Material Safety Data Sheet

HMIS®

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be **HEALTH** 1 REACTIVITY

0

consulted for specific requirements.

FLAMMABILITY

PERSONAL PROTECTION 0

В

Identity (As Used on Label and List) EPA Reg. I 08020 Do-It-All		Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.					
SECTION I							
Manufacturer's Name ITW Dymon		Emergency Telephone Number 1-800-535-5053					
Address (Number, Street, City, State, and ZIP Code)			Telephone Number for Information 1-913-397-9889				
Olathe, Kansas 66061		Date Prepared October 5, 2005 Signature of Preparer (Optional) Regulatory Dept.					
SECTION II - Hazardous Ingredients/Id	entity Information						
Hazardous Components (Specific Chemical Identity, Common Name(s))	CAS No.	OSHA PEL	ACGIH-TLV	Other Limits Recommended	% (Opt		
Propane	74-98-6	1000 ppm	Asphyxiant		1 - 5 %		
Isobutane	75-28-5	800 ppm	800 ppm		3 - 7 %		
*Butoxyethanol	111-76-2	50 ppm (skin) Not estab.	25 ppm (skin)		1 - 5 %		
*Butoxydiglycol	diglycol 112-34-5		Not estab.	1 - 5 %			
*Butoxyethanol and Butoxydiglycol (glycol o		sted and may require	e reporting under SAF	RA Title III Sec. 313	if used over t		
*Butoxydiglycol (glycol of threshold reporting quantities. This information must be included in all MS)	ether compounds) are l			RA Title III Sec. 313	if used over t		
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*Butoxyethanol and Butoxydiglycol (glycol of threshold reporting quantities. This information must be included in all MS)	ether compounds) are l	d distributed for this	product.	RA Title III Sec. 313	if used over t		
*Butoxyethanol and Butoxydiglycol (glycol of threshold reporting quantities. This information must be included in all MS) TSCA: All ingredients are on the TSCA invo	ether compounds) are l DS's that are copied an entory or are not requir	d distributed for this	product. TSCA inventory.		if used over the		
*Butoxyethanol and Butoxydiglycol (glycol of threshold reporting quantities.	ether compounds) are l DS's that are copied an entory or are not requir	d distributed for this ed to be listed on the	product. TSCA inventory.		if used over the		
*Butoxyethanol and Butoxydiglycol (glycol of threshold reporting quantities. This information must be included in all MS TSCA: All ingredients are on the TSCA involved Any substance listed as hazardous by the Sta Texas is described above if known present in	ether compounds) are l DS's that are copied an entory or are not requir tes of California, Floric regulated concentration	d distributed for this ed to be listed on the	product. TSCA inventory.		if used over t		
*Butoxyethanol and Butoxydiglycol (glycol of threshold reporting quantities. This information must be included in all MSI TSCA: All ingredients are on the TSCA involved Any substance listed as hazardous by the State Texas is described above if known present in SECTION III Physical/Chemical Characteristics.	ether compounds) are l DS's that are copied an entory or are not requir tes of California, Floric regulated concentration	d distributed for this ed to be listed on the la, Illinois, Michigan ns.	product. TSCA inventory.		if used over t		
*Butoxyethanol and Butoxydiglycol (glycol of threshold reporting quantities. This information must be included in all MS. TSCA: All ingredients are on the TSCA involved and substance listed as hazardous by the Sta	ether compounds) are l DS's that are copied an entory or are not requir tes of California, Floric regulated concentration	d distributed for this ed to be listed on the la, Illinois, Michigan ns.	ravity (H ₂ O = 1)		if used over t		
*Butoxyethanol and Butoxydiglycol (glycol of threshold reporting quantities. This information must be included in all MSI TSCA: All ingredients are on the TSCA involved and substance listed as hazardous by the State Texas is described above if known present in SECTION III Physical/Chemical Characteristics.	ether compounds) are l DS's that are copied an entory or are not requir tes of California, Florio regulated concentratio cteristics 212° F	ed to be listed on the la, Illinois, Michiganns.	ravity (H ₂ O = 1)				
*Butoxyethanol and Butoxydiglycol (glycol of threshold reporting quantities. This information must be included in all MSI TSCA: All ingredients are on the TSCA involved Any substance listed as hazardous by the State Texas is described above if known present in SECTION III Physical/Chemical Characteristics Point Concentrate Pressure (psig. @ 70° F)	ether compounds) are l DS's that are copied an entory or are not requir tes of California, Floric regulated concentratio	ed to be listed on the la, Illinois, Michigan ns. Specific Gi Concentrate Melting Po	ravity (H ₂ O = 1)	Pennsylvania or	1.02		
*Butoxyethanol and Butoxydiglycol (glycol of threshold reporting quantities. This information must be included in all MSI TSCA: All ingredients are on the TSCA involved and substance listed as hazardous by the Sta Texas is described above if known present in SECTION III Physical/Chemical Characteristics Boiling Point Concentrate	ether compounds) are l DS's that are copied an entory or are not requir tes of California, Florio regulated concentratio cteristics 212° F 70 ± 5 Greater (ed to be listed on the la, Illinois, Michigan ns. Specific Gi Concentrate Melting Po	ravity (H ₂ O = 1)	Pennsylvania or	1.02 No Data		

SECTION IV - Fire and Explosion Hazard Data

USA Flame Projection Test	Flammable Limits	LEL	UEL
0" Extinguished flame, Nonflammable	No Data	No Data	No Data

Extinguishing Media - Not usually necessary, as this product does not readily support combustion. Use an extinguishing agent applicable to the fire's fuel source (i.e. - carbon dioxide, dry chemical, foam, fog, and water spray).

Special Fire Fighting Procedures - Use water spray to keep containers cool and vapors down. Do not allow runoff to enter sewers or public watercourses. Wear self-contained breathing apparatus in chemical fires.

Unusual Fire and Explosion Hazards - Aerosol container (pressurized) may burst if heated over 120° F.

08020								October 5, 2005
SECTION V - R	eactivity Data							000000000000000000000000000000000000000
Stability	Unstable		Condit	ons to Avoid -	Extreme heat	direct sunlight		
Stability	Stable	X	Contait	ions to rivora	Extreme neut	, uncer sumigni		
Incompatibility (N			acids and	oxidizers				
					ioxide, nitric	acid, hydrochloric acid	and nit	rous oxide.
Hazardous	May Occur			nditions to Avoi			,	
Polymerization	Will Not Occur	r X		141010115 00 11 (0.	1,0110 1111	5 W I		
SECTION VI - 1	•		ı					
Route(s) of Entry	Eyes?	ıta		Inhalation?		Skin?		Ingestion?
Route(s) of Entry	Lyes.	Yes		illiaiation:	Yes	Yes		Yes
Health Hazards (A	Acute and Chronic			I	103	105		105
			iniury. H	Iarmful if absort	oed through th	ne skin. Avoid breathin	g sprav	mist. Do not get in eyes, on
								eating, drinking, chewing
								emical hygiene practices to
avoid these hazard	S.							
Carcinogenicity:		NTP?			IARC Mon	ographs?	OSH	A Regulated?
None known.				No		No		No
Prop 65 Warning	: This product co	ntains tra	ce chemi	cals known to	the State of	California to cause ca	ancer ar	nd birth defects or other
reproductive har								
			earing, bu	rning in eyes. F	Redness, dryin	g, cracking of skin. Di	zziness,	nausea, and loss of
coordination possi								
		ravated by	Exposur	e - Pre-existing	skin and lung	disorders may be aggra	avated b	y prolonged or repeated
occupational overe								
								rol Center or doctor, or
								e contact lenses, if present,
								HALED Move person to
						ration, preferably mouth		r immediately for treatment
						or. Do not give anythin		
								r for 15-20 minutes. Call a
poison control cen				imated crotining.	Kinse skin n	innediately with pienty	or water	1 101 13 20 mmutes. Cun u
SECTION VII -				Īse				
			_		in hozord Die	ok un amall anilla with r	og or to	wel. For large spills, isolate
						sary. Dike to prevent s		
absorbent. Put in				wear protective	gear as neces	sary. Dike to prevent s	pread.	vacuum or pick up on
				aminate water f	ood or feed b	ov storage or disposal	Wastes 1	resulting from the use of this
						pecial instructions for H		
						nsult federal, state or lo		
approved alternativ				•				
Precautions to be	Taken in Handlin	g and Sto	ring - Avo	oid getting produ	uct in eyes. A	void contact with skin	and clot	hing. Direct spray away
from face. Replace	e cap when not in u	ise. Wash	thorough	ly after handling	. Contents ur	nder pressure. Do not s	tore nea	r heat, sparks or flame or in
direct sunlight. Ex	posure to temperat	tures above	e 120° F n	nay cause bursti	ng. Do not pi	incture or incinerate co	ntainer.	
Other Precaution	s - Follow label dir	ections car	efully. K	eep out of reach	of children.	Do not deliberately cor	ncentrate	and inhale vapors.
SECTION VIII	- Control Measur	es						
			sually ne	essary. Use wi	th adequate ve	entilation. If PELs or T	LVs are	exceeded (see Section II),
use an approved N			, , ,	3	4			,
Ventilation	Local Exhaust		ot usually	necessary	Sr	pecial - None		
	Mechanical (Ger			•		ther - None		
Protective Gloves				or blood and	Eye Protect			

Work/Hygienic Practices - Normal. Wash thoroughly before eating, drinking, smoking, using restrooms, etc.

WARNING: The use of this product is beyond the control of the manufacture; therefore, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. The user must assume all responsibility, including injury or damage, resulting from its misuse as such, or in combination with other materials. The manufacturer warrants only that this product meets the manufacturer's epecifications for such product. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTES, EXPRESS OR IMPLIED, AS TO DESCRIPTION, QUALITY. ETNESS OR ANY PARTICULAR PURPOSE, ROPADICTIVENESS, OR ANY PARTICULAR PURPOSE, ROPADICTIVENESS, OR ANY PARTICULAR PURPOSE USE OF ITHIS PRODUCT. THE MANUFACT HAS REALLE BE IN NO WAY RESPONSIBLE FOR THE IMPROPER USE OF ITHIS PRODUCT. THE manufacturer for breach of warranty shall be reimbursement of the purchase price of the product in the event that a defective condition of the product shall be found to exist. NO OTHER REMEDY (INCLUDING BUT NOT LIMITED TO INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR INJURY TO PERSON OR PROPERTY OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR INJURY TO PERSON OR PROPERTY OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR INJURY TO PERSON OR PROPERTY OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR INJURY TO PERSON OR PROPERTY OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR INJURY TO PERSON OR PROPERTY OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR INJURY TO PERSON OR PROPERTY OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR INJURY TO PERSON OR PROPERTY OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR INJURY TO PERSON OR PROPERTY OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR INJURY TO PERSON OR PROPERTY OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR INJURY TO PERSON OR PROPERTY OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR INJURY TO PERSON

Other Protective Clothing or Equipment - Not usually necessary. If direct contact possible, use apron, boots, etc. See special instructions for

Yes, approved safety glasses or goggles. (ANSI Z87)

other body fluids.

HIV-1 disinfection.