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BC-025 Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards SDS Revision: 1.1 SDS Revision Date: 10/25/2018 1. PRODUCT & COMPANY IDENTIFICATION NZ DISTRIBUTOR 11 Product Name CHOKE TUBE LUBE Steve's Wholesale Ltd. Units 5 - 7 / 408 The Esplanade 1.2 Chemical Name: Mixture Island Bay Wellington 6023 1.3 Synonyms 40013, 40015 team@steveswholesale.nz **Emergency Contact: Steve Collings** 1.4 Trade Names: Choke Tube Lube 0800 303 303 Product Use: 1.5 Lubricating Grease 0274 905 708 Distributor's Name: 1.6 Birchwood Casey, LLC Poison Control 0800 POISON (0800 764 766) Distributor's Address: 3260 Winpark Drive, New Hope, MN., 55427 USA 1.7 1.8 Emergency Phone: ChemTrec +1 (800) 424-9300 / +1 (703) 527-3887 or Poison Control Center +1 (866) 291-7152 +1 (952) 388-6717 1.9 Business Phone / Fax: 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). The highly refined mineral oil contains < 3.0 w/w% DMSO extract, according to IP346. DANGER! MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS. CAUSES SKIN IRRITATION. CAUSES EYE IRRITATION. TOXIC TO AQUATIC LIFE. Classification: Asp. Tox. 1; Skin Irrit. 2; Eye Irrit. 2B; Acute Aquatic Tox. 2.2 Label Elements: Hazard Statements (H): H304 - May be fatal if swallowed and enters airways. H315 - Causes skin irritation. H320 - Causes eye irritation. H400 - Very toxic to aquatic life. Precautionary Statements (P): P264 - Wash thoroughly after handling. P273 - Avoid release to the environment. P280 - Wear protective gloves and eye protection. P302 + P352 - IF ON SKIN: Wash with plenty of soap and water. P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. P331 - Do NOT induce vomiting. P321 - Refer to section 4 of this Safety Data Sheet (First Aid). P305+P351+P338 – IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing. P332+P313 - If skin irritation occurs: Get medical advice/attention. P362+P364 - Take off contaminated clothing and wash it before reuse. P391 - Collect spillage. P405 - Store locked up. P501 -Dispose of contents/container through licensed treatment, storage or disposal facility. 2.3 Other Warnings: In the event of an exposure or medical inquiry involving this product, please contact a physician or local poison control center, who may seek advice from the U.S. manufacturer, and show them this SDS. KEEP OUT OF REACH OF CHILDREN. 3. COMPOSITION & INGREDIENT INFORMATION EXPOSURE LIMITS IN AIR (mg/m³) **ACGIH** NOHSC **OSHA** ppm ppm ppm ES-ES-STEL CHEMICAL NAME(S) CAS No. RTECS No. **EINECS No** TLV **TWA** STEL PEAK PEL STEL **IDLH** OTHER SEVERELY HYDROTREATED 64742-52-5 INA 265-155-0 30-70 (5) (10)(5) NA NA (5) NA NA OIL MIST NAPHTHENIC PETROLEUM OIL * Asp. Tox. 1; H304 MD9659600 231-955-3 NA (2.0) NF (5)* NA RESP FRAC 7782-42-5 10-25 (2.0) NF NA GRAPHITE 7440-50-8 GL5325000 231-159-6 10-20 0.2 NA NF 0.2 NF 0.1 NA 100 COPPER 1314-13-2 ZH4810000 215-222-5 1.0-10 (5) *(15) (5) *NF NF (5) *NA (500) * RESP DUST ZINC OXIDE Acute Aquatic Toxicity 1; Chronic Aquatic Toxicity 1; H400, H410 BD0330000 7429-90-5 231-072-3 1.0-10 NA NA NF NF NF NA NA NA **ALUMINUM** Water-react. 2; Flam. Sol. 1; H261, H228 * contains less than 3% DMSO 4. FIRST AID MEASURES DO NOT INDUCE VOMITING. Contact Poison Control Center +1 (866) 291-7152 or the nearest Poison 4.1 First Aid: Ingestion: Control Center or local emergency telephone number for assistance and instructions. Seek immediate medical attention. If vomiting occurs spontaneously, keep victim's head lowered (forward) to reduce the risk of aspiration. If product gets in the eyes, flush eyes thoroughly with copious amounts of water for at least 15 minutes, Eyes: holding eyelid(s) open to ensure complete flushing. If the eyes or face become swollen during or following use, consult a physician or emergency room immediately. Skin: Remove contaminated clothing and wash affected areas with soap and water. If discomfort persists and/or the skin reaction worsens, contact a physician immediately. Do not wear contaminated clothing until

after it has been properly cleaned.

respiration. Seek immediate medical attention.

Inhalation:

Remove victim to fresh air at once. Under extreme conditions, if breathing stops, perform artificial



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				4.	FIRS	ST A	ID N	NEA	SUF	RES	<u>s – c</u>	<u>co</u> nt	'd							
4.2	Effects of Exposure:	Ingestion: Eyes:	Мо		ately irri															diarrhea. ation and
		Skin:	son	ome s	ensitive	e individ			roduct	can	cause	e allerg	ic ski	n reaction	ons	(e.g., r	rashes	s, we	ts, derr	natitis) in
4.3	Symptoms of Overexposure:	Inhalation:			expected a, intest		oomf	ort voi	miting	n and	l/or dia	rrhoo								
	Symptomic of Overexpedition	Ingestion: Eyes:			posure								vateri	na						
		Skin:													ritati	on of a	affecte	ed are	as. Th	e produc
			car	an ca	use alle	rgic ski	in rea	ctions	(e.g.,	, rash	nes, we	elts, de	rmati	tis) in so	me	individ	luals.			
4.4	Acute Health Effects:	Non-irritating concentration														ffected	d area	is. A	Addition	ally, high
4.5	Chronic Health Effects:	None reporte	rted by	by the	manuf	acturer	r.													
4.6	Target Organs:	Eyes, Skin																		
4.7	Medical Conditions Aggravated by Exposure:	Pre-existing o		matiti	s, other	r skin c	conditi	ions, a	and dis	sorde	ers of	the tar	-	HEAL						2
		organs (eyes)	55).											FLAM	MAI	3ILIT)	Y			0
														PHYSI	CA	_ HAZ	ZARD	S		1
														PROT	EC1	IVE E	QUIF	РМЕ	NT	В
														EYES		SKIN				1
					5. FI	REF	<u>IGH</u>	<u>ITIN</u>	G M	<u>IEA</u>	SUE	RES								
5.1	Fire & Explosion Hazards:	This product temperatures								ed in	a fire	, this p	orodu	ct may	dec	mpos	e at h	nigh		
5.2	Extinguishing Methods:	Water, Foam	~ ~					0,00	۸)٠											
	Firefighting Procedures:	Fight fires as breathing app	as for ppara	r suri	rounding (pressu	mical. g mate re-dem	Use verials.	water s As in and fu	spray to n any ull prot	fire, tectiv	wear ve gea	MSHA/ r. Kee	/NIOS ep co	SH appr ntainers	coc	l until	well a	fter	2	0
5.3	Firefighting Procedures:	Fight fires as	as for pparatiout. It is to the continuity of th	or surretus (Use sprayicontrefighte shing	rounding (pressult water : ing wate ol or dil ers mus apparat	mical. g mate re-dem spray fer direct lution for tuse f	Use verials. nand) and to cooodity interior efform efform for the coordinate of the	water s As in and fu ol fire- to stora entering inker g	spray for any any all protection of any any all protection of any all protection of any any all protection of all protection of any all protection of any all protection of all protections are all protection of all protections are all protecti	fire, tectivesed sontain vers, including	wear ve gea surface iners b drains ding N	MSHA/ r. Kee es and pecause s, drink	/NIOS ep co I to p e of d ting v appro	SH approntainers rotect panger of value of the contract of the	coo erso f boi pply sitive	l until nal. l-over. or an press	well a Fight Prev y natu sure s	fter fire ent ural self-	2	1
	Firefighting Procedures:	Fight fires as breathing app the fire is ou upwind. Avoirunoff from fir waterway. Foontained breather products and	as for apparatiout. It is to be the contraction of	or surrentus (Use sprayi contrefighte ching cygen	rounding (pressult water : ing wate ol or dil ers mus apparat	mical. g mate re-dem spray fer direct lution for t use fer tus to prices.	Use verials. nand) is to coooling interpretation of the coordinate of the coordinat	water s As in and fu and fire- to stora enterin unker g at agai	spray in any ull protection any care considerate consi	fire, tectivesed sontain vers, include the tection of the tection	wear ve gea surface iners b drains ding N itial ha	MSHA/ r. Kee es and because s, drink IIOSH-a azardou	/NIOS ep co I to p e of d king w appro us co	SH approntainers rotect panger of anger of anger of atter sured posmobustio	coo erso f boi pply sitive	l until nal. l-over. or an press	well a Fight Prev y natu sure s	fter fire ent ural self-	2	1
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3.1	Exposure Limits:	8. EXPOSURE CONT		GIH		NOHSC			OSHA		OTHER
. ·	ppm (mg/m³)	205000000000000000000000000000000000000				ES-	ES-				
		CHEMICAL NAME(S) SEVERELY HYDROTREATED	TLV	STEL	ES-TWA	STEL	PEAK	PEL	STEL	IDLH	DE DFG
		NAPHTHENIC PETROLEUM OIL * contains less than 3% DMSO	(5)	(10)	(5)	NA	NA	(5)	NA	NA	OIL MIST
		GRAPHITE	(2.0)	NA	(2.0)	NF	NF	(5)*	NA	NA	RESP FRA
		COPPER	0.2	NA	NF	0.2	NF	0.1	NA	100	
		ZINC OXIDE	(5) *	(15)	(5) *	NF	NF	(5) *	NA	(500)	*RESP DUS
3.2	Ventilation & Engineering Controls:	When working with large quantities that an eyewash station, sink or was							naust ver	itilation, f	ans). Ensur
3.3	Respiratory Protection:	No special respiratory protection necessary, use only respiratory									
		§1910.134, or applicable U.S. state.C. member states, or Australia.									
8.4	Eye Protection:	Wear protective eyewear (e.g., sa Always use protective eyewear w soft lenses may absorb and conce	hen clea	ning spil						oduct. izard;	
8.5	Hand Protection:	If anticipated that prolonged & reprubber gloves for routine industria	eated sk al use.	in contact	sary, refe						
	5 . 5	appropriate standards of Canada,									
8.6	Body Protection:	No apron required when handling eye wash stations and deluge sho large quantities of this product, wa	wers sho	uld be av	ailable. U	pon com	pletion of	work acti			
		9. PHYSICAL		•		<u> </u>				<u> </u>	
9.1	Appearance:	Gray to silver gray colored liquid to	paste								
9.2	Odor:	Mild odor	<u></u>								
9.3	Odor Threshold:	NA									
9.4	pH:	NA									
9.5	Melting Point/Freezing Point:	NA									
9.6	Initial Boiling Point/Boiling Range:	315.5 °C (600 °F)									
9.7	Flashpoint:	NA									
9.8	Upper/Lower Flammability Limits:	NA									
9.9	Vapor Pressure:	> 0.1 mmHg (torr)									
9.10	Vapor Density:	NA									
9.11	Relative Density:	1.1									
9.12	Solubility:	Negligible									
9.13	Partition Coefficient (log Pow):	NA									
9.14	Autoignition Temperature:	NA									
9.15	Decomposition Temperature:	NA									
9.16	Viscosity:	NA									
9.17	Other Information:	NA									
		10. STA	BILIT	Y & R	EACTI	VITY					
10.1	Stability:	This product is stable.									
10.2	Hazardous Decomposition Products:	Irritating vapors and toxic gases (e	.g., carb	on mono	kide and c	arbon dic	xide) whe	n burned	or during	I	
10.3	Hazardous Polymerization:	Will not occur.									
10.4	Conditions to Avoid:	Use or storage near incompatible	substanc	es.			<u> </u>				
10.5	Incompatible Substances:	Strong oxidizing agents, strong ac	ids and b	oases.							
		11. TOXICO	LOGI	CAL I			NC	,			
11.1	Routes of Entry:	Inhalation: YES			Absorption:	. = -			Ingesti		
11.2	Toxicity Data:	This product has NOT been tested available for some of the compone Zinc Oxide: LD ₅₀ (oral, mouse) = 7	ents of th	e produc						scientifi	c literature, i
11.3	Acute Toxicity:	Moderate irritation to eyes and ski			eas						
11.4	Chronic Toxicity:	This material may aggravate any p				a derm	atitis)				
				IN SINIII U	a.uoii (C		WILLIA I.				



45.4 OADA D-----

SAFETY DATA SHEET

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BC-025 Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards SDS Revision: 1.1 SDS Revision Date: 10/25/2018 11. TOXICOLOGICAL INFORMATION - cont'd This product is not reported to cause reproductive toxicity in humans. 11.6 Reproductive Toxicity: Mutagenicity This product is not reported to produce mutagenic effects in humans This product is not reported to produce embryotoxic effects in humans Embryotoxicity: 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 11.7 Irritancy of Product: The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) upon prolonged or repeated exposure. Biological Exposure Indices: NE Physician Recommendations: Treat symptomatically. 12. ECOLOGICAL INFORMATION 12.1 Environmental Stability: There are no specific data available for this product. Effects on Plants & Animals: 12 2 There are no specific data available for this product. 12.3 Effects on Aquatic Life Material is slightly toxic to aquatic organisms on an acute basis (LC50/EC50 between 10 and 100 mg/L in the most sensitive species tested). May increase pH of aquatic systems to >pH 10 which may be toxic to aquatic organisms. Zinc Oxide: LC₅₀ (Oncorhynchus mykiss, 96h) – 0.14 mg/L 13. DISPOSAL CONSIDERATIONS Waste Disposal: Review current local, state and federal laws, codes, statutes and regulations to determine current status and appropriate disposal method for the ingredients listed in Section 2. Any disposal practice must be in compliance with local, state, and federal laws and regulations. Contact the appropriate agency for specific information. Treatment, transport, storage and disposal of hazardous waste must be provided by a licensed facility or waste hauler. Special Considerations: 13 2 14. TRANSPORTATION INFORMATION The basic description (ID Number, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additional descriptive information may be required by 49 CFR, IATA/ICAO, IMDG and the CTDGR. 14.1 49 CFR (GND): **NOT REGULATED** 14.2 IATA (AIR): **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** HSR002605

15. REGULATORY INFORMATION

15.1	SARA Reporting Requirements:	This product contains the following chemicals subject to the reporting requirements of section 313 of the Emergency			
15.2	SARA TPQ:	There are no specific Threshold Planning Quantities for the components of this product.			
15.3	TSCA Inventory Status:	The components of this product are listed on the TSCA Inventory.			
15.4	CERCLA Reportable Quantity:	Copper: 5,000 lbs (2,270 kg);			
15.5	Other Federal Requirements:	NA NA			
15.6	Other Canadian Regulations:	This product has been classified according to the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDSL. The following chemicals are listed on the Ingredient Disclosure List: Copper.			
15.7	State Regulatory Information:	Graphite is found on the following state criteria lists: FL, MA, MN, PA, and WA. Copper is found on the following state criteria lists: FL, MA, MI, MN, NJ, PA, and WA. Zinc Oxide is found on the following state criteria lists: FL, MA, MN, NJ, PA, 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 (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).			
15.8	Other Requirements:	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 .			



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		16. OTHER INFORMATION SW re	evised 30.12.2020				
16.1	Other Information:	DANGER! MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS. CAUSES SKIN IRRITATION. IRRITATION. TOXIC TO AQUATIC LIFE. Use only as directed. Wash thoroughly after handling. Avoid environment. Wear protective gloves and eye protection. IF ON SKIN: Wash with plenty of soap SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting. Ref of this Safety Data Sheet (First Aid). IF IN EYES: Rinse continuously with water for several minutes. Re lenses if present and easy to do – continue rinsing. If skin irritation occurs: Get medical advice/atter contaminated clothing and wash it before reuse. Collect spillage. Store locked up. KEEP LOCKED UP AND OUT OF REACH OF CHILDREN.					
16.2	Terms & Definitions:	See last page of this Safety Data Sheet.					
16.3	Disclaimer:	This Safety Data Sheet is offered pursuant to OSHA's Hazard Communical government regulations must be reviewed for applicability to this product. To LLC knowledge, the information contained herein is reliable and accurate as or completeness is not guaranteed and no warranties of any type, either information contained herein relates only to the specific product(s). If this procomponent properties must be considered. Data may be changed from the edition.	the best of ShipMate's & Birchwood Casey, sof this date; however, accuracy, suitability expressed or implied, are provided. The bduct(s) is combined with other materials, all				
16.4	Prepared for:	Birchwood Casey,LLC 3260 Winpark Drive New Hope, MN 55427 USA Tel: +1 (952) 388-6717 Email: customerservice@birchwoodcasey.com http://www.birchwoodCasey.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	te°				



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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:

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	H 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

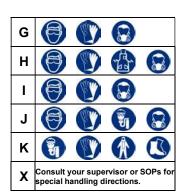
HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

0	Minimal Hazard
1	Slight Hazard
2	Moderate Hazard
3	Severe Hazard
4	Extreme Hazard



PERSONAL PROTECTION RATINGS:

Α			
В			
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F		4	





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 no other source			
Temperature	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	/ \ \ \ \ \
₩	Use No Water	HEALTH
ОХ	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}	TD _{lo} Lowest dose to cause a symptom			
TCLo	Lowest concentration to cause a symptom			
TD _{Io} , LD _{Io} , & LD _o or	lo, & LDo or Lowest dose (or concentration) to cause lethal or toxic effects			
TC, TCo, LCio, & LCo				
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			
IARC NTP RTECS BCF TL _m	National Toxicology Program Registry of Toxic Effects of Chemical Substances Bioconcentration Factor Median threshold limit			

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	SL Canadian Priority Substances List			
TSCA	TSCA U.S. Toxic Substance Control Act			
EU	EU European Union (European Union Directive 67/548/EEC)			
WGK	Wassergefährdungsklassen (German Water Hazard Class)			

WORKPLACE HAZARDOUS MATERIALS IDENTIFICATION (WHMIS) SYSTEM:

0	(4)	((2)	\odot	®		
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:

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