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SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	FONDUE GEL
Product number	:	20200
Manufacturer or supplier's de	eta	ails
Company	:	Lembex Import inc.
Address		258, rue Commerciale St-Henri (Qc) GOR 3E0 418-895-6333 1-866-895-6333

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification Flammable liquids	: Category 2
Acute toxicity (Oral)	: Category 3
Acute toxicity (Inhalation)	: Category 3
Acute toxicity (Dermal)	: Category 3
Specific target organ tox- icity - single exposure	: Category 1 (Eyes, Central nervous system)
GHS Label element	
Hazard pictograms	
Signal word	: Danger
Hazard statements	: H225 Highly flammable liquid and vapour.



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	H301 + H311 + H331 Toxic if swallowed, in contact with skin or if inhaled H370 Causes damage to organs (Eyes, Central nervous system).
Precautionary statements	 Prevention: P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233 Keep container tightly closed. P240 Ground/bond container and receiving equipment. P241 Use explosion-proof electrical/ ventilating/lighting/ equipment. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge. P260 Do not breathe dust/ fume/ gas/ mist/ vapours/spray. P264 Wash skin thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves/ eye protection/ face protection. Response: P301 + P310 + P330 IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician. Rinse mouth. P303 + P361 + P353 IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower. P304 + P340 + P311 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/ physician. P307 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction. B370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction. P403 + P235 Store in a well-ventilated place. Keep cool. P403 + P235 Store in a well-ventilated place. Keep cool. P403 + P235 Store in a well-ventilated place. Keep cool. P405 Store locked up. P501 Dispose of contents/ container to an approved waste disposal plant.
Potential Health Effects	

Carcinogenicity:

IARC

No component of this product present at levels greater



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	than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
OSHA	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
ΝΤΡ	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Emergency Overview

Appearance	liquid
Colour	colourless, clear
Odour	mild, alcohol-like
Hazard Summary	No information available.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Pure substance

Hazardous components

CAS-No. Chemical Name		Concentration (%)	
67-56-1	Methanol	90 - 100	

Molecular formula : C-H4-O

Synonyms : Methyl alcohol,

SECTION 4. FIRST AID MEASURES

General advice	 Move out of dangerous area. Consult a physician. Show this safety data sheet to the doctor in attendance. Do not leave the victim unattended.
If inhaled	: If unconscious place in recovery position and seek



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	medical advice. If symptoms persist, call a physician. Oxygen or artificial respiration if needed.
In case of skin contact	: If on skin, rinse well with water. If on clothes, remove clothes. If skin irritation persists, call a physician.
In case of eye contact	 Immediately flush eyes for at least 15 minutes. Get medical attention. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.
If swallowed	 Keep respiratory tract clear. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Take victim immediately to hospital.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media	: Alcohol-resistant foam Water spray Dry chemical Carbon dioxide (CO2)
Unsuitable extinguishing media	: High volume water jet
Specific hazards during firefighting	: Do not allow run-off from fire fighting to enter drains or water courses.
Hazardous combustion products	: Carbon oxides toxic fumes
Specific extinguishing methods	: Use a water spray to cool fully closed containers.
Further information	 Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. For safety reasons in case of fire, cans should be stored separately in closed containments.



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Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.

NFPA Flammable and Combustible Liquids Classification:

Flammable Liquid Class IB

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	:	Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.
Environmental precau- tions	:	Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.
Methods and materials for containment and cleaning up	:	Contain spillage, and then collect with non- combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in con- tainer for disposal according to local / national regula- tions (see section 13).

SECTION 7. HANDLING AND STORAGE

Advice on safe handling	Avoid formation of aerosol. Do not breathe vapours/dust. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Take precautionary measures against static discharg- es. Provide sufficient air exchange and/or exhaust in work rooms. Container may be opened only under exhaust ventila- tion hood. Open drum carefully as content may be under pres- sure. Dispose of rinse water in accordance with local and national regulations.
Conditions for safe stor- age	No smoking. Keep container tightly closed in a dry and well- ventilated place.



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Containers which are opened must be carefully resealed and kept upright to prevent leakage. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS-No.	Components	Value type (Form of exposure)	Control parame- ters / Permissi- ble concentra- tion	Basis
67-56-1	Methanol	TWA	200 ppm	ACGIH
		STEL	250 ppm	ACGIH
		TWA	200 ppm 260 mg/m3	NIOSH REL
		ST	250 ppm 325 mg/m3	NIOSH REL
		TWA	200 ppm 260 mg/m3	OSHA Z-1
		STEL	250 ppm 325 mg/m3	OSHA P0
		TWA	200 ppm 260 mg/m3	OSHA P0

Components with workplace control parameters

Biological occupational exposure limits

Components	CAS-No.	Control	Biological		Permissi-	Basis
		parame-	specimen	pling	ble con-	
		ters		time	centration	
Methanol	67-56-1	Methanol	Urine	End of	15 mg/l	ACGIH
				shift		BEI
				(As		
				soon as		
				possible		
				after		
				expo-		
				sure		
				ceases)		

Personal protective equipment

Respiratory protection	: No personal respiratory protective equipment normally required.
	In the case of vapour formation use a respirator with an approved filter.

Hand protection



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Remarks	: The suitability for a specific workplace should be dis- cussed with the producers of the protective gloves.
Eye protection	: Eye wash bottle with pure water Tightly fitting safety goggles
Skin and body protection	: impervious clothing Choose body protection according to the amount and concentration of the dangerous substance at the work place.
Hygiene measures	: Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: liquid
Colour	: colourless, clear
Odour	: mild, alcohol-like
Odour Threshold	: 4.2 - 8940 ppm
рН	: No data available
Freezing Point (Melting point/freezing point)	: -97.8 °C (-144.0 °F)
Boiling Point (Boiling point/boiling range)	: 64 °C (147 °F)
Flash point	: 11 °C (52 °F)
Evaporation rate	: 5.9
Evaporation rate Flammability (solid, gas)	n-Butyl Acetate
·	n-Butyl Acetate
Flammability (solid, gas)	n-Butyl Acetate : No data available
Flammability (solid, gas) Burning rate Upper explosion limit	 n-Butyl Acetate No data available No data available 36.5 %(V)
Flammability (solid, gas) Burning rate	n-Butyl Acetate : No data available : No data available
Flammability (solid, gas) Burning rate Upper explosion limit	 n-Butyl Acetate No data available No data available 36.5 %(V)



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Relative vapour density	: 1.01 @ 15 - 20 °C (59 - 68 °F) AIR=1
Relative density	: 0.791 - 0.793Reference substance: (water = 1)
Density	: No data available
Bulk density	: No data available
Solubility(ies) Water solubility	: completely soluble
Solubility in other sol- vents	: soluble Solvent: Benzene
	soluble Solvent: Alcohol
	soluble Solvent: Chloroform
	soluble Solvent: Acetone
	soluble Solvent: Ether
Partition coefficient: n- octanol/water	: log Pow: -0.820.66
Auto-ignition temperature	: No data available
Thermal decomposition	: No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity	: No dangerous reaction known under conditions of normal use.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: No hazards to be specially mentioned.
Conditions to avoid	: Heat, flames and sparks.



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Incompatible materials	: Strong bases strong mineral acids strong organic acids strong oxidizing agents halogenated hydrocarbons Aluminium Lead Copper alloys Zinc magnesium
Hazardous decomposition products	: carbon dioxide and carbon monoxide Formaldehyde formic acid toxic fumes

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Components:

67	E6	- 1 -	

0/-30-1:	
Acute oral toxicity	: LD50 (rat): 100 mg/kg Assessment: The component/mixture is toxic after single ingestion.
Acute inhalation toxicity	: LC50 (rat): 5 mg/l Assessment: The component/mixture is toxic after short term inhalation.
Acute dermal toxicity	: LD50 (rabbit): 300 mg/kg Assessment: The component/mixture is toxic after single contact with skin.

Skin corrosion/irritation

Components:

67-56-1: Species: rabbit Result: No skin irritation

Serious eye damage/eye irritation

Components:

67-56-1: Species: rabbit



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Result: No eye irritation

Respiratory or skin sensitisation

Components:

67-56-1: Test Type: Maximisation Test (GPMT) Species: guinea pig Method: OECD Test Guideline 406 Result: Did not cause sensitisation on laboratory animals.

Germ cell mutagenicity

Components: 67-56-1: Genotoxicity in vitro : Test Type: DNA damage and/or repair Metabolic activation: with and without metabolic activation vation Result: Ambiguous

Genotoxicity in vivo	 Test Type: In vivo micronucleus test Test species: mouse (male and female) Cell type: Bone marrow Application Route: Intraperitoneal Exposure time: Single Dose: 0, 1920, 3200, 4480 mg/kg Result: negative
Germ cell mutagenicity-	: Tests on bacterial or mammalian cell cultures did not

show mutagenic effects.

Carcinogenicity

Components:

67-56-1:

Assessment

Carcinogenicity - As-	: Not classifiable as a human carcinogen.
sessment	

Reproductive toxicity

Components:

67-56-1: Effects on fertility : Test Type: Two-generation study Species: rat, male and female Application Route: Inhalation Dose: 0, 0.013, 0.13, 1.3 mg/L Duration of Single Treatment: 20 h General Toxicity - Parent: NOAEC: 1.3 mg/l General Toxicity F1: NOAEC: 0.13 mg/l



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Fertility: NOAEC: 1.3 mg/l Symptoms: Effects on postnatal development. Result: Animal testing did not show any effects on fertility.

Reproductive toxicity -
Assessment: Fertility classification not possible from current data.Embryotoxicity classification not possible from current
data.

STOT - single exposure

Product: No data available

Components: 67-56-1

Exposure routes:	Target Organs:	Assessment:	Remarks:
	Eyes, Central nerv- ous system	Causes damage to organs., The sub- stance or mixture is classified as specific target organ toxi- cant, single expo- sure, category 1.	

STOT - repeated exposure

Product: No data available

Components:

67-56-1:No data available

Repeated dose toxicity

Components:

67-56-1:

Species: mouse, male and female NOAEL: 1.3 mg/l Application Route: Inhalation Exposure time: 12 mths Number of exposures: Continuous Dose: 0, 0.013, 0.13, 1.3 mg/L

Aspiration toxicity

Product:

No aspiration toxicity classification

Further information

Product:



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Remarks: Solvents may degrease the skin.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Leotoxicity	
Components: 67-56-1: Toxicity to fish	: LC50 (Lepomis macrochirus (Bluegill sunfish)): 15,400 mg/l Exposure time: 96 h Test Type: flow-through test
Toxicity to daphnia and other aquatic inverte-brates	: EC50 (Daphnia magna (Water flea)): > 10,000 mg/l Exposure time: 48 h Test Type: static test
Toxicity to algae	: EC50 (Scenedesmus capricornutum (fresh water al- gae)): 22,000 mg/l End point: Growth rate Exposure time: 96 h Test Type: static test Method: OECD Test Guideline 201
Toxicity to bacteria	 IC50 (activated sludge): > 1,000 mg/l End point: Growth rate Exposure time: 3 h Test Type: Static Method: OECD Test Guideline 209

Persistence and degradability

<u>Components:</u> 67-56-1:	
Biodegradability	: aerobic Result: Readily biodegradable. Biodegradation: 72 % Remarks: Readily biodegradable
Biochemical Oxygen De- mand (BOD)	: 600 - 1,120 mg/g
Chemical Oxygen De- mand (COD)	: 1,420 mg/g
BOD/COD	: BOD: 600 - 1120COD: 1420



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Stability in water	: Hydrolysis: 91 % at19 °C(72 h) Remarks: Hydrolyses on contact with water. Hydrolyses readily.
Bioaccumulative potentia	I
Components: 67-56-1: Bioaccumulation	: Species: Cyprinus carpio (Carp) Bioconcentration factor (BCF): 1.0 Exposure time: 72 d Temperature: 20 °C Concentration: 5 mg/l Remarks: This substance is not considered to be very persistent nor very bioaccumulating (vPvB).
Partition coefficient: n- octanol/water	: log Pow: -0.77
Mobility in soil No data available	
Other adverse effects No data available	
<u>Product:</u>	
Regulation Remarks	40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Sub- stances This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).
Additional ecological in- formation	: No data available

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal ı	nethods
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Waste from residues	: Dispose of in accordance with all applicable local,
	state and federal regulations.



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Contaminated packaging	: Empty remaining contents.
	Dispose of as unused product.
	Do not re-use empty containers.
	Do not burn, or use a cutting torch on, the empty
	drum.

SECTION 14. TRANSPORT INFORMATION

IATA (International Air Transport Association): UN1230, METHANOL, 3 (6.1), II, Flash Point:11 °C(52 °F)

IMDG (International Maritime Dangerous Goods): UN1230, METHANOL, 3, (6.1), II

DOT (Department of Transportation): UN1230, Methanol, 3, II

SECTION 15. REGULATORY INFORMATION

OSHA Hazards	: Flammable liquid, Toxic by ingestion, Toxic by skin absorption
WHMIS Classification	: B2: Flammable liquid D1B: Toxic Material Causing Immediate and Serious Toxic Effects

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Methanol	67-56-1	5000	5000

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards	: Fire Hazard Acute Health Hazard
SARA 302	: SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA 313	: The following components are subject to reporting levels established by SARA Title III, Section 313:



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67-56-1 Methanol

100 %

Clean Air Act

The following chemical(s) are listed as HAP under the U.S. Clean Air Act, Section 12 (40 CFR 61):

67-56-1Methanol100 %This product does not contain any chemicals listed under the U.S. Clean Air Act
Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).
The following chemical(s) are listed under the U.S. Clean Air Act Section 111 SOCMI
Intermediate or Final VOC's (40 CFR 60.489):
67-56-1100 %

Clean Water Act

This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A.

This product does not contain any Hazardous Chemicals listed under the U.S. Clean-Water Act, Section 311, Table 117.3.

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

US State Regulations

Massachusetts Right To Kn	ow	
67-56-1	Methanol	90 - 100 %
Pennsylvania Right To Kno	w	
67-56-1	Methanol	90 - 100 %
New Jersey Right To Know	,	
67-56-1	Methanol	90 - 100 %
California Prop 65 67-56-1	WARNING: This product contains a chem the State of California to cause birth defe reproductive harm. Methanol	
07-30-1	Methanol	

The components of this product are reported in the following inventories:

Switzerland. New notified substances and declared preparations	:	y (positive listing) (The formulation contains substances listed on the Swiss Inventory)
United States TSCA Inventory	:	y (positive listing) (On TSCA Invento- ry)
Canadian Domestic Substances List (DSL)	:	y (positive listing) (All components of this product are on



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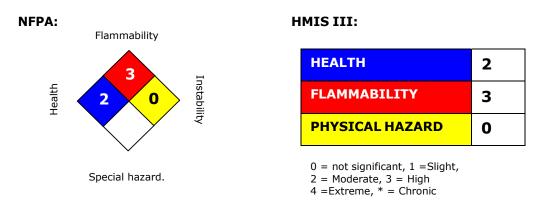
		the Canadian DSL.)
Australia Inventory of Chemical Substances (AICS)	:	y (positive listing) (On the inventory, or in compliance with the inventory)
New Zealand. Inventory of Chemical Substances	:	y (positive listing) (On the inventory, or in compliance with the inventory)
Japan. ENCS - Existing and New Chemical Substances Inventory	:	y (positive listing) (On the inventory, or in compliance with the inventory)
Japan. ISHL - Inventory of Chemical Substances (METI)	:	y (positive listing) (On the inventory, or in compliance with the inventory)
Korea. Korean Existing Chemicals Inventory (KECI)	:	y (positive listing) (On the inventory, or in compliance with the inventory)
Philippines Inventory of Chemicals and Chemical Substances (PICCS)	:	y (positive listing) (On the inventory, or in compliance with the inventory)
China. Inventory of Existing Chemical Substances in China (IECSC)	:	y (positive listing) (On the inventory, or in compliance with the inventory)



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SECTION 16. OTHER INFORMATION

Further information



The information accumulated is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which we may be unfamiliar and since data made become available subsequently to the date hereof, we do not assume any responsibility for the results of its use. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances. This MSDS has been prepared by Lembex Import (1-866-895-6333)

Legecy MSDS:

R0001447, 140000001042

Material number:

16076584, 20298, 160329, 20303, 16056428, 16061181, 16056425, 16056426, 16056427, 16055184, 16053934, 16049742, 16048212, 16047323, 16039562, 16034861, 16032613, 16031073, 16024445, 16024444, 16021152, 16018469, 16016316, 779915, 743459, 736115, 730007, 730006, 717897, 716726, 713298, 710534, 699273, 695309, 695256, 694361, 689940, 690224, 682513, 638917, 627702, 625491, 602665, 600798, 554053, 554376, 554361, 554308, 554052, 554159, 546854, 546132, 508417, 122681, 136311, 117978, 132227, 131334, 146769, 161018, 118306, 116867, 117981, 145658, 161021, 144602, 130207, 130736, 131538, 159527, 115232, 82339, 160328, 82470, 115098, 159524, 115229, 143136, 508297, 504381, 504224, 501342, 39841, 22244, 22243, 20305, 20304, 20302, 20301, 20300, 20299, 20297, 500031

Key or legend to abbreviations and acronyms used in the safety data sheet				
ACGIH	American Conference of Gov-	LD50	Lethal Dose 50%	
	ernment Industrial Hygienists			
AICS	Australia, Inventory of Chem-	LOAEL	Lowest Observed Adverse Effect	



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	ical Substances		Level
DSL	Canada, Domestic Substanc- es List	NFPA	National Fire Protection Agency
NDSL	Canada, Non-Domestic Sub- stances List	NIOSH	National Institute for Occupational Safety & Health
CNS	Central Nervous System	NTP	National Toxicology Program
CAS	Chemical Abstract Service	NZloC	New Zealand Inventory of Chemicals
EC50	Effective Concentration	NOAEL	No Observable Adverse Effect Level
EC50	Effective Concentration 50%	NOEC	No Observed Effect Concentration
EGEST	EOSCA Generic Exposure Scenario Tool	OSHA	Occupational Safety & Health Admin- istration
EOSCA	European Oilfield Specialty Chemicals Association	PEL	Permissible Exposure Limit
EINECS	European Inventory of Exist- ing Chemical Substances	PICCS	Philipines Inventory of Commercial Chemical Substances
MAK	Germany Maximum Concen- tration Values	PRNT	Presumed Not Toxic
GHS	Globally Harmonized System	RCRA	Resource Conservation Recovery Act
>=	Greater Than or Equal To	STEL	Short-term Exposure Limit
IC50	Inhibition Concentration 50%	SARA	Superfund Amendments and Reau- thorization Act.
IARC	International Agency for Re- search on Cancer	TLV	Threshold Limit Value
IECSC	Inventory of Existing Chemi- cal Substances in China	TWA	Time Weighted Average
ENCS	Japan, Inventory of Existing and New Chemical Substanc- es	TSCA	Toxic Substance Control Act
KECI	Korea, Existing Chemical In- ventory	UVCB	Unknown or Variable Compositon, Complex Reaction Products, and Biological Materials
<=	Less Than or Equal To	WHMIS	Workplace Hazardous Materials In- formation System
LC50		Lethal Concentration 50%	