

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)

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:

City: Wayne State: MI Zip: 48184

For information, call: (313) 721-5930

Emergency Number:

Emergency Agency: CHEMTREC
 Number: 800-424-9300

Number: 800-424-9300
MSDS Creation Date:

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
TRITHANOLAMT

TRIMETHANOLAMINE

PROpane/ISObutane/N-BuTANE

CAS
102-71-6
68476-86-8

MIN	MAX
0	5
1.5	15

CHEMICAL

ACGITH

1

TIV-TWA TIV-STELL

OSHA
PEL-TWA

PEI-CELL

COMPANY
TIV-TWA

TRITHAN	5 MG/M3	N.E.	N.E.	NC
PROPANE	800 PPM	N.E.	N.E.	

5 MG/M3 N.E.
800 PPM N.E.

N.E
800 PPM
N.E.
N.E.

$$\begin{array}{cc} \mathbb{Z} & \mathbb{Z} \\ \downarrow & \downarrow \\ \mathbb{F}_q & \mathbb{F}_q \\ \downarrow & \downarrow \\ \mathbb{F}_q & \mathbb{F}_q \end{array}$$

NO

Lbs of VOC per Gallon Coating (minus water) : 0

Coating Density (lbs/gal): 0.012

Solvent Density (lbs/gal) : 0

Percent Solvent (volume) : 0

Percent Solids (Volume): 0
Percent Water (Volume): 0

SECTION 3 - HAZARDS IDENTIFICATION

NEPA: 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 PENSKY-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	49t900 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/Hygenic 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 HAZARD 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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B A R N E S D I S T R I B U T I O N

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: