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Barnes Distribution



Material Safety Data Sheet

MSDS Form No. : BD1040

Item No. : BD1040, BD1040-1, 241901, 241901-1, 83641, 83641-1

\*\*\*\* MATERIAL SAFETY DATA SHEET \*\*\*\*

Gleam All Glass Cleaner

Part # BD1040

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

MSDS Name: Gleam All Glass Cleaner

Product CAS: (none)

Product Code: A-0090

Synonyms: 241901; 241901-1; 83641; 83641-1; BD1040; BD1040-1; Gleam All Glass Cleaner

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: 1/1/2003

Supersedes Date: 1/7/2002

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

Chemical Name	CAS	MIN	MAX
PROPANE/ISOBUTANE/N-BUTANE	68476-86-8	6.7	6.7
2-PROPANONE	67-64-1	4.7	4.7
ISOPROPYL ALCOHOL	67-63-0	3.7	3.7
2-BUTOXYETHANOL	111-76-2	1.7	1.7

Miscellaneous:

EXPOSURE LIMITS

ITEM	ACGIH		OSHA		COMPANY TLV-TWA
	TLV-TWA	TLV-STEL	PEL-TWA	PEL-CEILING	
	SKIN				
01	800 PPM	N.E.	800 PPM	N.E.	N.E.
	YES				
02	750 PPM	1000 PPM	750 PPM	N.E.	N.E.
	NO				
03	400 PPM	500 PPM	400 PPM	N.E.	N.E.
	NO				

04 25 PPM SKIN N.E  
NO

25 PPM SKIN 50 PPM SKIN

N.E.

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: Fire: Reactivity: Special Protection:

POTENTIAL HEALTH EFFECTS

Target Organs:

EFFECTS OF OVEREXPOSURE-CHRONIC HAZARDS: 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 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 damage to mouth, throat and stomach.

Miscellaneous:

\*\*\*\*EMERGENCY OVERVIEW\*\*\*\*: Vapors irritating to eyes and respiratory tract. Vapors may cause flash fire or explosion. PRIMARY ROUTE(S) OF ENTRY: SKIN CONTACT INHALATION INGESTION EYE CONTACT.

\*\*\*\* 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 approved or equivalent) and full protective gear.

Extinguishing Media:

ALCOHOL FOAM, CO2, DRY CHEMICAL, FOAM, WATER FOG

Flash Point:

-156 F

Flammable Limits:

Lower Limit:

1.1%

Upper Limit:

12.8%

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 where air purifying respirators may not provide adequate protection.

\*\*\*\* SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES \*\*\*\*

Appearance/Odor:

ODOR: CITRUS, APPEARANCE: CLEAR

pH: @ 0.0 % : NA

Vapor Pressure: 30-40

Vapor Density: Is heavier than air

Evaporation Rate: Is faster than Butyl Acetate.

Viscosity: NA

Boiling Point: -43 - 340 F

Freezing/Melting Point: 32

Decomposition Temperature:

Solubility: COMPLETE

Specific Gravity: 1

Molecular Formula:

Molecular Weight:

Miscellaneous:

COEFFICIENT OF WATER/OIL DISTRIBUTION: COMPLETE

\*\*\*\* SECTION 10 - STABILITY AND REACTIVITY \*\*\*\*

Chemical 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: MG/KG  
57 PPM

PRODUCT LC50:

COMPONENT TOXICOLOGICAL INFORMATION:

CHEMICAL NAME	LD50
0 LC50	
WATER	>0 ML/KG/RAT
NE	
PROPANE/ISOBUTANE/N-BUTANE	NE
57 PPH/15M/RAT	
2-PROPANONE	5800 MG/M3 RAT
50100 MG/M3/8H RAT	
ISOPROPYL ALCOHOL	5045 MG/KG/RAT
16000 PPM/8H/RAT	
2-BUTOXYETHANOL	470 MG/KG/RAT
450 PPM/4H/RAT	
AMMONIUM HYDROXIDE	350 MG/KG RAT
LOW 43 MG/KG HUMAN	
TAP WATER	>0 ML/KG/RAT
NE	
FRAGRANCES	NE
NE	
REWOTERIC AM CAS-15	NE
NE	
SODIUM CHLORIDE	3 GM/KG/RAT
>2 GM/M3/1H/RAT	

\*\*\*\* SECTION 12 - ECOLOGICAL INFORMATION \*\*\*\*

Ecological Information:  
NO INFORMATION.

\*\*\*\* SECTION 13 - OTHER PRECAUTIONS \*\*\*\*

Other Precautions:

Work/Hygienic Practices:

Wash hands before eating. Remove contaminated clothing and wash before reuse. Use only a well ventilated area. Follow all MSDA/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

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Label Information:

\*\*\*\* SECTION 15 - REGULATORY INFORMATION \*\*\*\*

Regulatory Information:

THE FOLLOWING COMPONENTS ARE NOT SUBJECT TO REPORTING IN SECTION 2:

WT/WT%	CHEMICAL NAME	CAS NUMBER
WATER		7732-18-5
82.0%		
AMMONIUM HYDROXIDE		136-21-6
0.6%		
TAP WATER		7732-18-5
0.4%		
FRAGRANCE		MIXTURE
0.2%		
REWOTERIC AM CAS-15		68139-30-0
0.1%		
SODIUM CHLORIDE		7647-14-5
0.01%		

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' 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 37

:

CHEMICAL NAME

CAS NUMBER

WT/WT%  
2-BUTOXYETHANOL  
1.7%

111-76-2

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	CAS NUMBER
No information is available.	

INTERNATIONAL REGULATIONS: AS FOLLOWS-

CANADIAN WHMIS: This MSDS has been prepared in compliance with Controlled Product Regulations except for use of the 16 headings.

CANDIAN WHMIS CLASS: No information available.

\*\*\*\* SECTION 16 - ADDITIONAL INFORMATION \*\*\*\*

Additional Information:

PREVIOUS MSDS REVISION DATE: 07/23/01

REASON FOR REVISION: NEW FORMAT

VOLATILE ORGANIC COMPOUNDS (VOCS): 0.94 lbs/gal, 112 grams/ltr

LEGEND: N.A.- NOT APPLICABLE, N.E.- NOT ESTABLISHED,  
N.D.- NOT DETERMINED.

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 regulation

.