECTIONS 311 AND 312 OF THE SUPERFUND AMENDMENT AND  
REAUTHORIZATION  
ACT OF  
1986 (SARA TITLE III) AND IS CONSIDERED, UNDER APPLICABLE DEFINITIONS,  
TO  
MEET THE  
FOLLOWING CATEGORIES: IMMEDIATE HEALTH HAZARD, CHRONIC HEALTH HAZARD,  
FIRE HAZARD,  
PRESSURIZED GAS HAZARD.

SARA SECTION 313:  
THIS PRODUCT CONTAINS THE FOLLOWING SUBSTANCES SUBJECT TO THE REPORTING  
REQUIREMENTS OF  
SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION  
ACT OF 1986 AND  
40 CFR 372:

NO INFORMATION IS AVAILABLE.

US STATE REGULATIONS: AS FOLLOWS-  
NEW JERSEY RIGHT-TO-KNOW  
THE FOLLOWING MATERIALS ARE NON-HAZARDOUS, BUT ARE AMONG THE TOP FIVE  
COMPONENTS IN THIS  
PRODUCT: WATER AND SODIUM BICARBONATE

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PENNSYLVANIA RIGHT-TO-KNOW  
THE FOLLOWING NON-HAZARDOUS INGREDIENTS ARE PRESENT IN THE PRODUCT AT  
GREATER THAN 3%:  
WATER AND SODIUM BICARBONATE

CALIFORNIA PROPOSITION 65: WARNING: THE CHEMICAL (S) NOTED BELOW AND  
CONTAINED IN THIS  
PRODUCT ARE KNOWN TO THE STATE OF CA TO CAUSE CANCER, BIRTH DEFECTS OR  
OTHER REPRODUCTIVE  
HARM:     NONE

INTERNATIONAL REGULATIONS AS FOLLOWS

CANADIAN WHMIS: THIS MSDS HAS BEEN PREPARED IN COMPLIANCE WITH  
CONTROLLED  
PRODUCT  
REGULATIONS EXCEPT FOR USE OF THE 16 HEADINGS

CANADIAN WHMIS CLASS: NO INFORMATION AVAILABLE.

-----SECTION 16 - ADDITIONAL INFORMATION -----

Additional Information: