Page 1 of 6 **2K-058** 

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards SDS Revision: 1.0 SDS Revision Date: 4/8/2020 1. PRODUCT & COMPANY IDENTIFICATION 1.1 Product Name: **HOYU AMERICA CO. PROMASTER DEVELOPER 9 %** 1.2 Chemical Name: NA ProMaster Developer 9% 1.3 Synonyms 1.4 Trade Names Hoyu America ProMaster Developer 9% Professional Use Only 1.5 Product Use: 1.6 Distributor's Name: TU-K Industries. Inc. 1.7 Distributor's Address 5702 Firestone Place, South Gate, CA 90280 1.8 Emergency Phone: CHEMTEL: +1 (800) 255-3924 / +01-813-248-0585 1.9 Business Phone / Fax: +1 (562) 927-3365 / +1 (562) 928-8154 2. HAZARDS IDENTIFICATION This product is classified as a HAZARDOUS SUBSTANCE but NOT as DANGEROUS GOODS according to the 2.1 Hazard Identification: classification criteria of NOHSC: 1088 (2004) and ADG Code (Australia). DANGER! CAUSES SERIOUS EYE DAMAGE. CAUSES SKIN IRRITATION. Classification: Eye Dam. 1; Skin Irrit. 3 2.2 Label Elements: Hazard Statements (H): H318 - Causes serious eye damage. H315 - Causes skin irritation. Precautionary Statements (P): P264 - Wash thoroughly after handling. P280 - Wear protective gloves and eye/face protection. P302+P352 - IF ON SKIN: Wash with plenty of soap and water. P332+P313 – If skin irritation occurs: Get medical advice/attention. P305+P351+P338 – IF IN EYES: Remove contact lenses, if present and easy to do. Continue rinsing. P310 - Immediately call a POISON CENTER/doctor. P337+P313 - If eye irritation persists: Get medical advice/attention. P405 - Store locked up. P501 - Dispose of contents/container to a licensed treatment, storage or disposal facility (TSDF). 2.3 Other Warnings: KEEP LOCKED UP AND OUT OF REACH OF CHILDREN. Preliminary patch testing is recommended. Tattoos, including black and temporary henna, may increase the risk of an allergic skin reaction. If a severe allergic reaction should occur, immediately seek medical attention. This product must not be used for dyeing the eyelashes or eyebrows - to do so may cause blindness. **COMPOSITION & INGREDIENT INFORMATION** 3. EXPOSURE LIMITS IN AIR (mg/m<sup>3</sup>) ACGIH NOHSC OSHA ppm ppm ppm ES ES-ES STEL STEL STEL CHEMICAL NAME(S) CAS No. RTECS No. EINECS No. % TLV TWA PEAK PEL IDLH OTHER 60-100 7732-18-5 ZC0110000 231-791-2 NA NA NF NF NF NA NA NA AQUA (WATER/EAU) 7722-84-1 MX0900000 231-765-0 1-9 (1.4) NA (1.4) NF NF (1.4) NA 75 HYDROGEN PEROXIDE Eye Irrit. 2; H319 67762-27-0 NA 267-008-6 1-5 NA NF NF NA NA NA NF NA CETEARYL ALCOHOL 112-92-5 NA NF NA NA NA RG2010000 204-017-6 1-3 NA NF NF STEARYL ALCOHOL NA NA NA NA 68439-49-6 NA NA 0.1-1 NA NF NF NF CETEARETH-25 59186-41-3 NA NA 0.1-1 NA NA NF NF NF NA NA NA SODIUM CETEARYL SUFATE 9005-00-9 NA 500-17-8 0.1-1 NA NA NF NF NF NA NA NA STEARETH-2 3794-83-0 NA 223-267-7 0-0.1 NA NA NF NF NF NA NA NA TETRASODIUM ETIDRONATE SZ8562100 220-552-8 0-0.1 NA NA NF NF NF NA NA NA 2809-21-4 ETIDRONIC ACID Met. Corr. 1; Acute Tox. 4; Eye Dam. 1; H290, H302, H318 122-99-6 KN0350000 204-589-7 0-0.1 NA NA NF NF NF NA NA NA PHENOXYETHANOL Acute Tox. 4 \*; Eye Irrit. 2; H302, H319

Page 2 of 6 **2K-058** 

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards SDS Revision: 1.0

SDS Revision Date: 4/8/2020

				4	. FI	RSI	AID	MEA	SUR	ES								
4.1	First Aid:	Ingestion: If ingested, do not induce vomiting. If product has been swallowed, drink plenty of water or milk IMMEDIATELY. If the patient is vomiting, continue to offer water or milk. Never give water or milk to an unconscious person. Contact the nearest Poison Control Center or local emergency number. Provide an estimate of the time at which the material was ingested and the amount of the substance that was swallowed.																
		<u>Eyes</u> :							roduct g nediate r		e eyes, flu attention.	lsh	with co	piou	us ai	mounts	of I	ukewarm
		<u>Skin</u> :	lf irr was	itation o	the af	and pro	oduct is	s on the	skin, rin	se thorou	irritation,							
		Inhalation:	Ren	nove vic	tim to	fresh ai												
4.2	Effects of Exposure:	<u>Ingestion</u> : <u>Eyes</u> : <u>Skin</u> :	Moo wate May	lerately ering.	irritatir ating to	ng to th o skin.	ne eyes The p	s. Sym	ptoms o	foverexp	d/or diarrhe oosure may c skin reac	y ind						
		Inhalation:		ie expec														
4.3	Symptoms of Overexposure:	Overexposur include redn welts, derma	lness, i	itching,	and irr	itation	of affe	ected ar										
4.4	Acute Health Effects:	Severe irrita Moderate irri							ure may	include	redness, it	tchir	ng, sting	ging	g, irri	tation a	and v	watering
4.5	Chronic Health Effects:	These ingred				ng to sl	kin and	d mucou	us memb	rane of th	ne eye and	l res	piratory	sys	stem	•		
4.6	Target Organs:	Eyes, Skin, F																
4.7	Medical Conditions Aggravated by Exposure:	Pre-existing target organs							disorders	of the	he HEALTH FLAMMABILITY							1 0
											PHYSIC			RD	S			1
											PROTE				-	NT		В
											EYES						Т	0
											EIES		SNIN					
											ETES		SKIN					
				5.	FIRE	FIG	HTIN	NG M	EASU	RES	LIES		SKIN					
5.1	Fire & Explosion Hazards:	This product	ct is no			FIG	HTIN	NG M	EASU	RES	ETES		<u>3111</u>					
5.2	Extinguishing Methods:	CO <sub>2</sub> , Halon	n (if per	t flamma mitted),	able. Dry C	hemica	ıl, Foar	n, as au	uthorized									
			n (if per fire, nd full ol fire-e or dilut must pparat	t flamma mitted), wear M protective exposed ion from use full us to pro	able. Dry C SHA/N ve gea I surfac n enter bunke	hemica IIOSH r. Kee ces and ing sew r gear i	al, Foam approv ep cont d to prov vers, dr includir	m, as au ved se itainers otect per rains, dr ng NIOS	uthorized If-contair cool unti rsonal. F rinking w SH-appro	led brea l well afte light fire ater supp oved pos	thing appa er the fire i upwind. P bly, or any itive pressi	arat is of reve natu ure	us (pre ut. Use ent runo ural wat self-cor	e wa off fro erwa ntain	ater om ay. ned			1
5.2	Extinguishing Methods:	CO <sub>2</sub> , Halon ( As in any demand) and spray to cool fire control o Firefighters r breathing ap	n (if per fire, nd full ol fire-e or dilut must pparat deficie	t flamma mitted), wear M protectiv exposed ion from use full us to pro encies.	able. Dry Cl SHA/N ve gea I surfac o enter bunke otect a	hemica IIOSH r. Kee ces and ing sew r gear i igainst	al, Foam approvep cont d to provers, dr includir potenti	m, as au ved se itainers otect per rains, dr ng NIOS ital haza	uthorized If-contair cool unti rsonal. F rinking w SH-appro ardous co	ed brea l well after Fight fire ater supp oved pos ombustion	thing appr er the fire i upwind. P uply, or any itive pressi n or decorr	arat is of reve natu ure	us (pre ut. Use ent runo ural wat self-cor	e wa off fro erwa ntain	ater om ay. ned			1
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5.2	Extinguishing Methods: Firefighting Procedures:	CO <sub>2</sub> , Halon ( As in any demand) and spray to cool fire control o Firefighters r breathing ap and oxygen (	(if per fire, or diult or dilut must parata deficion <b>6.</b> aning a (PPE). <u>spills</u> ( ventilat e closed d wash <u>spills</u> ( e. g., sar for pro	t flamma mitted), wear M protective exposed ion from use full us to pre- encies. ACCCI any spil Keep i e.g., < ion (op- d contain l areas t horoug a.g., ≥ 1 d or ea per disp	able. Dry Cl SHA/N ve gea I surfact o enter bunke otect a I or le ncomp 1 gallo en doo ner(s) f and o ghly be I gallo trth). Tr posal.	hemica IIOSH r. Kee ces and ing sew r gear i gainst ITAL eak, inc atible r on (3.8 for disp utside of for disp utside of for ansfer ransfer Remo	II, Foam approv ep cont d to pro vers, dr includir potenti dividual materia 8 L)) v d wind posal. I of cont use. L)), de liquid t ve con	m, as au ved se tainers btect per rains, dr ng NIOS ial haza LEAS als invol als (e.g., wear ap dows). I Dispose tainer v eny entr to containant	uthorized If-contair cool unti rsonal. F rinking w SH-appro- ardous co <b>SE ME</b> lved in s , organic popropriat Remove e of prop with plen y to all ainers foo ted cloth	ed brea l well aftr ight fire ater supp wed pos mbustion EASUI spill clea s such as e persor spilled r erly in ac ty of war unprotec recover ing prom	thing app er the fire i upwind. P oly, or any itive pression or decom <b>RES</b> nup must s oil) away al protection material w ccordance w rm water a ted individ y or dispos ptly and w	arat is of reve natu ure npos fron ive with and luals sal a vash	us (pre ut. Use ent runo ural wat self-cor- ition pr ar appr ar appr ar appr local, s soap. . Dike affecte	e wa off fro erwa ntain odue copri- ent ent Ref and dil	ater om ay. hed icts iate (e.cc mate mov d cc king	g., gogg erial ar I federa e any ontain s materia	gles, id pl il reg conta pill v al to	gloves) ace into julations aminated with iner separate
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6.1	Extinguishing Methods: Firefighting Procedures: Spills:	CO <sub>2</sub> , Halon of As in any indemand) and spray to cool fire control of Firefighters in breathing ap and oxygen of Before clear Equipment (I For <u>small sp</u> Maximize ve appropriate of Wash all aff clothing and For <u>large sp</u> material (e.g containers for water. Keep <b>7</b> Do not eat, of combustible	(if per fire, or diult of fire-e or dilut must pparat deficion <b>6.</b> aning a (PPE). <u>spills</u> ( vertilat cosed diffected d wash <u>spills</u> ( <u>spills</u> ( <u>spill</u>	t flamma mitted), wear M protective exposed ion from use full us to pre- encies. <b>ACCI</b> any spil Keep i e.g., $<$ ion (op- d contain l areas thoroug e.g., $\geq$ 1 d or ea per disp and cle <b>ANDDI</b> or smokk rials. Av intention a cool, mes. Av iage.	Able. Dry Cl SHA/N ve gea I surfact on enter bunke otect a <b>DEN</b> I or le ncomp 1 gallo rh() Tr oghly be I gallo rth). Tr ossal. eaning <b>LINC</b> and res dry, we oid ten	hemica IIOSH r. Kee ces and ing sew r gear i gainst ITAL eak, inc atible r on (3.8 for disp utside r for disp utside r for disp utside r for ansfer r ansfer r Remoo runoffs e handl ntamin idues v ell-vent	II, Foam approvep cont to provers, dr includir potenti dividual materia 8 L)) v d wind posal. I of cont use. L)), de liquid t ve con s out of STOF ling this nation f with soat illated I ures abu	m, as au ved se tainers bitct per rains, dr ng NIOS ial haza <b>LEAS</b> als invol als (e.g., wear ap dows). If Dispose tainer v eny entr to container to container to container to container the container	uthorized If-contair cool unti rsonal. F rinking w SH-appro- ardous co- <b>SE ME</b> lved in s , organic popropriat Remove a of prop with plen ry to all ainers for ted cloth pal sewe <b>E INF(</b> ct. Wash y source warm wa (e.g., lo 0°F. Ke	ied breat i well aftr ight fire ater supp wed pos mbustion <b>EASUI</b> spill cleat s such as e person spilled r erly in ac ty of wal unprotec recover ing prom <b>DRMA</b> thorough , includir ter. cal exha ep away	thing appa er the fire i upwind. P bly, or any itive pression or decom <b>RES</b> nup must s oil) away hal protection material w cordance w rm water a ted individ y or dispose ptly and w ben bodies <b>TION</b> hly after ha ng metals, ust ventilal from incon	arati is or natu ure npos fron ive fron ive with and luals sal a vash dus tion, npat	us (pre ut. Use int runo iral wat self-cor ition pr ar appr ar appr booling local, s soap. . Dike affecter vater. ible sub	e wa ff fro erwa ntain odu ropri ent ent ent katate Rei and dill ed si of corgan Ke	ater om ay. hed icts iate (e.cc mate e and mov d ccc king kin a conta nic r	g., gogg erial and d federa e any materia areas w not with materia away fro	gles, d pl l reg conta pill v al to sith s flam flam s. K	gloves) ace into julations aminated with iner separate soap and mable o eep bull xccessive

Page 3 of 6 **2K-058** 

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SDS Revision: 1.0

SDS Revision Date: 4/8/2020

1	Exposure Limits:		AC	SIH		NOHSC	r		OSHA		OTHER
	ppm (mg/m <sup>3</sup> )	CHEMICAL NAME(S)	TLV	STEL	ES-TWA	ES- STEL	ES- PEAK	PEL	STEL	IDLH	
		HYDROGEN PEROXIDE	(1.4)	NA	(1.4)	NF	NF	(1.4)	NA	75	
.2	Ventilation & Engineering Controls:	When working with large quantities that an eyewash station, sink or wa							haust ver	ntilation.	fans). Ensu
3.3	Respiratory Protection:	No special respiratory protection	is requ	ired und	ler typical	circums	tances of	f use oi	handlin	g. If	
		necessary, use only respiratory									
		§1910.134, or applicable U.S. stat E.C. member states, or Australia.	•						•		
.4	Eye Protection:	AVOID EYE CONTACT DUE TO									
		glasses with side-shield) at all tin									
		product. Always use protective ey				or leaks	. Contac	t lenses	pose a s	pecial	
3.5	Hand Protection:	hazard; soft lenses may absorb an				16			1.0		
	Hand Frotection.	AVOID SKIN CONTACT DUE TO									(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)
		skin contact will occur during use If necessary, refer to U.S. OSHA 2									(WY)
		member states.		31310.13	o, the app	Tophate 3	stanuarus	UI Calla	ua, or the	, L.O.	
3.6	Body Protection:	AVOID SKIN CONTACT DUE TO	SENSIT		OTENTIAI	Howey	ver no sp	ecial boo	dv protect	tion is	
		required under typical circumstance									
		of Canada, the E.C. member state			5		,,				
		9. PHYSICAL	8 CH	EMIC			TIES				
.1	Appearance:	White liquid									
.2	Odor:	Characteristic									
.3	Odor Threshold:	NA									
.4	pH:	NA									
.5	Melting Point/Freezing Point:	NA									
9.6	Initial Boiling Point/Boiling Range:	NA									
9.7	Flashpoint:	NA									
9.8	Upper/Lower Flammability Limits:	NA									
9.9	Vapor Pressure:	NA									
9.10	Vapor Density:	NA									
9.11	Relative Density:	NA									
9.12	Solubility:	Partial to complete									
9.13	Partition Coefficient (log Pow):	NA									
9.14	Autoignition Temperature: Decomposition Temperature:	NA									
9.15 9.16	Viscosity:	NA									
9.10	Other Information:	NA									
9.17	Other mormation.	NA									
		10. STA	BILIT	Y & R	EACTI	VITY					
0.1	Stability:	This product is stable.									
0.2	Hazardous Decomposition Products:	Oxides of carbon (CO, CO <sub>2</sub> ) and s	ulfur (SC	2). Liber	ation of ga	s my res	ult in dang	gerous pi	essure.		
0.3	Hazardous Polymerization:	Will not occur.									
0.4	Conditions to Avoid:	Open flames, sparks and high hea									
10.5	Incompatible Substances:	Store away from flammable liqu materials, combustible materials, r any tint, lightener lotion or bleach p unused material to original contain	netal cor bowder a	ntaminati fter it has	on like iror s been mix	n, copper ed with d	their allo	ys). Avc	oid contar	nination	. Do not sto

Page 4 of 6 **2K-058** 

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SDS Revision: 1.0

SDS Revision Date: 4/8/2020

11.1		11. TOXICOLOGICAL INFORMATION
	Routes of Entry:	Inhalation: YES Absorption: YES Ingestion: NO
11.2	Toxicity Data:	This product has NOT been tested on animals to obtain toxicology data. Toxicology data, found in scientific literature, available for some of the components, but is not presented in this document.
11.3	Acute Toxicity:	See Section 4.4
1.4	Chronic Toxicity:	See Section 4.5
11.5	Suspected Carcinogen:	This product contains Hydrogen Peroxide, listed as: ACGIH Group A3; IARC Group 3: Not classifiable as to it
		carcinogenicity to humans.
1.6	Reproductive Toxicity:	This product is not reported to cause 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.
	Reproductive Toxicity:	This product is not reported to cause reproductive effects in humans.
1.7	Irritancy of Product:	See Section 4.3
11.8	Biological Exposure Indices:	NE
1.9	Physician Recommendations:	Treat symptomatically.
		12. ECOLOGICAL INFORMATION
2.1	Environmental Stability:	There are no specific data available for this product.
2.2	Effects on Plants & Animals:	There are no specific data available for this product.
12.3	Effects on Aquatic Life:	The product itself has not been tested as a whole. There are no specific data available for this product.
		13. DISPOSAL CONSIDERATIONS
13.1	Waste Disposal:	Dispose of in accordance with federal, state and local regulations.
13.2	Special Considerations:	NA
nay 4.1	49 CFR (GND):	/ICAO, IMDG and the CTDGR. UN2984, HYDROGEN PEROXIDE, AQUEOUS SOLUTIONS (9%), 5.1, III
4.2	IATA (AIR):	(LTD QTY, IP VOL ≤ 5.0 L)
		UN2984, HYDROGEN PEROXIDE, AQUEOUS SOLUTIONS (9%), 5.1, III
		(LTD QTY, IP VOL ≤ 0.5 L, PI Y541)
	IMDG (OCN):	(LTD QTY, IP VOL ≤ 0.5 L, PI Y541)           UN2984, HYDROGEN PEROXIDE, AQUEOUS SOLUTIONS (9%), 5.1, III           (LTD QTY, IP VOL ≤ 5.0 L)
	TDGR (Canadian GND):	$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$
4.4	. ,	$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$
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4.4 4.5 4.6 4.7 15.1 15.2 15.3	TDGR (Canadian GND):         ADR/RID (EU):         SCT (MEXICO):         ADGR (AUS):         SARA Reporting Requirements:         SARA TPQ:	(LTD QTY, IP VOL ≤ 0.5 L, PI Y541)         UN2984, HYDROGEN PEROXIDE, AQUEOUS SOLUTIONS (9%), 5.1, III         (LTD QTY, IP VOL ≤ 5.0 L)         UN2984, HYDROGEN PEROXIDE, AQUEOUS SOLUTIONS (9%), 5.1, III         (LTD QTY, IP VOL ≤ 5.0 L)         UN2984, HYDROGEN PEROXIDE, AQUEOUS SOLUTIONS (9%), 5.1, III         (LTD QTY, IP VOL ≤ 5.0 L)         UN2984, HYDROGEN PEROXIDE, AQUEOUS SOLUTIONS (9%), 5.1, III         (LTD QTY, IP VOL ≤ 5.0 L)         UN2984, PEROXIDO DE HIDROGENO EN SOLUCION ACUOSA (9%), 5.1, III         (CANTIDAD LIMITADA, IP VOL ≤ 5.0 L)         UN2984, HYDROGEN PEROXIDE, AQUEOUS SOLUTIONS (9%), 5.1, III         (LTD QTY, IP VOL ≤ 5.0 L)         UN2984, HYDROGEN PEROXIDE, AQUEOUS SOLUTIONS (9%), 5.1, III         (LTD QTY, IP VOL ≤ 5.0 L)         UN2984, HYDROGEN PEROXIDE, AQUEOUS SOLUTIONS (9%), 5.1, III         (LTD QTY, IP VOL ≤ 5.0 L)         UN2984, HYDROGEN PEROXIDE, AQUEOUS SOLUTIONS (9%), 5.1, III         (LTD QTY, IP VOL ≤ 5.0 L)         State of the components of this product does not contain any substances subject to SARA Title III, Section 313 reporting requirements         There are no specific Threshold Planning Quantities for the components of this product.         The components of this product are listed on the TSCA Inventory.
4.3 4.4 4.5 4.6 4.7 15.1 15.2 15.3 15.4 15.5	TDGR (Canadian GND):         ADR/RID (EU):         SCT (MEXICO):         ADGR (AUS):         SARA Reporting Requirements:         SARA TPQ:         TSCA Inventory Status:	(LTD QTY, IP VOL ≤ 0.5 L, PI Y541)         UN2984, HYDROGEN PEROXIDE, AQUEOUS SOLUTIONS (9%), 5.1, III         (LTD QTY, IP VOL ≤ 5.0 L)         UN2984, HYDROGEN PEROXIDE, AQUEOUS SOLUTIONS (9%), 5.1, III         (LTD QTY, IP VOL ≤ 5.0 L)         UN2984, HYDROGEN PEROXIDE, AQUEOUS SOLUTIONS (9%), 5.1, III         (LTD QTY, IP VOL ≤ 5.0 L)         UN2984, HYDROGEN PEROXIDE, AQUEOUS SOLUTIONS (9%), 5.1, III         (LTD QTY, IP VOL ≤ 5.0 L)         UN2984, PEROXIDO DE HIDROGENO EN SOLUCION ACUOSA (9%), 5.1, III         (CANTIDAD LIMITADA, IP VOL ≤ 5.0 L)         UN2984, HYDROGEN PEROXIDE, AQUEOUS SOLUTIONS (9%), 5.1, III         (LTD QTY, IP VOL ≤ 5.0 L)         UN2984, HYDROGEN PEROXIDE, AQUEOUS SOLUTIONS (9%), 5.1, III         (LTD QTY, IP VOL ≤ 5.0 L)         UN2984, HYDROGEN PEROXIDE, AQUEOUS SOLUTIONS (9%), 5.1, III         (LTD QTY, IP VOL ≤ 5.0 L) <b>15. REGULATORY INFORMATION</b> This product does not contain any substances subject to SARA Title III, Section 313 reporting requirements         There are no specific Threshold Planning Quantities for the components of this product.

### Page 5 of 6 SAFETY DATA SHEET 2K-058 Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards SDS Revision: 1.0 SDS Revision Date: 4/8/2020 15. REGULATORY INFORMATION – cont'd State Regulatory Information: Hydrogen Peroxide is found on the following state criteria list: Florida Toxic Substances List (FL), Massachusetts Hazardous Substances List (MA), Minnesota Hazardous Substances List (MN), New Jersey Right-to-Know List (NJ), Pennsylvania Right-to-Know List (PA) and Washington Permissible Exposures List (WA). No other 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 (DÉ), 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

15.7

		other reproductive harm. For more information g	o to <u>www.P65Warnings.ca.gov</u>
15.8	Other Requirements:	This product is found on the following inventory Japan – ENCS; Korea – KECI; New Zealand –	lists: Australia - AICS, China – IECSC, Europe – ELINCS/EINEC, NZIoC; {Philippines – PICCS; USA – TSCA
		16. OTHER INFO	ORMATION
16.1	Other Information:	directed. Discontinue use immediately if irritation cool place. When using do not eat or drink. In seek medical advice. Wear suitable protective medical advice/attention. If case of accident or if possible). <b>KEEP LOCKED UP AND OUT OF REACH OF C</b>	
			ttoos, including black and temporary henna, may increase the risk of immediately seek medical attention. This product must not be used for cause blindness.
16.2	Terms & Definitions:	See last page of this Safety Data Sheet.	
16.3	Disclaimer:	government regulations must be reviewed for ap Inc.'s (2K Industries) knowledge, the informatio accuracy, suitability or completeness is not guar provided. The information contained herein rela	OSHA's Hazard Communication Standard, 29 CFR §1910.1200. Other pplicability to this product. To the best of ShipMate's & TU-K Industries, in contained herein is reliable and accurate as of this date; however, ranteed and no warranties of any type, either expressed or implied, are ates only to the specific product(s). If this product(s) is combined with be considered. Data may be changed from time to time. Be sure to
16.4	Prepared for:	<b>TU-K Industries, Inc. (2K)</b> 5702 Firestone Place South Gate, CA 90280 USA Tel: +1 (562) 927-3365 Fax: +1 (562) 928-8154 http://www.2kindustries.com	
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

Page 6 of 6 **2K-058** 

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards

SDS Revision: 1.0

SDS Revision Date: 4/8/2020

## **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:**

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:

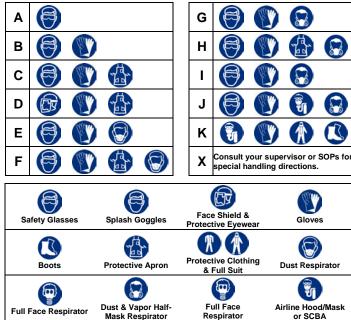
CPR	Cardiopulmonary resuscitation - method in which a person whose heart has
	stopped receives manual chest compressions and breathing to circulate blood and provide oxygen to the body.

## HAZARDOUS MATERIALS IDENTIFICATION SYSTEM: HMIS

## HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

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

### PERSONAL PROTECTION RATINGS:



#### OTHER STANDARD ABBREVIATIONS:

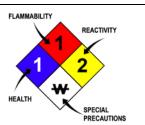
Carc	Carcinogenic
Irrit	Irritant
NA	Not Available
NR	No Results
ND	Not Determined
NE	Not Established
NF	Not Found
SCBA	Self-Contained Breathing Apparatus
Sens	Sensitization
STOT RE	Specific Target Organ Toxicity – Repeat Exposure
STOT SE	Specific Target Organ Toxicity – Single Exposure

NATIONAL FIRE PROTECTION ASSOCIATION: NFPA							
FLAMMABILI	FLAMMABILITY LIMITS IN AIR:						
Autoignition	Minimum temperature required to initiate combustion in air with r						

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	
1	Slight Hazard	
2	Moderate Hazard	
3	Severe Hazard	
4	Extreme Hazard	
ACD	Acidic	
ALK	Alkaline	
COR	Corrosive	
W	Use No Water	
ох	Oxidizer	
TREFOIL	Radioactive	



### TOXICOLOGICAL INFORMATION:

LD 50	Lethal Dose (solids & liquids) which kills 50% of the exposed animals			
LC 50	LC <sub>50</sub> Lethal concentration (gases) which kills 50% of the exposed animal			
ppm	ppm Concentration expressed in parts of material per million parts			
TD <sub>Io</sub>	D <sub>Io</sub> Lowest dose to cause a symptom			
TCLo	Lowest concentration to cause a symptom			
TD <sub>Io</sub> , LD <sub>Io</sub> , & LD <sub>o</sub> or	Lowest dose (or concentration) to cause lethal or toxic effects			
TC, TC <sub>0</sub> , LC <sub>10</sub> , & LC <sub>0</sub>				
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			
$\log K_{ow}$ or $\log K_{oc}$	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)			

## WORKPLACE HAZARDOUS MATERIALS IDENTIFICATION (WHMIS) SYSTEM:

$\bigcirc$	۲	٢		Ð	<b>(</b>		
Class A	Class B	Class C	Class D1	Class D2	Class D3	Class E	Class F
Compressed	Flammable	Oxidizing	Toxic	Irritation	Infectious	Corrosive	Reactive

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

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