Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Date of issue: 06/15/2015 Version: 1.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking 1.1. Product identifier Product form : Mixture Product name. : G&G 50/50 Antifreeze 94012 Product Code: 1.2.1. Relevant identified uses of the substance or mixture and uses advised against Use of the substance/mixture : Coolant. Antifreeze. Uses advised against 1.2.2. Please see Section 16: Other information. Details of the supplier of the safety data sheet 1.3. G&G Oil Co. 220 E. Centennial Ave.. Muncie, IN 47303- USA T 1-800-382-8533 - F 1-765-287-2058 www.ggoil.com 1.4. **Emergency telephone number** Emergency number : 1-800-424-9300 CHEMTREC (24 HOURS) Classification of the substance or mixture 2.1. **GHS-US** classification Acute Tox. 4 (Oral) H302 Skin Sens. 1 H317 STOT RE 2 H373

2.2. Label elements

GHS-US labelling

Hazard pictograms (GHS-US)



: H302 - Harmful if swallowed

Signal word (GHS-US) Hazard statements (GHS-US)

Precautionary statements (GHS-US)

- H317 May cause an allergic skin reaction
- H373 May cause damage to organs through prolonged or repeated exposure
- : P260 Do not breathe fume/mist/vapours/spray
 - P264 Wash hands thoroughly after handling
- P270 Do not eat, drink or smoke when using this product
- P272 Contaminated work clothing should not be allowed out of the workplace
- P280 Wear protective gloves/protective clothing/eye protection/face protection
- P301+P312 If swallowed, call a doctor if you feel unwell
- P302+P352 IF ON SKIN: Wash with plenty of soap and water
- P314 Get medical advice and attention if you feel unwell
- P321 Specific treatment (see Section 4 on this label)
- P330 If swallowed, rinse mouth
- P333+P313 If skin irritation or rash occurs: Get medical advice/attention
- P362+P364 Take off contaminated clothing and wash it before reuse
- P501 Dispose of contents/container in accordance with local and national regulations

: Warning

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS-US)

No data available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixture

Only components with health hazards above the applicable thresholds are shown. Exact composition is withheld as trade secret.

Full text of H-phrases: see section 16

Name	Product identifier	%	GHS-US classification
Ethylene glycol	(CAS No) 107-21-1	30 – 90	Acute Tox. 4 (Oral), H302 STOT RE 2, H373
Diethylene glycol	(CAS No) 111-46-6	0 – 10	Acute Tox. 4 (Oral), H302 STOT RE 2, H373
disodium tetraborate, anhydrous	(CAS No) 1330-43-4	0.01 – 1	Repr. 1B, H360
sodium mercaptobenzothiazole	(CAS No) 2492-26-4	0.01 – 1	Skin Corr. 1B, H314 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

SECTION 4: First aid	d measures				
4.1. Description of f	irst aid measures				
First-aid measures general	I :	Never give anything by mouth to an unconscious person. IF exposed or concerned: Get medical advice/attention.			
First-aid measures after inl	halation	If inhaled and if breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If you feel unwell, seek medical advice.			
First-aid measures after sk	in contact :	Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.			
First-aid measures after ey	e contact	Irrigate copiously with clean, fresh water for at least 15 minutes, holding the eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if pain, blinking or redness persist.			
First-aid measures after ing	gestion	Rinse mouth. Do NOT induce vomiting unless directed to do so by medical personnel. Drink plenty of water. Immediately call a POISON CENTER or doctor/physician.			
4.2. Most important	symptoms and effects	, both acute and delayed			
Symptoms/injuries	:	May cause respiratory irritation.			
Symptoms/injuries after inh	nalation	Inhalation may cause: irritation, coughing, shortness of breath.			
Symptoms/injuries after skin contact		May cause an allergic skin reaction. Repeated or prolonged contact may cause skin irritation.			
Symptoms/injuries after eye contact		May cause slight irritation. Symptoms may include pain, blinking, tears and redness.			
Symptoms/injuries after ingestion : Harmful if swallowed. Swallowing a small quantity of this material will result in serious he hazard.		Harmful if swallowed. Swallowing a small quantity of this material will result in serious health hazard.			
Chronic symptoms	:	Causes damage to organs.			
4.3. Indication of an	y immediate medical a	ttention and special treatment needed			
All treatments should be ba	ased on observed signs a	and symptoms of distress in the patient.			
SECTION 5: Firefigh	ting measures				
5.1. Extinguishing n					
Suitable extinguishing med		Large fires: Water fog, water spray. Small fires: Carbon dioxide, dry powder, sand.			
Unsuitable extinguishing m		Do not use a heavy water stream.			
0 0	s arising from the subs				
Fire hazard	•	No specific fire or explosion hazard.			
Explosion hazard		Product is not explosive.			
Reactivity		No dangerous reactions known.			
5.3. Advice for firefi	ahters				

5.3. Advice for firefighters

Firefighting instructions

: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire.

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection. Wear fire/flame resistant/retardant clothing. Wear a self contained breathing apparatus. SECTION 6: Accidental release measures 6.1. Personal precautions, protective equipment and emergency procedures General measures : Avoid all eyes and skin contact and do not breathe vapour and mist. Danger of slipping on leaked or spilled product. For non-emergency personnel 6.1.1. Protective equipment Wear suitable protective clothing and gloves. neoprene. natural rubber gloves. Chemical goggles or safety glasses. Evacuate unnecessary personnel. Emergency procedures 6.1.2. For emergency responders Protective equipment : Wear suitable protective clothing and gloves. Neoprene or nitrile rubber gloves. Chemical goggles or safety glasses. Emergency procedures Ventilate area. 6.2. **Environmental precautions** Do not allow large quantities, as are, to spread into the environment. Do not discharge into drains or rivers. 6.3. Methods and material for containment and cleaning up For containment : Absorb and/or contain spill with inert material, then place in suitable container. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Do not allow minor leaks or spills to accumulate on walking surfaces. Methods for cleaning up : Take up in non-combustible absorbent material and shove into container for disposal. Reference to other sections 6.4. Section 13: disposal information. Section 7: safe handling. Section 8: personal protective equipment. SECTION 7: Handling and storage 7.1. Precautions for safe handling Precautions for safe handling : Avoid breathing fume/mist/vapours/spray. Avoid contact with skin and eyes. Do not eat, drink or smoke when using this product. Handle in a well-ventilated area. Keep away from sources of ignition - No smoking. Provide good ventilation in process area to prevent formation of vapour. Do not eat, drink or smoke when using this product. Wash hands and other exposed areas with Hygiene measures mild soap and water before eating, drinking or smoking and when leaving work. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. 7.2. Conditions for safe storage, including any incompatibilities : Keep only in the original container in a cool well ventilated place. Keep container closed when Storage conditions not in use. Keep away from open flames, hot surfaces and sources of ignition. Do not store near food, foodstuffs, drugs, or potable water supplies. Incompatible products Strong oxidizing agents. Strong acids. Strong bases. Sources of ignition. Incompatible materials 7.3. Specific end use(s) Coolant. Antifreeze.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Ethylene glycol (107-21-1)				
USA ACGIH	ACGIH Ceiling (mg/m ³)	100 mg/m³		
USA ACGIH	ACGIH Ceiling (ppm)	39.4 ppm		
USA ACGIH	Remark (ACGIH)	URT & eye irr		

disodium tetraborate, anhydrous (1330-43-4)					
USA ACGIH	ACGIH TWA (mg/m³)	2 mg/m³			
USA ACGIH	ACGIH STEL (mg/m³)	6 mg/m³			
USA ACGIH	Remark (ACGIH)	Varies URT irr			
USA OSHA	OSHA PEL (TWA) (mg/m3)	10 mg/m ³ 8 hours			

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Diethylene glycol (111-46-6)

None established.

Sodium mercaptobenzothiazole (2492-26-4)

None established.

8.2. Exposure controls	
Appropriate engineering controls	: Avoid creating mist or spray. Avoid splashing. Provide local exhaust ventilation of closed transfer systems to minimize exposures.
Hand protection	: Wear suitable gloves resistant to chemical penetration. neoprene/natural rubber.
Eye protection	: In case of splashing or aerosol production: protective goggles. Chemical goggles or face shield.
Skin and body protection	: Wear suitable protective clothing. Impervious clothing. Use safety shoes resistant to chemical products.
Respiratory protection	: In case of insufficient ventilation, wear suitable respiratory equipment. Use an approved respirator equipped with oil/mist cartridges.
Consumer exposure controls	: Avoid contact during pregnancy/while nursing.
Other information	: Do not eat, drink or smoke when using this product.

9.1. Information on basic physical and chemical properties

Physical state	: Liquid	
Colour	: Industry standard for this product is Green. Additional colors may be provided upon customer reque	est.
Odour	: Characteristic.	
Odour threshold	: No data available	
рН	: 10.5	
Relative evaporation rate (butylacetate=1)	: No data available	
Melting/freezing point	: -52 – -13 °C depending on grade	
Boiling point	: 104 – 197+ °C depending on grade	
Flash point	: > 116 °C Concentrate Not established - 50/50, 30/70, 40/60	
Self ignition temperature	: 427 °C	
Decomposition temperature	: No data available	
Flammability (solid, gas)	: No data available	
Vapour pressure	: < 0.1 mm Hg (@ 20°C)	
Relative vapour density at 20 °C	: > 1 Concentrate	
Specific Gravity (@ 20°C)	: 1.047 – 1.118 depending on grade	
Solubility	: Materials are highly soluble in water.	
Log Pow	: No data available	
Viscosity	: No data available	
Explosive limits	: LEL - 3.2 vol % UEL - Not determined	

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reactions known.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

Exposure to extremely high temperatures.

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

10.5. Incompatible materials

Strong oxidizing agents. Strong bases. Strong acids.

10.6. Hazardous decomposition products

Carbon dioxide. Carbon monoxide. Nitrogen oxides. Aldehydes. Alcohols. Ethers. Ammonia.

1.1. Information on toxicological effects	
cute toxicity	Harmful if swallowed.
DefendAL Universal Antifreeze	
ATE (oral)	500.000 mg/kg bodyweight
sodium mercaptobenzothiazole (2492-26-4)	
LD50 oral rat	2100 mg/kg male
LD50 dermal rabbit	> 7940 mg/kg New Zealand White Rabbit
ATE (oral)	2100.000 mg/kg bodyweight
Ethylene glycol (107-21-1)	
LD50 oral rat	7712 mg/kg
LD50 dermal rat	> 3500 mg/kg mouse
LC50 inhalation rat (mg/l)	> 2.5 mg/l/4h
ATE (oral)	500.000 mg/kg bodyweight
Diethylene glycol (111-46-6)	
LD50 oral rat	19600 mg/kg
LD50 dermal rat	13300 mg/kg
LC50 inhalation rat (mg/l)	> 4.6 mg/l/4h
ATE (oral)	500.000 mg/kg bodyweight
ATE (dermal)	13300.000 mg/kg bodyweight
disodium tetraborate, anhydrous (1330-43-4)	
LD50 oral rat	3450 mg/kg male
LD50 dermal rabbit	> 2000 mg/kg no deaths occurred
LC50 inhalation rat (mg/l)	> 2.03 mg/l 5h - no deaths occurred
ATE (oral)	3450.000 mg/kg bodyweight
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Ethylene glycol (107-21-1)	
IARC group	Not listed in carcinogenicity class
Reproductive toxicity	: Not classified.
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: May cause damage to organs through prolonged or repeated exposure.
Ethylene glycol (107-21-1)	
NOAEL (oral,rat,90 days)	150 mg/kg bodyweight/day kidney
disodium tetraborate, anhydrous (1330-43-4)	
LOAEL (oral,rat,90 days)	58.5 mg/kg bodyweight/day
NOAEL (oral,rat,90 days)	17.5 mg/kg bodyweight/day
Aspiration hazard	: Not classified
Symptoms/injuries after inhalation	: Inhalation may cause: irritation, coughing, shortness of breath.
Symptoms/injuries after skin contact	: May cause an allergic skin reaction. Repeated or prolonged contact may cause skin irritation
Symptoms/injuries after eye contact	: May cause slight irritation. Symptoms may include pain, blinking, tears and redness.
Symptoms/injuries after ingestion	: Harmful if swallowed. Swallowing a small quantity of this material will result in serious health hazard.

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Chronic symptoms

Likely routes of exposure

: Causes damage to organs.

: Skin and eyes contact, inhalation, and ingestion.

sodium mercaptobenzothiazole (2492-26-	4)
LC50 fishes 1	1.87 mg/l 96h
Ethylene glycol (107-21-1)	
LC50 fishes 1	72860 mg/l Pimephales promelas
EC50 Daphnia 1	> 100 mg/l
NOEC chronic fish	15380 mg/l Pimephales promelas
NOEC chronic crustacea	8590 mg/l Ceriodaphnia sp.
Diethylene glycol (111-46-6)	
LC50 fishes 1	75200 mg/l
EC50 Daphnia 1	> 10000 mg/l
disodium tetraborate, anhydrous (1330-4	3-4)
LC50 fishes 1	74 mg/l 96h Limanda limanda
2.2. Persistence and degradability	
DefendAL Universal Antifreeze	
Persistence and degradability	Not established.
	Not ostablished.
Ethylene glycol (107-21-1)	
Persistence and degradability	Readily biodegradable.
Diethylene glycol (111-46-6)	
Persistence and degradability	Readily biodegradable.
2.3. Bioaccumulative potential	
DefendAL Universal Antifreeze	
Bioaccumulative potential	Does not biaccumulate significantly.
sodium mercaptobenzothiazole (2492-26-	4)
Log Pow	2.42
Ethylene glycol (107-21-1)	
Log Pow	- 1.36
Bioaccumulative potential	Not expected to bioaccumulate.
Diethylene glycol (111-46-6)	
Bioconcentration factor (BCF REACH)	100
Log Pow	-1.98
Bioaccumulative potential	Not expected to bioaccumulate.
2.4. Mobility in soil	
DefendAL Universal Antifreeze	Disashus is water, If and use entry call will be bighty makile and may contentionts around
Ecology - soil	Dissolves in water. If products enter soil, will be highly mobile and may contaminate ground water.
2.5. Other adverse effects	
	. Do not discharge the product into the environment
Other adverse effects	: Do not discharge the product into the environment.
SECTION 13: Disposal considerati	ons
3.1. Waste treatment methods	
3.1. Waste treatment methods Sewage disposal recommendations	: Do not dispose of waste into sewer.

Safety Data Sheet

Additional information

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

CFFR261.4 (b)(4)). Container rinsate could be considered a RCRA hazardous waste and must be disposed of with care. Container contents should be completely used and containers should be emptied prior to discard. Larger empty containers, such as drums, should be returned to the distributor or to a drum reconditioner. SECTION 14: Transport information In accordance with DOT Not considered a dangerous good for transport regulations Additional information Other information Cher information Transport document description : Not applicable

Transport by sea

No additional information available

Air transport

No additional information available

DefendAL Universal Antifreeze			
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard Delayed (chronic) health hazard		
sodium mercaptobenzothiazole (2492-26-4)			
Listed on the United States TSCA (Toxic Substan	nces Control Act) inventory		
Ethylene glycol (107-21-1)			
Listed on the United States TSCA (Toxic Substances Control Act) inventory			
EPA TSCA Regulatory Flag	T - T - indicates a substance that is the subject of a Section 4 test rule under TSCA.		
RQ (Reportable quantity, section 304 of EPA's List of Lists) :	5000 lb		
SARA Section 313 - Emission Reporting	30 - 95%		
Diethylene glycol (111-46-6)			
Listed on the United States TSCA (Toxic Substances Control Act) inventory			

: In its present state, this product is not a hazardous waste according to Federal Regulations (40

15.2. International regulations

CANADA

DefendAL Universal Antifreeze

Derenaria entrersar Antinecze			
WHMIS Classification	Class D Division 1 Subdivision B - Toxic material causing immediate and serious toxic effects Class D Division 2 Subdivision B - Toxic material causing other toxic effects		
sodium mercaptobenzothiazole (2492-	26-4)		
Listed on the Canadian DSL (Domestic S	ubstances List) inventory.		
Ethylene glycol (107-21-1)			
Listed on the Canadian DSL (Domestic S	ubstances List) inventory.		
Diethylene glycol (111-46-6)			
Listed on the Canadian DSL (Domestic Substances List) inventory.			
disodium tetraborate, anhydrous (133)-43-4)		
Listed on the Canadian DSL (Domestic Substances List) inventory.			

EU-Regulations

sodiun	n mercaptobe	enzot	niazole (2492-26-	4)			
						-	 _

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) substances.

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Ethylene glycol (107-21-1)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) substances.

Diethylene glycol (111-46-6)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) substances.

disodium tetraborate, anhydrous (1330-43-4)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) substances.

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Acute Tox. 4 (Oral) H302 STOT RE 2 H373 Full text of H-phrases: see section 16

Classification according to Directive 67/548/EEC or 1999/45/EC

Xn; R22

15.2.2. National regulations

sodium mercaptobenzothiazole (2492-26-4) Listed on Taiwan National Chemical Inventory Listed on Inventory of Existing Chemical Substances (IECSC) Listed on the Japanese ENCS (Existing & New Chemicals Substances) inventory. Listed on Inventory of Chemicals and Chemical Substances (PICCS) Listed on KECI (Chemical Inventory of Korea) Listed on New Zealand - Inventory of Chemicals (NZIoC) Listed on the AICS (the Australian Inventory of Chemical Substances). Ethylene glycol (107-21-1) Listed on the Japanese ENCS (Existing & New Chemicals Substances) inventory. Listed on the AICS (the Australian Inventory of Chemical Substances). Listed on Taiwan National Chemical Inventory Listed on New Zealand - Inventory of Chemicals (NZIoC) Listed on KECI (Chemical Inventory of Korea) Listed on Inventory of Existing Chemical Substances (IECSC) Listed on Inventory of Chemicals and Chemical Substances (PICCS) Diethylene glycol (111-46-6) Listed on the Japanese ENCS (Existing & New Chemicals Substances) inventory. Listed on the AICS (the Australian Inventory of Chemical Substances). Listed on Taiwan National Chemical Inventory Listed on New Zealand - Inventory of Chemicals (NZIoC) Listed on KECI (Chemical Inventory of Korea) Listed on Inventory of Existing Chemical Substances (IECSC) Listed on Inventory of Chemicals and Chemical Substances (PICCS) disodium tetraborate, anhydrous (1330-43-4) Listed on Inventory of Existing Chemical Substances (IECSC) Listed on Taiwan National Chemical Inventory Listed on KECI (Chemical Inventory of Korea) Listed on the Japanese ENCS (Existing & New Chemicals Substances) inventory. Listed on Inventory of Chemicals and Chemical Substances (PICCS) Listed on New Zealand - Inventory of Chemicals (NZIoC) Listed on the AICS (the Australian Inventory of Chemical Substances).

15.3. US State regulations

No additional information available

SECTION 16: Other information

Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained herein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each individual should make a determination as to the suitability of the information for their particular purpose(s).

End-use applications **NOT** supported by G&G Oil Co., Inc. for monoethylene glycol, diethylene glycol and triethylene glycol. These limitations include products restricted by law, applications in which may raise unacceptable risks, and other applications which G&G Oil Co., Inc. has decided not to, including

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

minimizing unnecessary risk and liabilities to the company. G&G Oil Co., Inc. does not knowingly market these products into these nonsupported applications. This list is not all-inclusive, and G&G Oil Co., Inc. reserves the right to modify the same at any time.

- The use of production of tobacco and in the manufacture of tobacco products (including but not limited to additives, humectants, filters, inks, and paper)
- The use for the generation of artificial smoke / theatrical fogs / mist. This includes applications such as artificial / e-cigarettes.
- The use as ingredient in fuel for warming foods (Sterno[™]-like application) or in fuel for heating an enclosed space where human exposure is possible.
- The use in fire extinguishing sprinkler systems.
- The use in the manufacture of munitions.
- The use in the production of de-icers for use on roadways, sidewalks and in aircraft lavatories.
- The use as a component of heat transfer fluids in systems where the heat transfer fluids could infiltrate (i.e., via an exchanger leak, backflow prevention failure, or other means) a potable water.
- The use as a non-reacted component in a formulation for direct internal or external human / animal contact, including, but not limited to ingestion, inhalation, and skin contact and in medical / veterinary devices and medial / veterinary. Examples of some such applications are uses as a direct component in foods, beverages, pharmaceuticals, cosmetics, personal care products or children's products.
- The use for consumer or hospital usage for deodorizing or air "purifying" purposes by spraying as an aerosol.
- The use as a non-reacted component in adhesives, plasticizers, and softening agents for packaging having direct contact with food or beverage.
- The use as a non-reacted component in the formulation of glues, pastes, ice / heat packs or other items where the potential for significant human contact and/or ingestion exists (including but not limited to children's school glue/paste or arts/craft glue/paste, toys, children products).
- The use as a fluid for pressure testing piping.

Indication of changes	: Original Document.
Data sources	: ACGIH 2000.
	European Chemicals Agency (ECHA) Registered Substances list. Accessed at http://echa.europa.eu/.
	Krister Forsberg and S.Z. Mansdorf, "Quick Selection Guide to Chemical Protective Clothing", Fifth Edition.
	National Fire Protection Association; Fire Protection Guide to Hazardous Materials; 10th edition.
	OSHA 29CFR 1910.1200 Hazard Communication Standard.
	TSCA Chemical Substance Inventory. Accessed at http://www.epa.gov/oppt/existingchemicals/pubs/tscainventory/howto.html.
Abbreviations and acronyms	: ACGIH (American Conference of Governement Industrial Hygienists).
	ATE: Acute Toxicity Estimate.
	ATE: Acute Toxicity Estimate.
	CAS (Chemical Abstracts Service) number.
	CLP: Classification, Labelling, Packaging.
	EC50: Environmental Concentration associated with a response by 50% of the test population.
	GHS: Globally Harmonized System (of Classification and Labeling of Chemicals).
	LD50: Lethal Dose for 50% of the test population.
	OSHA: Occupational Safety & Health Administration.
	TSCA: Toxic Substances Control Act.
	STEL: Short Term Exposure Limits.
	TWA: Time Weight Average.
Other information	: None.

Full text of H-phrases: see section 16:

Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4			
Aquatic Acute 1	Hazardous to the aquatic environment - Acute Hazard Category 1			
Aquatic Chronic 1	Hazardous to the aquatic environment - Chronic Hazard Category 1			
Repr. 1B	Reproductive toxicity Category 1B			
Skin Corr. 1B	skin corrosion/irritation Category 1B			
Skin Sens. 1	Skin sensitisation Category 1			
STOT RE 2	Specific target organ toxicity (repeated exposure) Category 2			
H302	Harmful if swallowed Causes severe skin burns and eye damage			
H314				
H317	May cause an allergic skin reaction			
H360	May damage fertility or the unborn child			

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

H400 Very toxic to aquatic life H410 Very toxic to aquatic life with long lasting effects	H373		
H410 Very toxic to aquatic life with long lasting effects	H400		
	H410		

NFPA health hazard	: 2 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given.	
NFPA fire hazard	: 1 - Must be preheated before ignition can occur.	
NFPA reactivity	: 0 - Normally stable, even under fire exposure conditions, and not reactive with water.	

SDS US (GHS HazCom 2012)

Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained herein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each individual should make a determination as to the suitability of the information for their particular purpose(s).