

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

	the substance/mixture and of the company/undertaking
I.1. Product identifier	
Product form	: Mixture
Product name	: Full Force Concentrate Antifreeze & Coolant
I.2. Relevant identified uses of	the substance or mixture and uses advised against
Jse of the substance/mixture	: Automotive Engine Antifreeze & Coolant
1.3. Details of the supplier of th	e safety data sheet
Old World Industries, LLC	Distributed by CAL Chemical
4065 Commercial Ave.	Distributed by: SAL Chemical
Northbrook, IL 60062 - USA T (847) 559-2000	3036 Birch Drive, Weirton, WV 26062
www.oldworldind.com	304.748.8200 - Phone 304.797.8751 - Fax
1.4. Emergency telephone num	ber
Emergency number	: (800) 424-9300; (703) 527 3887 (International) Chemtrec
SECTION 2: Hazards identific	ation
2.1. Classification of the substa	ance or mixture
GHS-US classification	
Acute Tox. 4 (Oral) H302	
STOT RE 2 H373	
Full text of H-phrases: see section 16	
2.2. Label elements	
GHS-US labelling	
Hazard pictograms (GHS-US)	
	GHS07 GHS08
Signal word (GHS-US)	: Warning
Hazard statements (GHS-US)	: H302 - Harmful if swallowed H373 - May cause damage to organs (kidneys) through prolonged or repeated exposure (oral)
Precautionary statements (GHS-US)	: P201 - Obtain special instructions before use
resolutionary statements (Grio-06)	P201 - Obtain special instructions before use P202 - Do not handle until all safety precautions have been read and understood
	P260 - Do not breathe mist, spray, vapors
	P264 - Wash affected areas thoroughly after handling
	P270 - Do not eat, drink or smoke when using this product P280 - Wear personal protective equipment as required
	P301+P310 - If swallowed: Immediately call doctor/physician or poison center
	P301+P330+P331 - If swallowed: rinse mouth. Do NOT induce vomiting
	P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing
	P308+P313 - If exposed or concerned: Get medical advice/attention
	P405 - Store locked up P501 - Dispose of contents/container, in a safe manner, to appropriate waste disposal facility,
	in accordance with local/regional/national/international regulations
2.3. Other hazards	
No additional information available	
2.4. Unknown acute toxicity (Gl	HS-US)
No data available	

No data available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

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3.2. Mixture			
Name	Product identifier	% by wt	GHS-US classification
ethylene glycol	(CAS No) 107-21-1	90 - 97	Acute Tox. 4 (Oral), H302
diethylene glycol	(CAS No) 111-46-6	< 5	Acute Tox. 4 (Oral), H302 STOT RE 2, H373
water	(CAS No) 7732-18-5	< 4	Not classified
denatonium benzoate	(CAS No) 3734-33-6	30 - 50 ppm	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335

: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Seek immediate medical advice. Allow the victim to rest. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.
: Remove contaminated clothing. Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation occurs: Rinse immediately with plenty of water (for at least 15 minutes). Get medical advice/attention. Specific treatment (see supplemental first aid instructions on this label).
: Remove contact lenses, if present and easy to do. Continue rinsing. Rinse immediately with plenty of water for 15 minutes, lifting lower and upper lids. If eye irritation persists: Rinse immediately with plenty of water. Get medical advice/attention.
: Obtain emergency medical attention. Rinse mouth. If the person is fully conscious, make him/her drink two glasses of water. Never give an unconscious person anything to drink. Do NOT induce vomiting. Call a POISON CENTER/doctor/physician if you feel unwell. If medical advice is delayed, and if the person has swallowed a moderate volume of material (a few ounces), then give three to four ounces of hard liquor, such as whiskey. For children, give proportionally less liquor, according to weight.
ects, both acute and delayed
: Causes damage to organs (kidneys) (oral).
: Causes skin irritation.
: Causes serious eye damage.
: Swallowing a small quantity of this material will result in serious health hazard. The lethal dose in humans is estimated to be 100 mL (3 oz).

4.3. Indication of any immediate medical attention and special treatment needed

A more effective intravenous antidote for physician uses is 4-methylpyrazaole, a potent inhibitor of alcohol dehydrogenases, which effectively blocks the formation of toxic metabolites of ethylene glycol. It has been used to decrease the metabolic consequences of ethylene glycol poisoning before metabolic acidosis coma, seizures, and renal failure have occured.

SECTION 5: Firefighting measures	
5.1. Extinguishing media	
Suitable extinguishing media	: Water fog. Fine water spray. Alcohol-resistant foam. Foam. Carbon dioxide. Dry chemical powder. Sand.
Unsuitable extinguishing media	: Do not use a heavy water stream. May spread fire.
5.2. Special hazards arising from the su	bstance or mixture
Fire hazard	During a fire, smoke may contain the original material in addition to combustion products of varying composition which may be toxic and/or irritating. Combustion products may include and are not limited to: Carbon monoxide. Carbon dioxide.
Reactivity	: No dangerous reactions known under normal conditions of use.
5.3. Advice for firefighters	
Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.
Special protective equipment for fire fighters	: Wear positive pressure self-contained breathing apparatus (SCBA). Protective fire fighting clothing (includes fire-fighting helmet, coat, pants, boots and gloves).

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SECTION 6: Accidental release measures				
6.1.	1. Personal precautions, protective equipment and emergency procedures			
6.1.1.	For non-emergency personnel			
Emergeno	cy procedures	: Evacuate unnecessary personnel.		
6.1.2.	For emergency responders			
Protective	e equipment	: Equip cleanup crew with proper protection. Refer to section 8.2.		
Emergend	cy procedures	: Ventilate area.		
6.2.	Environmental precautions			
Prevent e	entry to sewers and public waters. Notify a	authorities if liquid enters sewers or public waters.		
6.3.	Methods and material for containmen	t and cleaning up		
Methods f	for cleaning up	: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.		
6.4.	Reference to other sections			
See Head	ding 8. Exposure controls and personal per	rotection.		
SECTION 7: Handling and storage				
	IN T. Handling and Storage			
	Precautions for safe handling			
7.1.	Precautions for safe handling	: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor.		
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7.1. Precaution Hygiene n	Precautions for safe handling ns for safe handling	smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor.Do not eat, drink or smoke when using this product. Wash affected areas thoroughly after handling.		
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8.1. Control parameters

ethylene glycol (107-21-1)		
USA ACGIH	ACGIH Ceiling (mg/m ³)	100.00 mg/m³
USA ACGIH Remark (ACGIH) Upper Respiratory Tract (URT) & Eye irritant		
8.2. Exposure controls		

Personal protective equipment

: Avoid all unnecessary exposure. Gloves. Safety glasses.



Hand protection	Wear pro	tective gloves.
Eye protection	Chemical	goggles or safety glasses.
Respiratory protection	If expose	d to levels above exposure limits wear appropriate respiratory protection.
Other information	Do not ea	at, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1.	Information on ba	asic physical and chemical properties
Physical	state	: Liquid
Color		: Green
Odor		: Mild

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Odor threshold	: No data available	
pH 50% water solution	: 10.5 - 11	
Relative evaporation rate (butylacetate=1)	: Nil	
Freezing point	: -18 °C (0 °F)	
Boiling point	: 158 °C (317 ⁰F)	
Flash point	: 116 °C (241 °F) [100% Ethylene Glycol] ASTM D56	
Auto-ignition temperature	: 400 °C (752 °F) [100% Ethylene Glycol] <i>Literature</i>	
Decomposition temperature	: No data available	
Flammability (solid, gas)	: No data available	
Vapor pressure	: < 0.1 mm Hg @ 20 °C	
Relative vapor density at 20 °C	: No data available	
Specific Gravity	: 1.12	
Density	: 1.12 kg/l (9.3 lbs/gal)	
Solubility	: Water: Complete	
Log Pow	: No data available	
Log Kow	: No data available	
Viscosity, kinematic	: No data available	
Viscosity, dynamic	: No data available	
Explosive properties	: No data available	
Oxidizing properties	: No data available	
Explosive limits	: 3.2 - 15.3 vol %	
9.2. Other information		
VOC content	: 0.00 %	
SECTION 10: Stability and reactivity	ty	
10.1. Reactivity		
No dangerous reactions known under normal	conditions of use.	
10.2. Chemical stability		
Stable.		
10.3. Possibility of hazardous reactions	s and the second se	
Hazardous polymerization will not occur.		
10.4. Conditions to avoid		
Keep away from any flames or sparking source. Extremely high or low temperatures.		
10.5. Incompatible materials		
Keep away from strong acids, strong bases ar	id oxidizing agents.	
10.6. Hazardous decomposition products		
Carbon dioxide. Carbon monoxide. Fume. Alcohols. Aldehydes. Ethers.		
SECTION 11: Toxicological information		
11.1. Information on toxicological effect	ts	
Acute toxicity	: Oral: Harmful if swallowed.	
ethylene glycol (107-21-1)		

ethylene glycol (107-21-1)		
LD50 oral rat	> 5,000 mg/kg (Rat)	
ATE US (oral)	500 mg/kg bodyweight	
diethylene glycol (111-46-6)		
LD50 oral rat	12,565 mg/kg (Rat)	
LD50 dermal rabbit	11,890 mg/kg (Rabbit)	
ATE US (oral)	500 mg/kg bodyweight	
ATE US (dermal)	11,890 mg/kg bodyweight	
denatonium benzoate (3734-33-6)		
LD50 oral rat	584 mg/kg (Rat)	

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ethylene glycol (107-21-1)	
LD50 dermal rabbit	> 2,000 mg/kg (Rabbit)
ATE US (oral)	584 mg/kg bodyweight
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: May cause damage to organs (kidneys) through prolonged or repeated exposure (oral).
Aspiration hazard	: Not classified
Potential adverse human health effects and symptoms	: Based on available data, the classification criteria are not met. Harmful if swallowed.
Symptoms/injuries after skin contact	: Causes skin irritation.
Symptoms/injuries after eye contact	: Causes serious eye damage.
Symptoms/injuries after ingestion	: Swallowing a small quantity of this material will result in serious health hazard. The lethal dose in humans is estimated to be 100 mL (3 oz).

SECTION 12: Ecological information

12.1. Toxicity

ethylene glycol (107-21-1)		
LC50 fish 1	53,000 mg/l (96 h; Pimephales promelas; Static system)	
EC50 Daphnia 1	> 10,000 mg/l (24 h; Daphnia magna)	
LC50 fish 2	40,761 mg/l (96 h; Salmo gairdneri (Oncorhynchus mykiss); Static system)	
Threshold limit algae 1	> 10,000 mg/l (168 h; Scenedesmus quadricauda)	
Threshold limit algae 2	2,000 mg/l (192 h; Microcystis aeruginosa)	
diethylene glycol (111-46-6)		
LC50 fish 1	> 5,000 ppm (24 h; Carassius auratus)	
LC50 other aquatic organisms 1	1,174 mg/l (Xenopus laevis)	
EC50 Daphnia 1	> 10,000 mg/l (24 h; Daphnia magna)	
LC50 fish 2	61,072 ppm (168 h; Poecilia reticulata)	
TLM fish 1	> 32,000 mg/l (96 h; Gambusia affinis)	
TLM other aquatic organisms 1	> 1,000 ppm (96 h)	
Threshold limit other aquatic organisms 1	1,174 mg/l (72 h; Xenopus laevis; Toxicity test)	
Threshold limit other aquatic organisms 2	10,745 mg/l (16 h; Protozoa; Toxicity test)	
Threshold limit algae 1	2,700 mg/l (168 h; Scenedesmus quadricauda)	
Threshold limit algae 2	100 mg/l (Selenastrum capricornutum)	
denatonium benzoate (3734-33-6)		
LC50 fish 1	> 1,000 mg/l 96 h; Salmo gairdneri (Oncorhynchus mykiss)	
EC50 Daphnia 1	13 mg/l (48 h; Daphnia magna)	

12.2. Persistence and degradability

ethylene glycol (107-21-1)		
Persistence and degradability Readily biodegradable in water. Biodegradable in the soil. Not established.		
Biochemical oxygen demand (BOD)	0.47 g O ₂ /g substance	
Chemical oxygen demand (COD)	1.24 g O ₂ /g substance	
ThOD	1.29 g O ₂ /g substance	
BOD (% of ThOD)	0.36 % ThOD	
diethylene glycol (111-46-6)		
Persistence and degradability	Readily biodegradable in water. Biodegradable in the soil. Photolysis in the air.	
Biochemical oxygen demand (BOD)	0.02 g O ₂ /g substance	
Chemical oxygen demand (COD)	1.51 g O ₂ /g substance	
ThOD	1.51 g O ₂ /g substance	

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BOD (% of ThOD) 0.015 % ThOD denatonium benzoate (3734-33-6) Persistence and degradability Biodegradability in water: no data available. No (test) data on mobility of the sultable.	ethylene glycol (107-21-1)		
Persistence and degradability Biodegradability in water: no data available. No (test) data on mobility of the su	denatonium benzoate (3734-33-6)		
Persistence and degradability Biodegradability in water: no data available. No (test) data on mobility of the substance available.			

Bioaccumulative potential 12.3.

ethylene glycol (107-21-1)			
BCF fish 1 10 (72 h; Leuciscus idus)			
BCF other aquatic organisms 1	0.21 - 0.6 (Procambarus sp.; Chronic)		
BCF other aquatic organisms 2	190 (24 h; Algae)		
Log Pow	-1.34 (Experimental value)		
Bioaccumulative potential Low potential for bioaccumulation (BCF < 500). Not established.			
diethylene glycol (111-46-6)			
Log Pow	-1.98		
Bioaccumulative potential	Bioaccumulation: not applicable.		
denatonium benzoate (3734-33-6)			
Log Pow	1.78 (Estimated value)		
Bioaccumulative potential Low potential for bioaccumulation (Log Kow < 4).			
12.4 Mobility in soil			

Mobility in soil 12.4.

Burface tension 0.048 N/m (20 °C / 68 °F) ideutylene glycol (111-46-6) 0.0485 N/m Surface tension 0.0485 N/m ist. Other adverse effects fect on ozone layer : No known effect on the ozone layer fect on global warming : No known ecological damage caused by this product. her information : Avoid release to the environment. ECTION 13: Disposal considerations : 14. Waste treatment methods : aste disposal recommendations : isology - waste materials : Corollary - Corolary - Corollary	ethylene glycol (107-21-1)	
ilethylene glycol (111-46-6) 0.0485 N/m Surface tension 0.0485 N/m ifect on ozone layer : No known effect on the ozone layer fect on global warning : No known ecological damage caused by this product. her information : Avoid release to the environment. ECTION 13: Disposal considerations : Dispose of contents/container, in a safe manner, to appropriate waste disposal facility, in accordance with local/regional/national/regulations. sate disposal recommendations : Dispose of contents/container, in a safe manner, to appropriate waste disposal facility, in accordance with local/regional/national/international regulations. sology - waste materials : Avoid release to the environment. ECTION 14: Transport information : UN3082 Environmentally hazardous substances, liquid, n.o.s., 9, III vNo.(DOT) : 3082 OT NA no. : UN3082 oper Shipping Name (DOT) : Environmentally hazardous substances, liquid, n.o.s. agartment of Transportation (DOT) Hazard : 9 - Class 9 - Miscellaneous hazardous materials) asses : 9 - Class 9 (Miscellaneous dangerous materials) accordance with IOCT) : 9 - Class 9 (Miscellaneous dangerous materials) accordance with IOCT) : 9 - Class 9 (Miscellaneous dangerous materials) accordance with IOCT)	Surface tension	0.048 N/m (20 °C / 68 °F)
Surface tension 0.0485 N/m 15. Other adverse effects fect on ozone layer : No known effect on the ozone layer fect on global warming : No known ecological damage caused by this product. her information : Avoid release to the environment. ECTION 13: Disposal considerations : Dispose of contents/container, in a safe manner, to appropriate waste disposal facility, in accordance with local/regional/national/international regulations. solegy - waste materials : Avoid release to the environment. ECTION 14: Transport information : Avoid release to the environment. accordance with DOT : Avoid release to the environment. ECTION 14: Transport information : UN3082 Environmentally hazardous substances, liquid, n.o.s., 9, III vNo.(DOT) : 3082 OT NA no. : UN3082 oper Shipping Name (DOT) : Environmentally hazardous substances, liquid, n.o.s. sases : 9 - Class 9 - Miscellaneous hazardous material 49 CFR 173.140 asses : 9 - Class 9 (Miscellaneous dangerous materials) acking group (DOT) : 9 - Class 9 (Miscellaneous dangerous materials) acking group (DOT) : 11 - Minor Danger DT Packaging Exceptions (49 CFR 173.xxx) : 203	diethylene glycol (111-46-6)	
Fect on ozone layer : No known effect on the ozone layer fect on global warming : No known ecological damage caused by this product. her information : Avoid release to the environment. ECTION 13: Disposal considerations : Dispose of contents/container, in a safe manner, to appropriate waste disposal facility, in accordance with local/regional/national/international regulations. sate disposal recommendations : Dispose of contents/container, in a safe manner, to appropriate waste disposal facility, in accordance with local/regional/national/international regulations. scology - waste materials : Avoid release to the environment. ECTION 14: Transport information : UN3082 Environmentally hazardous substances, liquid, n.o.s., 9, III accordance with DOT : 3082 oper Shipping Name (DOT) : Environmentally hazardous substances, liquid, n.o.s., 9, III v4No.(DOT) : 3082 card labels (DOT) : Class 9 - Miscellaneous hazardous material 49 CFR 173.140 asses : 9 - Class 9 (Miscellaneous dangerous materials) accordance (DOT) : G - Identifies PSN requiring a technical name acking group (DOT) : III - Minor Danger DT Symbols : G - Identifies PSN requiring a technical name acking group (DOT) : 155 DT Packaging Exceptions (49 CFR 173.xx	Surface tension	0.0485 N/m
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K1. Waste treatment methods aste disposal recommendations : Dispose of contents/container, in a safe manner, to appropriate waste disposal facility, in accordance with local/regional/national/international regulations. cology - waste materials : Avoid release to the environment. ECTION 14: Transport information : UN3082 Environmentally hazardous substances, liquid, n.o.s., 9, III accordance with DOT : 3082 ansport document description : UN3082 Environmentally hazardous substances, liquid, n.o.s., 9, III V-No.(DOT) : 3082 DT NA no. : UN3082 oper Shipping Name (DOT) : Environmentally hazardous substances, liquid, n.o.s. apartment of Transportation (DOT) Hazard : 9 - Class 9 - Miscellaneous hazardous material 49 CFR 173.140 asses : 9 - Class 9 (Miscellaneous dangerous materials) off : 0 - Identifies PSN requiring a technical name acking group (DOT) : III - Minor Danger DT Packaging Exceptions (49 CFR 173.xxx) : 155 DT Packaging Non Bulk (49 CFR 173.xxx) : 203	Other information : Avoid release to the environment.	
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DT Packaging Exceptions (49 CFR 173.xxx): 155DT Packaging Non Bulk (49 CFR 173.xxx): 203	DOT Symbols	: G - Identifies PSN requiring a technical name
DT Packaging Non Bulk (49 CFR 173.xxx) : 203	Packing group (DOT)	: III - Minor Danger
	DOT Packaging Exceptions (49 CFR 173.xxx)	: 155
DT Packaging Bulk (49 CFR 173.xxx) : 241	DOT Packaging Non Bulk (49 CFR 173.xxx)	: 203
	DOT Packaging Bulk (49 CFR 173.xxx)	: 241

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DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)	: No limit
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)	: No limit
DOT Vessel Stowage Location	: A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.
Other information	: Non Bulk: Not regulated by the US D.O.T. (in quantities under 5,000 lbs in any one inner package).
ADR	
No additional information available	
Transport by sea	
UN-No. (IMDG)	: Not regulated by IMDG (in quantities under 5,000 lbs in any one inner package)
Air transport	
UN-No.(IATA)	: Not regulated by IATA (in quantities under 5,000 lbs in any one inner package)

SECTION 15: Regulatory information			
15.1. US Federal regulations			
Full Force Concentrate Antifreeze & Coolant			
EPA TSCA Regulatory Flag	Toxic Substances Control Act (TSCA): The intentional ingredients of this product are listed		
ethylene glycol (107-21-1)			
Listed on the United States TSCA (Toxic Substances Control Act) inventory Listed on United States SARA Section 313			
RQ (Reportable quantity, section 304 of EPA's List of Lists)	5000 lb(s)		
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard Delayed (chronic) health hazard Ethylene glycol is subject to Tier 1 and/or Tier II annual inventory reporting.		
SARA Section 313 - Emission Reporting	Ethylene glycol is subject to Form R Reporting requirements.		
diethylene glycol (111-46-6)			
Listed on the United States TSCA (Toxic Substances Control Act) inventory			
denatonium benzoate (3734-33-6)			
Listed on the United States TSCA (Toxic Substances Control Act) inventory			

15.2. International regulations

CANADA		
Full Force Concentrate Antifreeze & Coolant		
WHMIS Classification	Class D Division 2 Subdivision A - Very toxic material causing other toxic effects	

WHMIS Classification



EU-Regulations No additional information available

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

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

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15.2.2. National regulations Full Force Concentrate Antifreeze & Coolant		
Full Force Concentrate Antifreeze & Coolant		
DSL (Canada): The intentional ingredients of this product are listed		
ECL (South Korea): The intentional ingredients of this product are listed.		
EINECS (Europe): The intentional ingredients of this product are listed		
ENCS (Japan): The intentional ingredients of this product are listed		

15.3. US State regulations

ethylene glycol (107-21-1)
J.S Massachusetts - Right To Know List J.S New Jersey - Right to Know Hazardous Substance List J.S Pennsylvania - RTK (Right to Know) List

SECTION 16: Other information

Full text of H-phrases:

	Acute Tox. 4 (Oral)		Acute toxicity (oral), Category 4
	Eye Irrit. 2A		Serious eye damage/eye irritation, Category 2A
	Skin Irrit. 2		Skin corrosion/irritation, Category 2
	STOT RE 2		Specific target organ toxicity — Repeated exposure, Category 2
	STOT SE 3		Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
	H302		Harmful if swallowed
	H315		Causes skin irritation
	H319		Causes serious eye irritation
	H335		May cause respiratory irritation
	H373		May cause damage to organs through prolonged or repeated exposure
		: 1 - Exposure could cause injury even if no treatment	irritation but only minor residual
NFPA fire hazard : 1 - Must be preheated be		: 1 - Must be preheated bef	fore ignition can occur.
		: 0 - Normally stable, even and are not reactive with v	under fire exposure conditions, water.
HMIS I	II Rating		
Health		: 2 Moderate Hazard - Ter	nporary or minor injury may occur
Flamm	ability	: 1 Slight Hazard	
Physica		: 0 Minimal Hazard	
,			

Personal Protection

SDS GHS US (GHS HazCom 2012) OWI

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