

ORDER NO: 4529293 RELEASE NO: 001 MSDS NO: 003235

BARNES DISTRIBUTION

Synonyms: BD1081 BD1081-1
MATERIAL SAFETY DATA SHEET
Clear Gel Lube

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

MSDS Name: Clear Gel Lube
Product CAS: (none)
Product Code: BD1081
Synonyms: BD1081; BD1081-1; Clear Gel Lube
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: 10/14/2009

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

Chemical Name	CAS	WEIGHT %
HEXANES	64742-49-0	40-50
PROPANE/ISOBUTANE/N-BUTANE	68476-86-8	10-20

Miscellaneous:

EXPOSURE LIMITS

ITEM	ACGIH		OSHA		COMPANY
	SKIN TLVV-TWA	TLV-STEL	PEL-TWA	PEL-CEILING	TLV-TWA
01	50 PPM	N.E.	50 PPM	500 PPM	N.E.
02	YES 800 PPM	N.E.	800 PPM	N.E.	N.E.
03	YES N.E.	N.E.	N.E.	N.E.	N.E.

NO

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:

BARNES DISTRIBUTION

HMIS: Health: Fire: Reactivity: Special Protection:

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 vapor 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 inhalation may be harmful.

Miscellaneous:

EMERGENCY: 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

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

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:

CO2, DRY CHEMICAL, FOAM, WATER FOG

Flash Point:

-156 F

Flammable Limits:

Lower Limit:

1.0%

Upper Limit:

9.5%

AutoIgnition Temperature:

ND

General Information:

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

Disposal:

DISPOSE IS 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

BARNES DISTRIBUTION

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: SOLVENT

APPEARANCE: HAZY AMBER

ODOR THRESHOLD: ND

pH: @ 0.0 % : NA

Vapor Pressure: 80-90

Vapor Density: IS HEAVIER THAN AIR

Evaporation Rate: IS FASTER THAN BUTYL ACETATE

Viscosity: NA

Boiling Point: -23 -158 F

Freezing/Melting Point: ND

Decomposition Temperature:

Solubility: NEGLIGIBLE

Specific Gravity: 0.6837

Molecular Formula:

Molecular Weight:

Miscellaneous:

COEFFICIENT OF WATER/OIL DISTRIBUTION: ND

VOLATILE ORGANIC COMPOUNDS (VOCs): 3.89 LBS/GAL; 466 GRAMS/LITER

-----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 -----

COMPONENT TOXICOLOGICAL INFORMATION:

CHEMICAL NAME

LD50

LC50

HEXANES

12705 MG/KG RAT

150000 MG/M3 MOUSE

ORDER NO: 4529293 RELEASE NO: 001 MSDS NO: 003235

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

PROPANE/ISOBUTANE/N-BUTANE NE 658000 MG/M3 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 in a well ventilate 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

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

ORDER NO: 4529293 RELEASE NO: 001 MSDS NO: 003235

BARNES DISTRIBUTION
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 %
N-HEXANE	110-54-3	40-50

TOXIC SUBSTANCES CONTROL ACT:

This product contains the following chemical substance subject to the
reporting requirements of TSCA 12 (B) if exported from the United
States:

POLYTETRAFLUOROETHYLENE 9002-84-0

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:

HMIS RATINGS - HEALTH: 1
REACTIVITY: 0

FLAMMABILITY: 4

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 regulations.

1