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Synonyms: BD1021 BD1021-1
MATERIAL SAFETY DATA SHEET
BD1021 Citrus Solve Clnr/Degr

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

MSDS Name: BD1021 Citrus Solve Clnr/Degr
Product CAS: (none)
Product Code: A-3087
Synonyms: BD1021; BD1021 Citrus Solve Clnr/Degr ; BD1021-1; Citrus Solve Clnr/Degr
Company Identification:
Name: American Jetway Corporation
Address: 34136 Myrtle Street
Address:
City: Wayne State: MI Zip: 48184
For information, call: 734-721-5930
Emergency Number: 800-424-9300
Emergency Agency:
Number: FAX: 734-721-7829
MSDS Creation Date: 2/1/2006
Supersedes Date: 1/1/2003

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

Chemical Name	CAS	MIN	MAX
D-LIMONENE	5989-27-5	21	21
STODDARD SOLVENT	8052-41-3	45	45
CARBON DIOXIDE	124-38-9	5	5

Miscellaneous:
EXPOSURE LIMITS: STODDARD SOLVENT: ACGIH 100 PPM OSHA 100 PPM CARBON
DIOXIDE: ACGIH 5000 PPM OSHA 5000 PPM
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:
HMIS: Health: 1 Fire: 2 Reactivity: 0 Special Protection: B
POTENTIAL HEALTH EFFECTS
Target Organs:
Overexposure may cause nervous system damage. Overexposure may cause
lung
damage. Overexposure may cause kidney damage.
Eye:
Liquid, aerosols and vapors of this product are irritating and can cause

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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. Corrosive and may cause severe and permanent damage to mouth, throat and stomach.

Inhalation:

Headaches, dizziness, nausea, decreased blood pressure, changes in heart rate and cyanosis may result from over-exposure to vapor or skin exposure.

Prolonged inhalation may be harmful.

Miscellaneous:

EMERGENCY OVERVIEW***: Vapors irritating to eyes and respiratory tract. Vapors may cause flash fire or explosion.

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

Eye:

Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

Skin:

Immediately flush skin with plenty of water. Remove clothing. Get medical attention immediately. Wash clothing separately before reuse.

Ingestion:

Get medical attention immediately. If swallowed, do NOT induce vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

Inhalation:

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

Notes to Physician:

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

Unusual Fire and Explosion Hazards:

Vapors can travel to a source of ignition and flash back. "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Empty drums should be completely drained, properly bunged and promptly returned to a drum reconditioner, or properly disposed of.

Special Fire Fighting Procedures:

Containers can build up pressure if exposed to heat (fire). As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH

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approved or equivalent) and full protective gear.

Extinguishing Media:

CO2, DRY CHEMICAL, FORM, WATER FOG.

Flash Point:

106 F

Flammable Limits:

Lower Limit:

0.7%

Upper Limit:

6.1%

AutoIgnition Temperature:

ND

General Information:

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

Disposal:

DISPOSE IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS.

Spills/Leaks:

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

Handling:

Wash thoroughly after handling.

Storage:

Keep away from heat, sparks and flame. Keep from freezing.

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

Engineering Controls:

Local exhaust ventilation may be necessary to control any air contaminants

to within their TLVs during the use of this product.

Eyes:

Wear safety glasses with side shields (or goggles) and a face shield.

Skin:

Where contact is likely, wear chemical resistant gloves, a chemical suit,

rubber boots, and chemical safety goggles plus a face shield.

Clothing:

STANDARD INDUSTRIAL CLOTHING STANDARDS SHOULD BE FOLLOWED.

Respirators:

A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances

where

airborne concentrations are expected to exceed exposure limits.

Protection

provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances

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where
air purifying respirators may not provide adequate protection.

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

Appearance/Odor:
ODOR: CITRUS. APPEARANCE: CLEAR/LIGHT AMBER.
pH: NA
Vapor Pressure: 95-105
Vapor Density: Is heavier than air
Evaporation Rate: Is faster than Butyl Acetate
Viscosity: NA
Boiling Point: 312-387 F
Freezing/Melting Point: 32
Decomposition Temperature: NA
Solubility: NEGLIGIBLE
Specific Gravity: 1
Molecular Formula: NA
Molecular Weight: NA
Miscellaneous:

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

Chemical Stability:
STABILITY: This product is stable under normal storage conditions.
Conditions to Avoid:
ALL SOURCES OF IGNITION, WELDING ARCS, AND OPEN FLAMES.
Incompatibilities with Other Materials:
STRONG ACIDS, ALKALIS, OXIDIZERS, AND AMINES.
Hazardous Decomposition Products:
OXIDES OF CARBON, OXIDES OF NITROGEN, AND MAY PRODUCE FORMS OF CHLORIDE, CHLORINE, AND PHOSGENE.
Hazardous Polymerization:
Will not occur under normal conditions.

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

Toxicological Information:
PRODUCT LD50: 5 mg/kg PRODUCT LC50: 9 PPM COMPONENT TOXICOLOGICAL
INFORMATION: CHEMICAL NAME: D-LIMONENE: LD50 4400 MG/KG RAT. LC50 NE.
STODDARD SOLVENT: LD50 >5 GM/KG RAT. LC50 >5500 MG/M3/4H RAT.
CARBON
DIOXIDE: LD50 NE. LC50 TCLO 9 PPH/5M/MAN.

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

Ecological Information:
NO INFORMATION.

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

Other Precautions:

PRIMARY ROUTE(S) OF ENTRY: SKIN CONTACT, INHALATION, INGESTION, EYE CONTACT.

Work/Hygienic Practices:

Wash hands before eating. Remove contaminated clothing and wash before reuse. Use only in a well ventilated area. Follow all MSDS/label precautions even after container is emptied because they may retain product residues. Avoid prolonged or repeated contact with skin. Avoid breathing vapors from heated material. Avoid contact with eyes, skin, and clothing.

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

Transportation Information:

DOT PROPER SHIPPING NAME: AEROSOL-CONSUMER COMMODITY. DOT TECHNICAL NAME:

ORM-D DOT HAZARD CLASS: 2.1. HAZARD SUBCLASS: NA. DOT UN/NA NUMBER: UN1950. PACKING GROUP: NA. RESP. GUIDE PAGE: 126.

Label Information:

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

Regulatory Information:

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' promulgated 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 Part 372: CHEMICAL NAME CAS NUMBER WT/WT % IS

LESS THAN. No SARA Section 313 components exist in this product. TOXIC

SUBSTANCES CONTROL ACT: This product contains the following chemical substances subject to the reporting requirements of TSCA 12 (B) if exported from the United States: CHEMICAL NAME: No information is available. U.S. 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: CHEMICAL NAME: No non-hazardous materials are

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among the top five ingredients. PENNSYLVANIA RIGHT-TO-KNOW: The following

non-hazardous ingredients are present in the product at greater than 3%:

CHEMICAL NAME: No non-hazardous ingredients are presents at greater than

3%. CALIFORNIA PROPOSITION 65: WARNING: The chemical(s) noted below and

contained in this product, are known to the state of California to cause

cancer, birth defects or other reproductive harm: CHEMICAL NAME: No

Proposition 65 chemicals exist in this product. 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:

VOLATILE ORGANIC COMPOUNDS (VOCs): 6.69 lbs/gal, 801 grams/ltr.

The information contained on this MSDS is been checked and should be accurate.

However, it is the responsibility of the user to comply with all Federal,

State, and Local laws and regulations.