SECTION 1: IDENTIFICATION				
1.1 Product Identifier		Trade Name – Diablo [®] B	Butane Fuel	
1.2 Common Names or Synonyms		Butane fuel		
1.3 Recommended use of the chemical & restrictions on use		Portable gas appliances		
1.4 Supplier's name, address & telephone 1.5 Supplier's emergency phone number		Dine-Aglow [®] Diablo Food Service Fuels Le-Jo Enterprises, Inc. 765 Pike Springs Road Phoenixville, PA 19460 484-921-9000	Dine-Aglow Diablo"	
		www.lejo.com ChemTel 888-255-3924 – N ChemTel 813-248-0573 – W		
SECTION 2: HAZARD(S) IDEN	TIFICATIO	N		
2.1 Hazard classification of the substance/mixture		Acute Toxic	ity	
		Word	Symbol	
	Danger			
	GHS02 Flame			
	Extremely flammable			
	H220 Exxtremely flammable gas			
	H280 Contains gas under pressure, may explode if heated			
2.2 Signal word and ghs label		WHMIS - Syn	nbols	
elements		-lammable gas		
	A – Compressed gas			
	NFPA ratings (scale 0-4)			
		240	<mark>Health</mark> = 2 <mark>Fire</mark> = 4 <mark>Reactivity</mark> = 0	
	HMIS ratings (scale 0-4)			
	HEALTH 2 FLAMMABILITY 4		Health = 2	
			Fire = 4	
	nc		Reactivity = 1	
2.3 Hazard statements	Procautionan	See above		
2.4.00	 Precautionary statements & responses: P210: Keep away from heat/spark/open flames/hot surfaces – 			
2.4 Other	NO SMOKI		,	
hazards/statements	 P377: Leaking gas fire: Do not extinguish, unless leak can be stopped safely 			

Dine-Aglow Diablo



	P381 Eliminate all ignition sources if safe to do so		
	• P410 + P403: Protect from sunlight & Store in a well-ventilated		
	place		
	Health Risks: The most significant routes of overexposure for this product is by inhalation. The symptoms of overexposure are		
	described in the following		
	Inhalation May cause respiratory tract irritation; May cause		
	headaches, drowsiness, or dizziness		
	Skin contact		
		possible if skin is in contact with liquid	
	Eye contact	Gas vapors are not irritating; Freeze burns are	
		possible if eyes come in contact with liquid	
		No significant adverse effects are anticipated	
	Ingestion	under normal conditions; Liquid can cause	
		freeze burns	
	SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS		
3.1 Information of chemical ingredients; trade secret claims			
	3.2 CAS numb	per, EC number, etc.	
Butane		Dimethyl sulfide	
<u>CAS</u> 106-97-		<u>CAS</u> 75-18-3	
<u>EINECS</u> 203-448		EINECS Not listed	
	as 1, Press. Gas	S <u>Hazard</u> Not classified	
<u>Weight</u> 95%		<u>Weight</u> <0.1%	
SECTION 4: FIRST AID MEAS	URES		
4.1 Important	SYMPTOMS OF P	OISONING MAY EVEN OCCUR AFTER SERVERL HOURS; THEREFORE	
symptoms/effects, acute &	MEDICAL OBSERVATION FOR AT LEAST 48 HOURS AFTER THE ACCIDENT -		
delayed		ffects, both acute and delayed: thirst, headache, dizziness,	
	disorientation, r	nausea, acidosis, unconsciousness	
		If product enters the eyes, flush with plenty of water	
	Eye contact	or eye wash solution for several minutes. Remove	
		contacts if present and easy to do. Seek medical	
		attention if irritation persists.	
	Skin contact	Wash skin thoroughly with soap and water after handling. Seek medical attention if irritation develops and persists.	
4.2 Required Treatments		If breathing becomes difficult, remove victim to fresh air. If	
	Inhalation	necessary, use artificial respiration support vital functions.	
		Seek medical attention.	
		If product is swallowed, call physician or poison center immediately. If professional advice is not available, do not	
4.2 Required Treatments		induce vomiting. Never induce vomiting or give diluents (mil	
(cont.)	Ingestion	or water) to someone who is unconscious, having	
		convulsions, or who cannot swallow. Seek medical advice.	
		Take a copy of the label and/or SDS with the victim to the	
		health professional. Pre-existing respiratory system problems may be	
Hazards aggravated by prolonged contact; exposu			
	nazarus		



Indication of Immediate Medical Attention & Special Treatment	Treat symptoms and eliminate overexpose		
SECTION 5: FIREFIGHTING MEASURES			
5.1 Suitable (& unsuitable) extinguishing methods	Suitable: C02, foam, halon, dry chemical, any "C" class or water spray. Fight larger fires with water spray or alcohol resistant foam.		
5.2 Specific hazards arising from the chemical	Do not extinguish fire until leak is addressed or source is shut off; explosive sensitivity to mechanical impact; explos sensitivity to static discharge.		
5.3 Special protective equipment & precautions for firefighters	 Eye protection Wear self-contained breathing apparatus Wear gully protective Isolate material not involved if possible, if not cool endangered materials with water spray If possible, prevent run-off water spray from entering storm drains, bodies of water, or other environmentally sensitive areas 		
SECTION 6: ACCIDENTAL RELEASE MEAS	SURES		
6.1 Personal & environmental	Personal:		
precautions, protective equipment &	 Avoid breathing vapors 		
emergency procedures	 Ensure adequate ventilation 		
	 Keep away from ignition sources 		
	 Evacuate personnel to safe areas 		
	Environmental:		
	 Do not allow to enter sewers/surface or ground 		
	water; storm drains and soils; in case above inform respective authorities		
	 Dispose contaminated material as water according to item 13 – Ensure adequate ventilation 		
	 Collect material via broom or mop. Place in tightly 		
	sealed containers for proper disposal		
6.2 Methods & materials for containment & cleanup	 Approach spill areas with caution Create a dike or trench to contain material. Soak up with absorbent material such as clay, sand or other suitable non-reactive material Place in leak-proof containers. Seal tightly for proper disposal Dispose of in accordance with US Federal, State and local hazardous waste disposal regulations and those of Canada and its Provinces, those of Australia, Japan and EU Member States See section 13 for information on disposal information 		



SECTION 7: HANDLING	& STORAGE			
7.1 Safe handling & storage precautions,	Safe handling advice	 To prevent eye contact under the foreseeable conditions of use, wear appropriate eyewear When handling, do not eat, drink or smoke Wash thereuse by after handling. 		
including incompatibilities	Storage/Transport pressure	 Wash thoroughly after handling Contents under pressure Keep container closed when not in use store in well ventilated area 		
SECTION 8: EXPOSURE	CONTROLS/PERS	ONAL PROTECTION		
107-21-1 ethanediol				
8.1 Control parameters	IOELV (EU) PEL (USA)	260 mg/m³, 200 ppm Skin 260 mg/m³, 200 ppm		
based on OSHA'a permissible exposure	REL (USA)	Short-term value: 325 mg/m ³ , 250 ppm Long-term value: 260 mg/m ³ , 200 ppm Skin		
limits (PEL's) & OSHA's threshold limit values	TLV (USA)	Short-term value: 328 mg/m ³ , 250 ppm Long-term value: 262 mg/m ³ , 200 ppm Skin BEI		
(TLV's)	EL (Canada)	Short-term value:250 ppm Long-term value: 200 ppm Skin		
	EV (Canada)	Short-term value: 325 mg/m ³ , 250 ppm Long-term value: 260 mg/m ³ , 200 ppm Skin		
8.2 Appropriate engineering controls	N/A			
	General	 Keep away from food & food products, beverages and feed Wash hands before breaks and at the end of work Immediately remove all soiled and contaminated clothing Store protective clothing separately Avoid contact with eyes and skin 		
8.3 Personal protection	Eyes	Safety Goggles If necessary, refer to US OSHA 29 CFR 1910.133, Canadian Standards, and the European Standard EN166, Australian Standards, or relevant Japanese Standards		
measures & protective equipment recommendations	Body	Standards, or relevant Japanese Standards. Use body protect appropriate to task being performed. If necessary, refer to appropriate Standards of Canada, or appropriate Standards of the EU, Australian Standards, or relevant Japanese Standards. If a hazard of injury to the feet exists due to falling objects, rolling objects, where objects may pierce the soles of the feet or where employee's feet may be exposed to electrical hazard.		
	Respiratory	Maintain airborne contaminant concentrations below guidelines listed above, if applicable. If necessary, use only respiratory protection authorized in the US Federal OSHA Respiratory Protections Standard (29 CFR 1910.134), equivalent US State standards, Canadian CSA Standard Z94.4-93, the European Standard EN149, or EU member states.		
8.3 Personal protection measures & protective equipment	Hands	 Protective Gloves Chemical resistant gloves are recommended to prevent skin 		



	and the state	22222200 HOFON to UC OCUA 20 CED 1010 120		
recommendations	contact. If necessary, refer to US OSHA 29 CFR 1910.13 the European Standard DIN EN 34, the appropriate			
(con't.)		of Canada, Australian Standards, or relevant		
Japanese Standards.				
SECTION 9: PHYSICAL & CHEMICAL PRO				
9.1 Physical & chemical properties				
· · · ·	rm Clear	liquid		
	olor N/A	1		
	dor No da	ata available		
Odor threshold		ata available		
pH-Value		ata available		
Melting point/Melting ra	-	No data available		
Boiling point/Boiling ra	-	6 °F (2 °C)		
Flash point		°F (-60 °C)		
Evaporation rate				
Flammability (solid, gase	-	mely flammable gas		
Upper/Lower Flammability or Explosion Limits		8.5		
Vapor pressure at 20 °C		ata available		
Vapor density		er > 1.0		
Relative density		ata available		
Specific Gravity				
Solubility in w		niscible		
Partition coefficient (n-octanol/wa	-	No data available		
Weight per ga		ata available		
Auto-ignition tempera		F (287 °C)		
Decomposition tempera		No data available		
	sity No da	ata available		
SECTION 10: STABILITY & REACTIVITY				
10.1 Lists chemical stability & possibility		roduct is not reactive		
of hazardous reactions		Stable under conditions of normal storage & use Hazardous reactions will not occur		
of fidzardous reactions				
	Avoid heat	, flames, sparks and other sources of		
	ignition	, ,		
10.2 Conditions to avoid	5	ontact with material		
		may rupture if exposed to heat		
10.3 Incompatible materials				
•	Strong oxidizing agents ts Carbon oxides			
10.4 Hazardous decomposition products				
SECTION 11: TOXICOLOGICAL INFORM	_			
11.1 Routes of exposure; related symptom	, acute & ch	ronic effects, numeral measures of		
toxicity				
	cicity Data			
Butane 106-97-8	L	C50 - Rat 658,000 mg/mg ³		
	Ingredi	ents within this product are not found on		
		more of the following lists: FEDERAL OSHA		
Suspected Cancer Ag		NTP, IARC, or CAL/OSHA and therefore		
	are con	sidered to be cancer-causing agents by		



		these agencies		
Irritancy		Respiratory irritant		
Sensitization to the Product		This product is not expected to cause skin sensitization		
Germ Cell N	Autagenicity	This product does not contain ingredients that are suspected to be a germ cell mutagenic.		
Reproduc	tive Toxicity	This product is not expected to be a human reproductive toxicant		
SECTION 12: ECOLOGICAL INFO	RMATION			
12.1 Ecological Information				
Toxicity	No data availa	hle		
Persistence & degradability				
	-	a available on this product		
Bio-accumulative potential		a available on this product		
Mobility in soil	No specific dat	a available on this product		
Results of PBT & vPvB		a available on this product		
assessment		·		
Other adverse effects	No data available			
Water endangerment class	At present, there are no exotoxicological assessments for this product			
SECTION 13: DISPOSAL CONSIDERATIONS				
13.1 Disposal Considerations	Waata dianaa	I must be in accordance with appropriate LIS		
We sto two structure we the de	-	al must be in accordance with appropriate US		
Waste treatment methods		and local regulations, those of EU Member States		
	and Canada			
EU waste code		d		
SECTION 14: TRANSPORT INFO	RMATION			
14.1 Transport Information				
UN-identification number - DO	OT UN1075			
UN proper shipping nar		gases, liquefied (contains butane)		
Hazard class number & description		- Flammable gas		
DOT labels require	e d Flammabl	E GAS		
North American emergency response Guidebook Number 115				
Environmental hazard	ls Departmer	onents of this product are not designated by the It of Transportation to be Marine Pollutants (49 CFR Appendix B).		
IAT		ct is considered as dangerous goods		
IM		ct is considered as dangerous goods		
SECTION 15: REGULATORY INFO				
15.1 US Federal Regulations				
 U.S. SARA Reporting Requirements The components of this product are not subject to the reporting requirements of Sections 302, 304, and 313 of Title III of the Superfund Amendments and Reauthorization Act U.S. SARA 311/312 Acute Health: No; Chronic Health: Yes; Fire: Yes; Reactivity; No U.S. CERCLA Reportable Quantity 				



None

U.S. TSCA Inventory Status

The components of this product are listed on the TSCA Inventory or are exempted from listing **Other U.S. Federal Regulations**

None known

California Safe Drinking Water and Toxic Enforcement Act (Proposition 66)

This product does not contain ingredients on the Proposition 65 Lists

Canadian DSL/NDSL Inventory Status

Components are DSL Listed, NDSL Listed and/or are exempt from listing

Other Canadian Regulations

Not applicable

Canadian Environmental Protection Act (CEPA) Priorities Substances Lists

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by those regulations

Canadian WHMIS Classification

This product has been classified per WHMIS 2015 standards

European Economic Community Information

This product meets the definition of a hazardous substance or preparation as defined by the European Union Council Directives 67/548/EEC, 1999/45/EC, 1272/2008/EC and subsequent Directives. See Section

2 for Details

Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier **Australian Information for Product**

Components of this product are listed on the International Chemical Inventory list.

Japanese Information for Product

Japanese Minister of International Trade and Industry (MITI) Status: The components of this product are not listed as Class I specified Chemical Substances, Class II Specified Chemical Substances, or Designated

Chemical Substances by the Japanese MITI.

15.6 International Chemical Inventories

Listing of the components on individual country Chemical Inventories is as

follows: Australian Inventory of Chemical Substances (AICS): Listed

Korean Existing Chemicals List (ECL): Listed

Japanese Existing National Inventory of Chemical Substances (ENCS):

Listed Philippines Inventory if Chemicals and Chemical Substances

(PICCS): Listed

U.S. TSCA: Listed

SECTION 16: OTHER INFORMATION