LA-CO Industries, Inc.

Tempilstik® 266 °F (130 °C), 269 °F (132 °C), 344 °F (173 °C), 356 °F (180 °C), 363 °F (184 °C), 750 °F (399 °C), 1300 °F (704 °C), 140 °F (60 °C), 194 °F (90 °C), 752 °F (400 °C), 1292 °F (700 °C)

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations, Canada Hazardous Products Regulations (HPR) / Règlement sur les produits dangereux (RPD)

Date of issue: 04/10/2015 Revision date: 07/19/2018 Supersedes: 01/05/2016 Version: 3.1

SECTION 1: Identification

1.1. Identification

Product form : Mixture

Trade name : Tempilstik® 266 °F (130 °C), 269 °F (132 °C), 344 °F (173 °C), 356 °F (180 °C), 363 °F (184 °C), 750 °F (399 °C), 1300 °F (704 °C), 140 °F (60 °C), 194 °F (90 °C), 752 °F (400 °C), 1292 °F (700 °C)

1.2. Recommended use and restrictions on use

Use of the substance/mixture : Temperature indicator

Restrictions on use : No additional information available

1.3. Supplier

LA-CO Industries, Inc.
1201 Pratt Boulevard
Elk Grove Village, IL. 60007-5746
Phone: (847) 956-7600
Fax: (847) 956-9885
E-mail: customer_service@laco.com

1.4. Emergency telephone number

Emergency number : 24-hour emergency: CHEMTREC- U.S. : 1-800-424-9300 International: +1-703-527-3887

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS-US classification

Skin Irrit. 2	H315	Causes skin irritation.
Eye Irrit. 2A	H319	Causes serious eye irritation.
STOT SE 3	H335	May cause respiratory irritation.

Full text of hazard classes and H-statements : see section 16

2.2. GHS Label elements, including precautionary statements

GHS-US labelling

Hazard pictograms (GHS-US) :

Signal word (GHS-US) : Warning

Hazard statements (GHS-US) : H315 - Causes skin irritation.
H319 - Causes serious eye irritation.
H335 - May cause respiratory irritation.

Precautionary statements (GHS-US) : P261 - Avoid breathing dust, fume.
P264 - Wash hands thoroughly after handling.
P271 - Use only outdoors or in a well-ventilated area.
P280 - Wear eye protection, protective gloves.
P302+P352 - If on skin: Wash with plenty of water
P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312 - Call a doctor if you feel unwell
P321 - Specific treatment (see First aid measures on this label)
P332+P313 - If skin irritation occurs: Get medical advice/attention.
P337+P313 - If eye irritation persists: Get medical advice/attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.

P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
P405 - Store locked up.
P501 - Dispose of contents/container to Collection point

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

5.83% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)
5.83% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)
5.83% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist))

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Comments : Concentration ranges are due to batch differences.

Name	Product identifier	%	GHS-US classification
hymecromone	(CAS-No.) 90-33-5	0 - 90.79	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335
salicylanilide	(CAS-No.) 87-17-2	0 - 89.87	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335
dilithium molybdate	(CAS-No.) 13568-40-6	0 - 89.27	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335
butyl 4-hydroxybenzoate	(CAS-No.) 94-26-8	0 - 83.63	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335
benzil	(CAS-No.) 134-81-6	0 - 81.6	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335
potassium molybdate	(CAS-No.) 13446-49-6	0 - 21.21	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335
Iron oxide red	(CAS-No.) 1309-37-1	0 - 1.8	Aquatic Chronic 2, H411
lithium carbonate	(CAS-No.) 554-13-2	0 - 1.78	Acute Tox. 4 (Oral), H302 Eye Irrit. 2A, H319

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.

First-aid measures after skin contact : Wash with plenty of water/…. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting.

4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects after inhalation : May cause respiratory irritation.

Symptoms/effects after skin contact : Causes skin irritation.

Symptoms/effects after eye contact : Causes serious eye irritation.

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically and supportively.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Sand. Water spray.

Unsuitable extinguishing media : None known.

5.2. Specific hazards arising from the chemical

Fire hazard : No specific fire or explosion hazard. Burning produces irritating, toxic and noxious fumes.

Reactivity : No dangerous reactions known.

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Do not allow run-off from fire fighting to enter drains or water courses.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection. Wear a self contained breathing apparatus. Wear fire/flame resistant/retardant clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Always approach spills or fires from upwind/uphill. Avoid creating or spreading dust.

6.1.1. For non-emergency personnel

Protective equipment : Chemical goggles or safety glasses. Dust impervious gloves.

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Chemical goggles or safety glasses. Dust impervious gloves.

Emergency procedures : Ventilate area.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment : Avoid generating dust. Contain and collect as any solid.

Methods for cleaning up : Minimize generation of dust. On land, sweep or shovel into suitable containers.

6.4. Reference to other sections

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 dust, fume. Use only outdoors or in a well-ventilated area.

Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep container tightly closed.

Incompatible products : Strong oxidizers. Strong bases.

Prohibitions on mixed storage : Keep away from incompatible materials.

Storage area : Store in dry, cool, well-ventilated area.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

salicylanilide (87-17-2)
Not applicable

Iron oxide red (1309-37-1)		
ACGIH	Local name	Iron oxide (Fe O)

Iron oxide red (1309-37-1)		
ACGIH	ACGIH TWA (mg/m³)	5 mg/m³
ACGIH	Remark (ACGIH)	Pneumoconiosis
OSHA	OSHA PEL (TWA) (mg/m³)	10 mg/m³
NIOSH	NIOSH REL (TWA) (mg/m³)	5 mg/m³

hymecromone (90-33-5)
Not applicable

potassium molybdate (13446-49-6)
Not applicable

dilithium molybdate (13568-40-6)
Not applicable

lithium carbonate (554-13-2)
Not applicable

butyl 4-hydroxybenzoate (94-26-8)
Not applicable

benzil (134-81-6)
Not applicable

8.2. Appropriate engineering controls

Appropriate engineering controls : Avoid dispersal of dust in the air (ie, clearing dust surfaces with compressed air). Ensure good ventilation of the work station.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Avoid all unnecessary exposure.

Hand protection:

Wear dust impervious gloves.

Eye protection:

Chemical goggles or safety glasses.

Respiratory protection:

In case of inadequate ventilation wear respiratory protection. Use air-purifying respirator equipped with particulate filtering cartridges.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	:	Solid
Appearance	:	A solid crayon-like marker.
Colour	:	Variable
Odour	:	odourless
Odour threshold	:	No data available
pH	:	No data available
Melting point	:	No data available
Freezing point	:	No data available
Boiling point	:	No data available
Flash point	:	No data available
Relative evaporation rate (butylacetate=1)	:	No data available
Flammability (solid, gas)	:	No data available

Vapour pressure	:	No data available
Relative vapour density at 20 °C	:	No data available
Relative density	:	No data available
Solubility	:	No data available
Log Pow	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Viscosity, kinematic	:	No data available
Viscosity, dynamic	:	No data available
Explosive limits	:	No data available
Explosive properties	:	No data available
Oxidising properties	:	No data available

9.2. Other information

VOC content : 0 %

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reactions known.

10.2. Chemical stability

The product is stable at normal handling and storage conditions.

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

Keep away from incompatible materials. Avoid creating or spreading dust.

10.5. Incompatible materials

Strong bases. Strong oxidizers.

10.6. Hazardous decomposition products

Thermal decomposition generates : Carbon dioxide. Carbon monoxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	:	Oral: Not classified.
Acute toxicity (dermal)	:	Not classified
Acute toxicity (inhalation)	:	Not classified

Unknown acute toxicity (GHS US)	5.83% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral) 5.83% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal) 5.83% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist))

salicylanilide (87-17-2)	
LD50 oral rat	2400 mg/kg
ATE US (oral)	2400 mg/kg bodyweight

Iron oxide red (1309-37-1)	
LD50 oral rat	> 10000 mg/kg
LD50 dermal rat	5500 mg/kg
LC50 inhalation rat (mg/l)	5.05 mg/l/4h
ATE US (dermal)	5500 mg/kg bodyweight
ATE US (vapours)	5.05 mg/l/4h
ATE US (dust,mist)	5.05 mg/l/4h

hymecromone (90-33-5)	
LD50 oral rat	3850 mg/kg
ATE US (oral)	3850 mg/kg bodyweight

lithium carbonate (554-13-2)	
LD50 oral rat	525 mg/kg
LD50 dermal rabbit	> 3000 mg/kg
LC50 inhalation rat (mg/l)	> 2 mg/l/4h
ATE US (oral)	525 mg/kg bodyweight

butyl 4-hydroxybenzoate (94-26-8)	
LD50 oral rat	13200 mg/kg
ATE US (oral)	13200 mg/kg bodyweight

benzil (134-81-6)	
LD50 oral rat	> 3000 mg/kg

Skin corrosion/irritation : Causes skin irritation.

Serious eye damage/irritation : Causes serious eye irritation.

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Iron oxide red (1309-37-1)	
IARC group	3 - Not classifiable

Reproductive toxicity : Not classified

STOT-single exposure : May cause respiratory irritation.

salicylanilide (87-17-2)	
STOT-single exposure	May cause respiratory irritation.

hymecromone (90-33-5)	
STOT-single exposure	May cause respiratory irritation.

potassium molybdate (13446-49-6)	
STOT-single exposure	May cause respiratory irritation.

dilithium molybdate (13568-40-6)	
STOT-single exposure	May cause respiratory irritation.

butyl 4-hydroxybenzoate (94-26-8)	
STOT-single exposure	May cause respiratory irritation.

benzil (134-81-6)	
STOT-single exposure	May cause respiratory irritation.

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

Viscosity, kinematic : No data available

Likely routes of exposure : Inhalation. Skin and eye contact.

Symptoms/effects after inhalation : May cause respiratory irritation.

Symptoms/effects after skin contact : Causes skin irritation.

Symptoms/effects after eye contact : Causes serious eye irritation.

SECTION 12: Ecological information

12.1. Toxicity

Iron oxide red (1309-37-1)	
EC50 Daphnia 1	> 100 mg/l

lithium carbonate (554-13-2)	
LC50 fish 1	30.3 mg/l 96 h
EC50 Daphnia 1	33.2 mg/l 48 h

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Disposal methods

Sewage disposal recommendations : Do not dispose of waste into sewer.

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Not regulated.

Transportation of Dangerous Goods

Not regulated.

Transport by sea

Not regulated.

Air transport

Not regulated.

SECTION 15: Regulatory information

15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

15.2. International regulations

CANADA

salicylanilide (87-17-2)
Listed on the Canadian DSL (Domestic Substances List) inventory.

Iron oxide red (1309-37-1)
Listed on the Canadian DSL (Domestic Substances List) inventory.

hymecromone (90-33-5)
Listed on the Canadian DSL (Domestic Substances List) inventory.

potassium molybdate (13446-49-6)
Listed on the Canadian NDSL (Non-Domestic Substances List)

dilithium molybdate (13568-40-6)
Listed on the Canadian NDSL (Non-Domestic Substances List)

lithium carbonate (554-13-2)
Listed on the Canadian DSL (Domestic Substances List) inventory.

butyl 4-hydroxybenzoate (94-26-8)
Listed on the Canadian DSL (Domestic Substances List) inventory.

benzil (134-81-6)
Listed on the Canadian DSL (Domestic Substances List) inventory.

EU-Regulations

salicylanilide (87-17-2)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Iron oxide red (1309-37-1)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

hymecromone (90-33-5)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

potassium molybdate (13446-49-6)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

dilithium molybdate (13568-40-6)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

lithium carbonate (554-13-2)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

butyl 4-hydroxybenzoate (94-26-8)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

benzil (134-81-6)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

National regulations

Templstik® 266 °F (130 °C), 269 °F (132 °C), 344 °F (173 °C), 356 °F (180 °C), 363 °F (184 °C), 750 °F (399 °C), 1300 °F (704 °C), 140 °F (60 °C), 194 °F (90 °C), 752 °F (400 °C), 1292 °F (700 °C)
All components are listed on the EEC inventory European Inventory of Existing Commercial Chemical Substances (EINECS). All ingredients are listed on the Canadian Domestic Substances List (DSL) or Non-Domestic Substances List (NDSL).

salicylanilide (87-17-2)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) Listed on NZIoC (New Zealand Inventory of Chemicals) Listed on the AICS (Australian Inventory of Chemical Substances) Listed on Taiwan National Chemical Inventory Listed on the Inventory of Existing Chemical Substances Produced or Imported in China (IECSC). Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory Listed on the Korean ECL (Existing Chemicals List)

Iron oxide red (1309-37-1)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on KECI (Korean Existing Chemicals Inventory) Listed on NZIoC (New Zealand Inventory of Chemicals) Listed on Taiwan National Chemical Inventory Listed on the AICS (Australian Inventory of Chemical Substances) Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

hymecromone (90-33-5)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) Listed on NZIoC (New Zealand Inventory of Chemicals) Listed on the AICS (Australian Inventory of Chemical Substances) Listed on Taiwan National Chemical Inventory Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory Listed on the Korean ECL (Existing Chemicals List) Not listed on the Inventory of Existing Chemical Substances of China (IECSC).

potassium molybdate (13446-49-6)
Listed on NZIoC (New Zealand Inventory of Chemicals) Listed on the AICS (Australian Inventory of Chemical Substances) Listed on Taiwan National Chemical Inventory Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory Listed on the Korean ECL (Existing Chemicals List) Listed on the Inventory of Existing Chemical Substances Produced or Imported in China (IECSC). Not listed on Phillipines Inventory of Chemicals and Chemical Substances (PICCS)

dilithium molybdate (13568-40-6)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) Listed on Taiwan National Chemical Inventory Listed on the Inventory of Existing Chemical Substances Produced or Imported in China (IECSC). Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory Listed on the Korean ECL (Existing Chemicals List) Not listed on the AICS (Australian Inventory of Chemical Substances) Not listed on New Zealand - Inventory of Chemicals (NZIoC).

lithium carbonate (554-13-2)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) Listed on NZIoC (New Zealand Inventory of Chemicals) Listed on the AICS (Australian Inventory of Chemical Substances) Listed on Taiwan National Chemical Inventory Listed on the Inventory of Existing Chemical Substances Produced or Imported in China (IECSC). Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory Listed on the Korean ECL (Existing Chemicals List)

butyl 4-hydroxybenzoate (94-26-8)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) Listed on NZIoC (New Zealand Inventory of Chemicals) Listed on the AICS (Australian Inventory of Chemical Substances) Listed on Taiwan National Chemical Inventory Listed on the Inventory of Existing Chemical Substances Produced or Imported in China (IECSC). Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory Listed on the Korean ECL (Existing Chemicals List)

benzil (134-81-6)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) Listed on NZIoC (New Zealand Inventory of Chemicals) Listed on the AICS (Australian Inventory of Chemical Substances) Listed on Taiwan National Chemical Inventory Listed on the Korean ECL (Existing Chemicals List) Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory Listed on the Inventory of Existing Chemical Substances Produced or Imported in China (IECSC).

15.3. US State regulations

⚠ **WARNING:** This product can expose you to 1-[(2,4-dinitrophenyl)azo]-2-naphthol C.I. Pigment Orange 5, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Component	Carcinogenicity	Developmental toxicity	Reproductive toxicity male	Reproductive toxicity female	No significant risk level (NSRL)	Maximum allowable dose level (MADL)
1-[(2,4-dinitrophenyl)azo]-2-naphthol C.I. Pigment Orange 5(3468-63-1)	X					
lithium carbonate(554-13-2)	X					
Silicon dioxide (cristobalite)(14808-60-7)	X					
Cobalt(7440-48-4)	X					

Component	State or local regulations
Iron oxide red(1309-37-1)	U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - New York - Reporting of Releases Part 597 - List of Hazardous Substances
lithium carbonate(554-13-2)	U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Delaware - Pollutant Discharge Requirements - Reportable Quantities

SECTION 16: Other information

Revision date : 07/19/2018

Data sources : ACGIH 2000. Canadian Centre for Occupational Health and Safety. Accessed at: http://www.ccohs.ca/oshanswers/legisl/whmis_classifi.html. ESIS (European chemincal Substances Information System; accessed at: http://esis.jrc.ec.europa.eu/index.php?PGM=cla. 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. REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006. TSCA Chemical Substance Inventory. Accessed at http://www.epa.gov/oppt/existingchemicals/pubs/tscainventory/howto.html.

Other information : None.

Full text of H-statements:

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Eye Irrit. 2A	Serious eye damage/eye irritation, Category 2A
Skin Irrit. 2	Skin corrosion/irritation, 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.
H411	Toxic to aquatic life with long lasting effects.

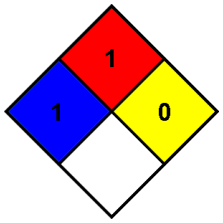
Abbreviations and acronyms:

	ACGIH (American Conference of Government Industrial Hygienists)
	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
	PBT: Persistent, Bioaccumulative, Toxic
	PNEC: Predicted No Effect Level
	STEL: Short Term Exposure Limits
	TSCA: Toxic Substances Control Act
	TWA: Time Weighted Average

NFPA health hazard : 1 - Materials that, under emergency conditions, can cause significant irritation.

NFPA fire hazard : 1 - Materials that must be preheated before ignition can occur.

NFPA reactivity : 0 - Normally stable, even under fire exposure conditions, and not reactive with water.



Indication of changes:
Regulatory information.

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