SAFETY DATA SHEET

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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & EU Standards

SDS Revision: 2.0

SDS Revision Date: 4/12/2025

		1	PRODUC		ΡΔΝΥ	IDF			τιοι	N				
1.1	Product Name:		TCHELL F								RIN	SE S	SHA	MPOO
1.2	Chemical Name:	JH0044-01 / G	601											
1.3	Synonyms:	NA												
1.4	Product Uses & Restrictions:	Paul Mitchell F	Pet™ – Soothing	g Oatmeal No	Rinse Sh	ampoo)							
1.5	Distributor's Name:	John Paul Mite												
1.6	Distributor's Address:		Pointe Parkway											
1.7	Emergency Phone:		C: +1 (703) {		+1 (800)) 424	1-930	0						
1.8	Business Phone / Fax:	+1 (661) 298-0	0400 // +1 (661)) 298-0390										
			2. HA	ZARDS I	DENT	FIC	ATIC	DN						
2.1	Hazard Identification: Prepared in accordance with UN Globally Harmonized standards. Intended to comply with OSHA 29 CFR 1910.1200. Canadian WHMIS and Australian Work Health and Safety standards. WARNING! CAUSES EYE IRRITATION. CAUSES MILD SKIN IRRITATION. Classification: Eye Irrit. 2, Skin Irrit. 3													
2.2	Label Elements	Precautionary eyes. P305+P contact lenses	<u>nents</u> (H): H320 <u>Statements</u> (P 351+P338 – IF s, if present and elp. P332-P317): P264+P265 IN EYES: Rii d easy to do. (– Wash nse cautio Continue	thorou busly v rinsing	ughly a vith wa . P337	after ha ater for 7+P317	andling sever ' – If e	g. Do i ral mir	not tou nutes.	Remo	ve	IO PICTOGRAM REQUIRED
2.3	Additional Hazards:		F REACH OF C		nded for u	se on	pets F	Prelimir	narv pa	atch te	stina i	s recor	nmeno	ded
		1		•							y 1			
		3. CC	MPOSITI	ON & ING	REDI	ENT	INF	ORN		ION				
									EXPO	SURE L	IMITS IN	I AIR (m	g/m³)	
						AC	GIH		NOHSC			OSHA		<u> </u>
						pp	om		ppm			ppm	r –	-
CHEMI	CAL NAME(S)	CAS No.	RTECS No.	EINECS No.	%	TLV	STEL	ES- TWA	ES- STEL	ES- PEAK	PEL	STEL	IDLH	OTHER
		NA	NA	NA	90-100	NA	NA	NF	NF	NF	NA	NA	NA	
JPMS	PROPRIETARY BLEND		_	_	1							1		
	JM C14-C16 OLEFIN	68439-57-6	NA	931-534-0	1-5	NA	NA	NF	NF	NF	NA	NA	NA	
	ONATE		Irrit. 2A; H315, H3		1.2									
		61789-40-0	NA	263-058-8	1-5	NA	NA	NF	NF	NF	NA	NA	NA	
COCA	MIDOPROPYL BETAINE		Irrit. 2A; H315, H3		1.0	10.	100						100	
		-	NA	204-541-5	≤ 0.1	NA	NA	NF	NF	NF	NA	NA	NA	ALLERGEN
AMYL	CINNAMAL	122-40-7	5, Skin Sens. 1; I		30.1	N/A	N/A	INI	INI	INI	NA.	N/A	ΝA	ALLENGEN
		,	1	1	10.1	NIA	NIA				NIA	NIA	NIA	
BENZ	YL ALCOHOL	100-51-6	ND3150000	202-859-9	≤ 0.1	NA	NA	NF	NF	NF	NA	NA	NA	ALLERGEN
		. ,	4, Acute Tox. (inf		1									
BENZ	YL SALICYCLATE	118-58-1	NA	204-262-9	≤ 0.1	NA	NA	NF	NF	NF	NA	NA	NA	ALLERGEN
			03, H317, H319, I											
CITRO	NELLOL	106-22-9	UT2975000	203-375-0	≤ 0.1	NA	NA	NF	NF	NF	NA	NA	NA	ALLERGEN
		Skin. Irrit. 2, Skir	Sens. 1B, Eye Ir	rit. 2, H315, H31	7, H319	1		1	1	1		1	1	
EUGE	NOI	97-53-0	SJ4375000	202-589-1	≤ 0.1	NA	NA	NF	NF	NF	NA	NA	NA	ALLERGEN
LUUL		Skin Sens. 1, Ey	e Irrit. 2; H317, H3	319										
GERA		106-24-1	RG5830000	203-377-1	≤ 0.1	NA	NA	NF	NF	NF	NA	NA	NA	ALLERGEN
GLIVA	NIOL	Skin Irrit. 2, Skin	Sens. 1, Eye Dan	n. 1; H315, H317	′, H318									
		101-86-0	GD6560000	202-983-3	≤ 0.1	NA	NA	NF	NF	NF	NA	NA	NA	ALLERGEN
пехү	L CINNAMAL	Skin Sens. 1B; H	1317											-
10/75		107-75-5	RG7850000	203-518-7	≤ 0.1	NA	NA	NF	NF	NF	NA	NA	NA	ALLERGEN
HYDR	OXYCITRONELLOL		Irrit. 2A, Skin Sen		1								•	
		5989-27-5	GW6360000	227-813-5	≤ 0.1	NA	NA	NF	NF	NF	NA	NA	NA	ALLERGEN
LIMON	IENE						10.							
LIMON	IENE	Flam. Liq. 3, Skir	n Irrit. 2, Skin Sen	s. 1; H226, H315	5, H317				NE		1	NA	NA	
LIMON		Flam. Liq. 3, Skir 78-70-6		s. 1; H226, H315 201-134-4	5, H317 ≤ 0.1	NA	NA	NF	NF	NF	NA	NA	NA	ALLERGEN

JOHN	N PAUL MITCHELL SYSTEMS	Ē	SAF	ΕΤΥ Ι	DAT	A SI	IEE.	Т			Page 2 of 5 PM-279	
Prep	ared to OSHA, ACC, ANS	SI, NOHSC, W	HMIS, GHS & EU	Standards		SDS	Revision:	2.0	SDS	Revisio	n Date: 4/12/2	2025
			A F									
4.1	First Aid:	Ingestion:	If ingested, do n	IRST All				n Contr	ol Cente	r or locs		number
		<u>ingeotion</u> .	Provide an estin									
		Eyes:	was swallowed. Splashes are no	t likely: howe	ver if produ	uct aets in	the eves f	ush with	n conious	s amoui	nts of lukewa	m water
			for at least 15 m	inutes. If irrit	ation occur	s, contact	a physiciar		•			
		<u>Skin</u> :	If irritation occur washing of the									
		washing of the affected area with soap and water. If irritation, redness or swelling persi physician immediately.						ig percicito, e	ontaot a			
4.2	Effects of Exposure:	Inhalation: Ingestion:	Remove victim t If product is swa			oo vomitir	a and/or d	iarrhaa				
		Eyes:	Moderately irrita						nclude re	edness,	itching, irrita	tion and
			watering.					-				
		<u>Skin</u> :	None expected. welts, dermatitis			iduals, the	product ca	an caus	e allergio	skin re	eactions (e.g.,	rashes,
		Inhalation:	None expected.									
4.3	Symptoms of Overexposure:		re in eyes may o					me ser	nsitive ir	ndividua	ls, symptoms	s of skin
4.4	Acute Health Effects:		e may include red on to eyes. In som					near aff	ected ar	eas		
4.5	Chronic Health Effects:		or chronic health e			<u> </u>						
4.6	Target Organs:	Eyes, Skin							0			_
4.7	Medical Conditions Aggravated by Exposure:		dermatitis, other	skin conditio	ons, and d	isorders o						1
		target organs	s (eyes).									0
											ENT	0
							EYE		IVE EC			В
									SKIN			
			5. FIR	EFIGHT	NG ME	ASUR	ES					
5.1	Fire & Explosion Hazards:	This produc	t is non-flammat	ole. When	exposed t	o high tei	nperatures	, may	produce	hazar	dous	
		1	on products such a		arbon (e.g.	., CO, CO ₂) and nitrog	en (e.g	, NO _x) a	nd smo	ke.	
5.2 5.3	Extinguishing Methods: Firefighting Procedures:		n, CO ₂ , Dry Chemi					-				0
5.5	Thenghung Procedures.		e, wear MSHA/NIC e gear. Keep co									
		exposed sur	faces and to prote	ect personal.	Fight fire u	ipwind. Pr	event runo	ff from f	ire contr	ol or dil	ution	
			g sewers, drains, including NIOSH-									\checkmark
			ntial hazardous co								01001	
			6. ACCIDE									
6.1	Spills:		ing any spill or lea						opriate P	ersonal	Protective Fo	nuipment
		(PPE).	ing any opin of loa	it, individuale		opin oloun		ai appi	phaton	oroona		aipinoin
			<u>oills</u> (e.g., < 1 gal									
		equipment (e.g., goggles, gloves). Remove spilled material with absorbent material and place into appropriate closed container(s) for disposal. Dispose of properly in accordance with local, state and federal regulations. Wash all affected										
			utside of contain									
			atora rauca									
		thoroughly b	elore reuse.									
		thoroughly b		G & STC	RAGE	INFOR)N				
7.1	Work & Hygiene Practices:	thoroughly b	Irink, or smoke wh				MATIC)N				
7.1 7.2	Work & Hygiene Practices: Storage & Handling:	thoroughly b 7 Do not eat, d Use and stor	HANDLIN Irink, or smoke wh e in a cool, dry, w	ile handling t	his product				ans). Ke	ep awa	ly from exces	sive heat
7.2	Storage & Handling:	thoroughly b 7 Do not eat, d Use and stor and open fla	HANDLIN Irink, or smoke wh e in a cool, dry, w mes.	ile handling t ell-ventilated	his product location (e.	g., local ex	haust vent	lation, f		eep awa	y from exces	sive heat
		thoroughly b 7 Do not eat, d Use and stor and open fla	HANDLIN Irink, or smoke wh e in a cool, dry, w	ile handling t ell-ventilated	his product location (e.	g., local ex	haust vent	lation, f		eep awa	y from exces	sive heat
7.2	Storage & Handling:	thoroughly b 7 Do not eat, d Use and stor and open fla Spilled mate	HANDLIN Irink, or smoke wh e in a cool, dry, w mes.	ile handling t ell-ventilated slipping haza	his product location (e. ard if left ur	g., local ex nattended.	haust vent Clean all s	lation, f	mptly.	eep awa	ly from exces	sive heat
7.2	Storage & Handling: Special Precautions: Exposure Limits:	thoroughly b 7, Do not eat, d Use and stor and open flat Spilled mate 8. EXPC	. HANDLIN Irink, or smoke wh re in a cool, dry, w mes. rial may present a DSURE COI	ile handling t ell-ventilated slipping haza NTROLS ACGIH	his product location (e. ard if left ur & PER	g., local ex nattended. SONA	haust vent Clean all s L PRO	lation, f pills pro	ION osha		y from excess	sive heat
7.2	Storage & Handling: Special Precautions:	thoroughly b 7 Do not eat, d Use and stor and open flai Spilled mate 8. EXPC CHEMICAL NAM	. HANDLIN Irink, or smoke wh re in a cool, dry, w mes. rial may present a DSURE COI	ile handling t ell-ventilated slipping haza NTROLS ACGIH TLV STEL	his product location (e. ard if left ur & PER ES-TWA	g., local ex nattended. SONA NOHSC ES-STEL	haust vent Clean all s L PRO ES-PEAK	lation, f pills pro FECT PEL	ION OSHA STEL	IDLH		sive heat
7.2	Storage & Handling: Special Precautions: Exposure Limits: ppm (mg/m ³) Ventilation & Engineering	thoroughly b 7 Do not eat, d Use and stor and open flai Spilled mate 8. EXPC CHEMICAL NAM NA	. HANDLIN Irink, or smoke where in a cool, dry, we mes. rial may present a DSURE COI	Ile handling t ell-ventilated slipping haza NTROLS ACGIH TLV STEL NA NA	his product location (e. ard if left ur & PER <u>ES-TWA</u> NA	g., local ex nattended. SONA NoHSC ES-STEL NF	haust vent Clean all s L PRO ES-PEAK NF	lation, f pills pro FECT PEL NA	ION OSHA STEL NA	IDLH NA	OTHER	
7.2 7.3 8.1 8.2	Storage & Handling: Special Precautions: Exposure Limits: ppm (mg/m ³) Ventilation & Engineering Controls:	thoroughly b 7 Do not eat, d Use and stor and open flai Spilled mate 8. EXPC CHEMICAL NAM NA When workir Ensure that a	. HANDLIN Irink, or smoke where in a cool, dry, we mes. rial may present a DSURE COI ME(s) Ing with large qua an eyewash statio	ILE handling t ell-ventilated Slipping haza NTROLS ACGIH TLV STEL NA NA ntities of this n, sink, or wa	his product location (e. ard if left ur & PER Es-twa NA product, p shbasin is	aattended. SONA NoHSC ES-STEL NF provide ade available in	haust vent Clean all s L PRO ES-PEAK NF equate ven n case of ex	Iation, f pills pro FECT PEL NA tilation kposure	ION OSHA STEL NA (e.g., loc to eyes.	IDLH NA cal exha	OTHER aust ventilatio	
7.27.38.1	Storage & Handling: Special Precautions: Exposure Limits: ppm (mg/m ³) Ventilation & Engineering	thoroughly b 7 Do not eat, d Use and stor and open flai Spilled mate 8. EXPC CHEMICAL NAM NA When workir Ensure that a No special ref	. HANDLIN Irink, or smoke where in a cool, dry, we mes. rial may present a DSURE COI ME(S) IN with large qua an eyewash statio espiratory protection	Ile handling t ell-ventilated slipping haza NTROLS ACGIH TLV STEL NA NA ntities of this n, sink, or wa on is required	his product location (e. ard if left ur & PER Es-twa NA product, p shbasin is under typic	attended. SONA NOHSC ES-STEL NF provide add available in cal circums	haust vent Clean all s L PRO ES-PEAK NF equate ven n case of ez tances of u	Iation, f pills pro FECT NA tilation kposure se or ha	ION OSHA STEL NA (e.g., loc to eyes. ndling. I	IDLH NA cal exha	OTHER aust ventilatic	
7.2 7.3 8.1 8.2	Storage & Handling: Special Precautions: Exposure Limits: ppm (mg/m ³) Ventilation & Engineering Controls:	thoroughly b 7 Do not eat, d Use and stor and open flai Spilled mate 8. EXPC CHEMICAL NAM NA When workin Ensure that a No special re use only res	. HANDLIN Irink, or smoke where in a cool, dry, we mes. rial may present a DSURE COI ME(s) Ing with large qua an eyewash statio	Inite handling t ell-ventilated slipping haza NTROLS ACGIH TLV STEL NA NA Inities of this n, sink, or wa on is required on authorized	his product location (e. ard if left ur & PER Es-twa NA product, p shbasin is under typic per U.S.	g., local ex nattended. SONA NoHSC ES-STEL NF provide add available in cal circums OSHA's m	haust vent Clean all s L PRO ES-PEAK NF equate ven n case of ez tances of u equirement	Iation, f pills pro FECT NA tilation kposure se or ha in 29	ION OSHA STEL NA (e.g., loc to eyes ndling. I CFR §1	IDLH NA cal exha	OTHER aust ventilationsary, 4, or	
7.2 7.3 8.1 8.2	Storage & Handling: Special Precautions: Exposure Limits: ppm (mg/m ³) Ventilation & Engineering Controls:	thoroughly b 7 Do not eat, d Use and stor and open flai Spilled mate 8. EXPC CHEMICAL NAM NA When workin Ensure that a No special re use only res	. HANDLIN Irink, or smoke wh re in a cool, dry, w mes. rial may present a DSURE COI ME(s) ME(s) ME(s) Age with large qua an eyewash statio espiratory protection S. state regulation	Inite handling t ell-ventilated slipping haza NTROLS ACGIH TLV STEL NA NA Inities of this n, sink, or wa on is required on authorized	his product location (e. ard if left ur & PER Es-twa NA product, p shbasin is under typic per U.S.	g., local ex nattended. SONA NoHSC ES-STEL NF provide add available in cal circums OSHA's m	haust vent Clean all s L PRO ES-PEAK NF equate ven n case of ez tances of u equirement	Iation, f pills pro FECT NA tilation kposure se or ha in 29	ION OSHA STEL NA (e.g., loc to eyes ndling. I CFR §1	IDLH NA cal exha	OTHER aust ventilationsary, 4, or	

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Prep	ared to OSHA, ACC, AN	NSI, NOHSC, WHMIS, GHS & EU Standards SDS Revision: 2.0 SDS Revision Date: 4/12/2025						
	8.	EXPOSURE CONTROLS & PERSONAL PROTECTION – cont'd						
8.4	Eye Protection:	Wear protective eyewear (e.g., safety glasses with side-shield) always when handling large quantities						
		$(e.g., \ge 1$ gallon (3.8 L)) of this product. Always use protective eyewear when cleaning spills or leaks. Contact lenses pose a special hazard; soft lenses may absorb and concentrate irritants.						
8.5	Hand Protection:	If anticipated that prolonged & repeated skin contact will occur during use of this product, wear latex or rubber gloves for routine industrial use. If necessary, refer to U.S. OSHA 29 CFR §1910.138, the						
8.6	Body Protection:	appropriate standards of Canada, of the EU member states. However, no special body protection is required under typical circumstances of use and handling. If necessary, refer to appropriate standards of Canada, the EU member states, or U.S. OSHA.						
		9. PHYSICAL & CHEMICAL PROPERTIES						
9.1	Appearance:	Slightly hazy, cream-like						
9.2	Odor:	Fresh clean almond						
9.3	Odor Threshold:	NA						
9.4	pH:	5.0-5.5						
9.5	Melting Point/Freezing Point:	NA						
9.6	Initial Boiling Point/Boiling	NA						
9.7	Range: Flashpoint:	NA						
9.8	Upper/Lower Flammability							
	Limits:	NA						
9.9	Vapor Pressure:	NA						
9.10	Vapor Density:	NA						
9.11 9.12	Specific Gravity	0.981 – 1.02						
9.12	Solubility: Partition Coefficient (log Pow):	Soluble						
9.13	Autoignition Temperature:	NA NA						
9.15	Decomposition Temperature:	NA						
9.16	Viscosity:	NA						
9.17	Other Information:	NA						
		10. STABILITY & REACTIVITY						
10.1	Stability:	This product is stable.						
10.2	Hazardous Decomposition	Oxides of carbon (CO, CO ₂) and sulfur (SO ₂).						
10.3	Products: Hazardous Polymerization:							
10.3	Conditions to Avoid:	Will not occur. Extreme temperatures.						
10.4	Incompatible Substances:	None known.						
		None known.						
		11. TOXICOLOGICAL INFORMATION						
11.1	Routes of Entry:	Inhalation: NO Absorption: YES Ingestion: YES						
11.2	Toxicity Data:	This product has NOT been tested on animals to obtain toxicology data. Toxicology data, found in scientific literature, is available for some of the components of the product, but is not presented in this document.						
11.3	Acute Toxicity:	See Section 4.4						
11.4	Chronic Toxicity:	See Section 4.5						
11.5	Suspected Carcinogen:	This product does not contain any chemicals known to the State of California to cause cancer or other reproductive harm.						
11.6	Reproductive Toxicity:	This product is not reported to produce reproductive toxicity in humans.						
	Mutagenicity:	This product is not reported to produce mutagenic effects in humans.						
	Embryotoxicity:	This product is not reported to produce embryotoxic effects in humans.						
	Teratogenicity:	This product is not reported to cause teratogenic effects in humans.						
11 7	Reproductive Toxicity:	This product is not reported to cause reproductive effects in humans.						
11.7 11.8	Irritancy of Product: Biological Exposure Indices:	See Section 4.3.						
11.0	Physician Recommendations:	NE Treat symptomatically.						
11.0		Theat symptomatically.						
	r	12. ECOLOGICAL INFORMATION						
12.1	Environmental Stability:	There is no specific data available for this product.						
12.2	Effects on Plants & Animals:	There is no specific data available for this product. There is no specific data available for this product.						
12.3	Effects on Aquatic Life:							
-		13. DISPOSAL CONSIDERATIONS						
13.1	Waste Disposal:	Dispose of in accordance with federal, state, and local regulations.						
13.2	Special Considerations:	NA						

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		14. TRANSPORTATIO						
The	basic description (ID Nun		n, packing group) is shown for each mode of transportation. Additional					
desc	criptive information may be	e required by 49 CFR, IATA/ICAO, IMDG and the C	TDGR.					
14.1	49 CFR (GND):	NOT REGULATED						
14.2	IATA (AIR):	NOT REGULATED	NOT REGULATED					
14.3	IMDG (OCN):	NOT REGULATED						
14.4	TDGR (Canadian GND):	NOT REGULATED						
14.5	ADR/RID (EU):	NOT REGULATED						
14.6	SCT (MEXICO):	NOT REGULATED						
14.7	ADGR (AUS):	NOT REGULATED						
		15. REGULATORY I	NEORMATION					
15.1	SARA Reporting		pject to SARA Title III, Section 313 reporting requirements.					
15.2	Requirements: SARA Threshold Planning		, , , , , , , , , , , , , , , , , , , ,					
	Quantity:	There are no specific Threshold Planning Quantiti	· · · · ·					
15.3 15.4	TSCA Inventory Status: CERCLA Reportable Quantity	The components of this product are listed on the	SCA Inventory.					
	(RQ):	NA						
15.5	Other Federal Requirements:	(Cosmetics). This material does not contain any ha	tions of the Food and Drug Administration's 21 CFR subchapter G azardous air pollutants. None of the components in this product are listed components in this product are listed as toxic pollutants under the CWA.					
15.6	Other Canadian Regulations:	This product has been classified according to the hazard criteria of the HPR and the SDS contains all of the information required by the HPR. The components of this product are listed on the DSL/NDSL. None of the components of this product are listed on the Priorities Substances List.						
15.7	State Regulatory Information:	No hazardous ingredients in this product, present in a concentration of 1.0% or greater, are listed on any of the following state criteria lists: California Proposition 65 (CA65), Delaware Air Quality Management List (DE), Florida Toxic Substances List (FL), Massachusetts Hazardous Substances List (MA), Michigan Critical Substances List (MI), Minnesota Hazardous Substances List (MN), New Jersey Right-to-Know List (NJ), New York Hazardous Substances List (NY), Pennsylvania Right-to-Know List (PA), Washington Permissible Exposures List (WA), Wisconsin Hazardous Substances List (WI). This product does not contain any chemicals known to the State of California to cause cancer or other reproductive harm. For more information go to www.P65Warnings.ca.gov.						
15.8	Other Requirements:	This product contains ingredients found on the	following inventory lists: Australia (AICS); China (IECSC); Europe brea (KECI); New Zealand (NZloC); Philippines (PICCS); USA (TSCA).					
		16. OTHER INFO	RMATION					
16.1	Other Information:	WARNING! CAUSES EYE IRRITATION. CAUSE						
		For external use only. Use only as directed. Dis handling. Do not touch your eyes. IF IN EYES: R	continue use immediately if irritation develops. Wash thoroughly after inse cautiously with water for several minutes. Remove contact lenses, rritation persists: Get medical help. IF skin irritation occurs: Get medical					
16.2	Terms & Definitions:	See last page of this Safety Data Sheet.						
16.3	Disclaimer:	government regulations must be reviewed for app Systems', knowledge, the information contained suitability or completeness is not guaranteed and r information contained herein relates only to the sp	SHA's Hazard Communication Standard, 29 CFR §1910.1200. Other licability to this product. To the best of ShipMate's & John Paul Mitchell herein is reliable and accurate as of this date; however, accuracy, no warranties of any type, either expressed or implied, are provided. The becific product(s). If this product(s) is combined with other materials, all may be changed from time to time. Be sure to consult the latest edition.					
16.4	Prepared for:	John Paul Mitchell Systems 20705 Centre Pointe Parkway, Santa Clarita, CA 91350 USA Tel: +1 (661) 298-0400 Fax: +1 (661) 298-0390	JOHN PAUL MITCHELL SYSTEMS					
16.5	Prepared by:	ShipMate, Inc. P.O. Box 787 Sisters, Oregon 97759-0787 USA Tel: +1 (310) 370-3600 Fax: +1 (310) 370-5700 http://www.shipmate.com	ShipMate Dangerous Goods Training & Consulting					

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DEFINITION OF TERMS

A large number of abbreviations and acronyms appear on a SDS. Some of these that are commonly used include the following: GENERAL INFORMATION: NATIONAL FIRE

CAS No.	Chemical Abstract Service Number
RTECS No.	Registry of Toxic Effects of Chemical Substances Number
EINECS No.	European Inventory of Existing Commercial Chemical Substances Number

EXPOSURE LIMITS IN AIR:

ACGIH	American Conference on Governmental Industrial Hygienists
IDLH	Immediately Dangerous to Life and Health
NOHSC	National Occupational Health and Safety Commission (Australia)
OSHA	U.S. Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
STEL	Short Term Exposure Limit
TLV	Threshold Limit Value
TWA	Time Weighted Average

FIRST AID MEASURES:

CPF	Cardiopulmonary resuscitation - method in which a person whose heart has
	stopped receives manual chest compressions and breathing to circulate
	blood and provide oxygen to the body.

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM: HMIS

HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

	0	Minimal Hazard	HEALTH
	1	Slight Hazard	FLAMMABILITY
Γ	2	Moderate Hazard	PHYSICAL HAZARDS
Γ	3	Severe Hazard	PERSONAL PROTECTION
	4	Extreme Hazard	

PERSONAL PROTECTION RATINGS:



OTHER STANDARD ABBREVIATIONS:

Carc	Carcinogenic
Irrit	Irritant
NA	Not Available
NR	No Results
ND	Not Determined
NE	Not Established
NF	Not Found
SCBA	Self-Contained Breathing Apparatus
Sens	Sensitization
STOT RE	Specific Target Organ Toxicity – Repeat Exposure
STOT SE	Specific Target Organ Toxicity – Single Exposure

NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

FLAMMABILI	FLAMMABILITY LIMITS IN AIR:					
Autoignition Temperature	Minimum temperature required to initiate combustion in air with no other source of ignition					
LEL	Lower Explosive Limit - lowest percent of vapor in air, by volume, that will					
	explode or ignite in the presence of an ignition source					
UEL	Upper Explosive Limit - highest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source					

HAZARD RATINGS:

0	Minimal Hazard	FLAMMABILITY
1	Slight Hazard	
2	Moderate Hazard	REACTIVITY
3	Severe Hazard	
4	Extreme Hazard	
ACD	Acidic	
ALK	Alkaline	
COR	Corrosive	
W	Use No Water	HEALTH
OX	Oxidizer	SPECIAL
TREFOIL	Radioactive	PRECAUTIONS

TOXICOLOGICAL INFORMATION:

LD ₅₀	Lethal Dose (solids & liquids) which kills 50% of the exposed animals
LC ₅₀	Lethal concentration (gases) which kills 50% of the exposed animal
ppm	Concentration expressed in parts of material per million parts
TD _{Io}	Lowest dose to cause a symptom
TCLo	Lowest concentration to cause a symptom
TD _{io} , LD _{io} , & LD _o or	Lowest dose (or concentration) to cause lethal or toxic effects
TC, TC _o , LC _{lo} , & LC _o	
IARC	International Agency for Research on Cancer
NTP	National Toxicology Program
RTECS	Registry of Toxic Effects of Chemical Substances
BCF	Bioconcentration Factor
TLm	Median threshold limit
log Kow or log Koc	Coefficient of Oil/Water Distribution

REGULATORY INFORMATION:

WHMIS	Canadian Workplace Hazardous Material Information System					
DOT	U.S. Department of Transportation					
TC	Transport Canada					
EPA	U.S. Environmental Protection Agency					
DSL	Canadian Domestic Substance List					
NDSL	Canadian Non-Domestic Substance List					
PSL	Canadian Priority Substances List					
TSCA	U.S. Toxic Substance Control Act					
EU	European Union (European Union Directive 67/548/EEC)					
WGK	Wassergefährdungsklassen (German Water Hazard Class)					

CLP/GHS (1272/2008/EC) PICTOGRAMS:

			\Diamond					¥2
GHS01	GHS02	GHS03	GHS04	GHS05	GHS06	GHS07	GHS08	GHS09
Explosive	Flammable	Oxidizer	Pressurized	Corrosive	Toxic	Harmful Irritating	Health Hazard	Environment