

## SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

### 1.1 Product identifier

**Product name:** Goodway CoilShine® Concentrate

**Product code(s):** CoilShine Concentrate

**Synonyms:** Aqueous cleaning solution

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**General use:** Foaming alkaline coil cleaner

**Uses advised against:** No uses advised against

### 1.3 Details of the supplier and of the safety data sheet

**Manufacturer/Distributor**

Goodway Technologies Corp.

420 West Avenue

Stamford, CT 06902 USA

+1-203-359-4708; Toll free: +1-800-243-7932

### 1.4 Emergency telephone number: Chemtrec (24 hours) +1-800-424-9300

## SECTION 2 - HAZARDS IDENTIFICATION

### 2.1 Classification of substance or mixture

**Product definition:** Mixture

**Classification in accordance with 29 CFR 1910 (OSHA HCS) and Regulation EC No. 1272/2008**

Skin corrosion - Category 1A [H314]

### 2.2 Label Elements

**Hazard Symbol(s):**



GHS05

**Signal Word:**

Danger

**Hazard Statement(s):**

H314 - Causes severe skin burns and eye damage

**Precautionary Statements**

**[Prevention]**

P260 - Do not breathe dust or vapor.

P264 - Wash hands and other skin areas exposed to material thoroughly after handling.

P280 - Wear protective gloves, protective clothing, eye protection and face protection.

**[Response]**

P301 + P330 + P331 + P310 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a Poison Center or doctor.

P303 + P361 + P350 - IF ON SKIN: Remove immediately all contaminated clothing. Rinse skin with water or shower.

P304 + P340 + P310 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor.

P305 + P351 + P338 + P310 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON Center or doctor.

P363 - Wash contaminated clothing before reuse.

P321 - Specific treatment: Contact a Poison Center or doctor. Refer to Section 4 of this SDS.

**[Storage]**

P405 - Store locked up.

**[Disposal]**

P501 - Dispose of contents and containers in accordance with national and local regulations.

### 2.3 Hazards not otherwise classified (HNOC) or not covered by GHS

Repeated exposure may cause skin dryness or cracking

## SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

Not applicable

### 3.2 Mixtures

% by Weight	Ingredient	CAS Number	EC Number	Index Number	GHS Classification
3 - 10	Tetrapotassium Pyrophosphate	7320-34-5	230-785-7	-----	H319
<10	2-Butoxyethanol	111-76-2	203-905-0	603-014-00-0	H227, H302, H312, H315, H319, H332
<5	Trisodium Orthophosphate	7601-54-9	231-509-8	-----	H315, H318, H335
<1	Potassium Hydroxide	1310-58-3	215-181-3	019-002-00-8	H302, H314

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to the health or the environment and hence require reporting in this section.

## SECTION 4 - FIRST AID MEASURES

### 4.1 Description of first aid measures

**Inhalation:** If product mist causes respiratory irritation or distress, move the exposed person to fresh air immediately. If breathing is difficult or irregular, administer oxygen; if respiratory arrest occurs, start artificial respiration by trained personnel. Loosen tight clothing such as a collar, tie, belt or waistband. If symptoms persist, seek medical attention immediately.

**Eyes:** Immediately flush eyes with large amounts of water or saline solution for at least 15 minutes, occasionally lifting the upper and lower lids. Remove contact lenses, if present and easy to do, after first 2 minutes and continue rinsing. Seek immediate medical attention, preferably from an ophthalmologist.

**Skin:** Flush skin with large amounts of water while removing contaminated clothing. Wash the affected area with soap and water followed by thorough rinsing. Wash contaminated clothing reuse. Discard contaminated shoes. If irritation persists or chemical burns occur, seek medical attention.

**Ingestion:** Rinse mouth with water if the victim is conscious. Remove dentures, if present. DO NOT induce vomiting unless directed to do so by medical personnel. Vomiting may occur spontaneously. To prevent aspiration of material into the lungs, lay the victim on one side with the head lower than the waist. Never give anything by mouth to an unconscious or convulsing person. Do not leave the victim unattended. Seek immediate medical attention.

### 4.2 Most important symptoms and effects, both acute and delayed

#### Potential health symptoms and effects

**Eyes:** Causes burns and serious eye damage. Symptoms may include redness, swelling, pain, tearing, burns, blurred vision, corneal clouding, permanent eye damage and possible blindness. Mist or vapor can cause severe eye irritation and eye damage.

**Skin:** Causes severe skin irritation and burns. May be harmful if absorbed through the skin. Prolonged and repeated contact with unprotected skin may cause defatting of the skin and dermatitis. Harmful if absorbed through the skin.

**Inhalation:** Inhalation of mist or spray may cause irritation of the upper respiratory tract.

**Inhalation:** Harmful if swallowed. Causes burns to the lips, mouth, throat and gastrointestinal tract. May cause severe and permanent damage to the digestive tract. Causes severe pain, nausea, vomiting, diarrhea and shock.

**Chronic:** Individuals with pre-existing skin conditions and respiratory disorders may be more susceptible to the effects of this product. Prolonged or repeated skin contact may cause defatting of the skin and dermatitis or aggravate existing skin conditions. 2-Butoxyethanol is a known animal carcinogen. Refer to Section 11.2.

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

**Advice to doctor and hospital personnel:** Treat symptomatically and supportively.

## SECTION 5 - FIRE FIGHTING MEASURES

### 5.1 Extinguishable media

**Suitable methods of extinction:** Use extinguishing media suitable for the surrounding fire.

**Unsuitable methods of extinction:** None known

### 5.2 Special hazards arising from the substance or mixture

Closed containers may rupture due to the buildup of pressure when exposed to extreme heat. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent or may be delayed. Obtain medical attention.

**Explosion hazards:** Not considered to be an explosion hazard.

### 5.3 Advice for firefighters

Full protective equipment including self-contained breathing apparatus should be used. Water may be used to cool closed containers to prevent pressure buildup and possible autoignition or explosion when exposed to extreme heat. If possible, firefighters should control runoff water to prevent environmental contamination.

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

Evacuate non-essential personnel. Wear appropriate protective clothing and equipment designated in Section 8.2. Ventilate the area. Remove all sources of ignition. No smoking. Clean up spills immediately. Spill creates a slip hazard.

### 6.2 Environmental precautions

Avoid dispersal of spilled material or runoff and prevent contact with soil and entry into drains, sewers or waterways.

### 6.3 Methods and materials for containment and cleaning up

Approach spill from upwind direction. Cover drains and contain spill. Cover spill with a large quantity of inert absorbent. Do not use combustible material such as sawdust. Collect material and place into an approved container for proper disposal. Observe possible material restrictions (Sections 7.2 and 10.5). Do not allow material or runoff from rinsing contaminated areas to enter floor drains or storm drains and ditches that lead to waterways. Dispose of via a licensed waste disposal contractor.

### 6.4 Reference to other sections

For indications about waste treatment, see Section 13.

## SECTION 7 - HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Wear all appropriate personal protective equipment specified in Section 8.2. Do not get in eyes or on skin or clothing. Do not inhale mist or vapor. No smoking. If normal use of material presents a respiratory hazard, use only adequate ventilation or wear an appropriate respirator. Wash contaminated clothing thoroughly before reuse. Discard contaminated shoes.

#### Advice on protection against fire and explosion

This product is not expected to be a fire or explosion hazard.

## 7.2 Conditions for safe storage, including any incompatibilities

Store in dry, cool, well-ventilated areas away incompatible materials (see Section 10.5), food and drink. Transfer only to approved containers having correct labeling. Keep containers tightly closed when not in use. Protect containers against physical damage. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Containers are hazardous when empty as they contain product residues. Use appropriate containment to avoid environmental contamination. Ventilate closed areas. Do not take internally. Keep out of reach of children.

## 7.3 Specific end uses

Apart from the uses mentioned in Section 1.2, no other specific uses are stipulated.

# SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

## 8.1 Control parameters

### Occupational exposure limit values

CAS Number	Ingredient	OSHA PEL - TWA	ACGIH TLV	NIOSH
111-76-2	2-Butoxyethanol	50 ppm, 240 mg/m <sup>3</sup> TWA; Skin	20 ppm, 97 mg/m <sup>3</sup> TWA; Skin	5 ppm, 24 mg/m <sup>3</sup> TWA; Skin; 700 ppm IDLH
1310-58-3	Potassium Hydroxide	-----	2 mg/m <sup>3</sup> , Ceiling	2 mg/m <sup>3</sup> , Ceiling

A "skin" notation following the inhalation exposure guideline refers to the potential for dermal absorption of the material, including eyes and mucous membranes, either by direct contact with vapors or by direct skin contact. It is intended to alert the reader that inhalation may not be the only route of exposure and that measures to minimize dermal exposure should be considered.

## 8.2 Exposure controls

**Engineering measures:** Technical measures and appropriate working operations should be given priority over the use of personal protective equipment. Use adequate ventilation. Local exhaust is preferable. Refer to See Section 7.1.

**Individual protection measures:** Wear protective clothing to prevent repeated or prolonged contact with product. Protective clothing needs to be selected specifically for the workplace, depending on concentrations and quantities of hazardous substances handled. The chemical resistance of the protective equipment should be enquired at the representative supplier.

**Hygiene measures:** Facilities storing or using this material should be equipped with an eyewash station and safety shower. Change contaminated clothing. Preventive skin protection is recommended. Wash hands thoroughly after use, before eating, drinking, smoking or using the lavatory.

**Eye/face protection:** Wear protective goggles or safety glasses with unperforated side shields and a face shield during use. Refer to 29 CFR 1910.133, ANSI Z87.1 or European Standard EN 166.

**Hand protection:** Wear rubber gloves or gloves recommended by glove supplier for protection against materials in Section 3. Gloves should be impermeable to chemicals and oil. Breakthrough time of selected gloves must be greater than the intended use period.

**Other protective equipment:** Wear protective clothing. Wear protective boots if the situation requires.

**Respiratory protection:** None required with normal use. Always use an approved respirator when vapor/aerosols are generated. Where risk assessment shows air-purifying respirators are appropriate use a half-mask respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Environmental exposure controls:** Do not empty into drains.

PPE must not be considered a long-term solution to exposure control. PPE usage must be accompanied by employer programs to properly select, maintain, clean fit and use. Consult a competent industrial hygiene resource to determine hazard potential and/or the PPE manufacturers to ensure adequate protection.



Splash Goggles



Gloves



Protective Apron

# SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

## 9.1 Information on basic physical and chemical properties

Appearance	Clear, light purple liquid
Odor	Lemon/butyl scent
Odor Threshold	No data available
Molecular Weight	Not applicable
Chemical Formula	Not applicable
pH	12.5 - 13.5 @ 20 °C
Freezing/Melting Point	<0 °C (<32 °F)
Initial Boiling Point	100 °C (212 °F)
Evaporation Rate	No data available
Flammability (solid, gas)	Not applicable
Flash Point	No data available
Autoignition Temperature	No data available
Decomposition Temperature	No data available
Lower Explosive Limit (LEL)	No data available
Upper Explosive Limit (UEL)	No data available
Vapor Pressure	No data available
Vapor Density	No data available
Specific Gravity	1.088
Viscosity	No data available
Solubility in Water	Dispersible
Partition Coefficient: n-octanol/water	No data available

**Oxidizing Properties**  
**Explosive Properties**  
**Volatiles by Weight @ 20 °C**

Not applicable  
Not applicable  
>80%

## 9.2 Other data

No data available

## SECTION 10 - STABILITY AND REACTIVITY

### 10.1 Reactivity

No special reactivity has been reported under normal use and handling.

### 10.2 Chemical stability

Stable under recommended storage conditions.

### 10.3 Possibility of hazardous reactions

Hazardous polymerization will not occur.

### 10.4 Conditions to avoid

Temperature extremes; contact with incompatible materials

### 10.5 Incompatible materials

Strong oxidizing agents, acids, bases

### 10.6 Hazardous decomposition products

Thermal decomposition products include oxides of carbon, potassium oxides, oxides of phosphorus and sodium oxides

## SECTION 11 - TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### Acute oral toxicity

Product is expected to have low acute oral toxicity.

#### Acute inhalation toxicity

Product is expected to have low acute inhalation toxicity.

#### Acute dermal toxicity

Product is expected to have low acute dermal toxicity.

#### Skin irritation

Causes severe skin irritation and burns

#### Eye irritation

Causes serious eye damage.

#### Sensitization

No data available

#### Genotoxicity in vitro

No data available

#### Mutagenicity

No data available

#### Specific organ toxicity - single exposure

No data available

#### Specific organ toxicity - repeated exposure

No data available

#### Aspiration hazard

No data available

### 11.2 Further information

2-Butoxyethanol (CAS #111-76-2): IARC Group 3 carcinogen - *Not classifiable as to its carcinogenicity to humans*. Not listed as a carcinogen by ACGIH, NTP or OSHA. In long-term animal studies with 2-butoxyethanol, small but statistically significant increases in tumors were observed in mice but not rats. The effects are not believed to be relevant to humans.

In animals, hemolysis (red blood cell breakage) and secondary effects to the kidneys and liver have been reported. Human red blood cells have been shown to be significantly less sensitive to hemolysis than those of rodents and rabbits. 2-Butoxyethanol inhalation exposure in laboratory animals has been found to reduce body weight gain and food consumption in addition to hemolysis. After exposure was discontinued, these effects in animals disappeared. Adverse reproductive or birth effects were not reported in animals except when exposures were high enough to cause significant maternal toxicity.

No data is available regarding the mutagenicity or teratogenicity of this product, nor is there any available data that indicates it causes adverse developmental or fertility effects.

Handle in accordance with good industrial hygiene and safety practice.

## SECTION 12 - ECOLOGICAL INFORMATION

### 12.1 Toxicity

Large discharges of this product to the environment may decrease the pH of aquatic systems to a value <2, which may be fatal to aquatic life and soil micro-organisms. Phosphates may persist indefinitely or incorporate into biological systems.

### 12.2 Persistence and degradability

The organic components in this product are readily biodegradable. Inorganic substances are not biodegradable. Methods for the determination of biodegradability are not applicable to inorganic substances.

### 12.3 Bioaccumulation potential

Material is not expected to bioaccumulate.

### 12.4 Mobility

This product is expected to have high mobility in soil.

### 12.5 Results of PBT and vPvB assessment

No data available

### 12.6 Other adverse effects

#### Additional ecological information

Do not allow material to enter into surface waters, wastewater or soil.

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

## SECTION 13 - DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

**Methods of disposal:** The generation of waste should be avoided or minimized whenever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

**RCRA P-Series:** No listings above the reportable threshold (de minimis)

**RCRA U-Series:** No listings above the reportable threshold (de minimis)

## SECTION 14 - TRANSPORT INFORMATION

**Note:** Transportation information provided is for reference only. Customer is urged to consult 49 CFR 100 - 177, IMDG, IATA, EC, United Nations TDG and WHMIS (Canada) TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods of shipping.

**In accordance with 49 CFR 173.154 this material is not regulated for transport when inner packagings do not exceed 5.0 L (1.3 gallons) net capacity each for liquids and is packed in strong outer packaging.**

#### US DOT (Domestic Ground Transportation)

**Proper Shipping Name:** Corrosive liquid, n.o.s. (Potassium Hydroxide, Trisodium Orthophosphate)  
**Hazard Class:** 8  
**UN/NA:** UN1760  
**Packing Group:** III  
**NAERG:** Guide #154  
**Packaging Authorization:** Non-Bulk: 49 CFR 173.203; Bulk: 173.241  
**Packaging Exceptions:** 49 CFR 173.154

#### IMO/IMDG (Water Transportation)

**Proper Shipping Name:** Corrosive liquid, n.o.s. (Potassium Hydroxide, Trisodium Orthophosphate)  
**Hazard Class:** 8  
**UN/NA:** UN1760  
**Packing Group:** III  
**Marine Pollutant:** No  
**EMS Number:** F-A, S-B

#### ICAO/IATA (Air Transportation)

**Proper Shipping Name:** Corrosive liquid, n.o.s. (Potassium Hydroxide, Trisodium Orthophosphate)  
**Hazard Class:** 8  
**UN/NA:** UN1760  
**Packing Group:** III  
**Quantity Limitations:** 49 CFR 175.27 and 175.75 - Cargo Aircraft Only: 60 l; Passenger Aircraft: 5 l

#### RID/ADR (Rail Transportation)

**Proper Shipping Name:** Corrosive liquid, n.o.s. (Potassium Hydroxide, Trisodium Orthophosphate)  
**Hazard Class:** 8  
**UN/NA:** UN1760  
**Packing Group:** III



## SECTION 15 - REGULATORY INFORMATION

### 15.1 Safety, health and environmental regulations/legislation specific for substance or mixture

#### U. S. Federal Regulations

**OSHA Hazard Communication Standard:** This material is classified as hazardous in accordance with OSHA 29 CFR 1910.1200.

**OSHA Process Safety Management Standard:** This product is not regulated under OSHA PSM Standard 29 CFR 1910.119.

**EPA Risk Management Planning Standard:** This product is not regulated under EPA RMP Standard (RMP) 40 CFR Part 68.

**EPA Risk Management Planning Standard:** This product is not regulated under EPA RMP Standard (RMP) 40 CFR Part 68.

**EPA Federal Insecticide, Fungicide and Rodenticide Act:** This product is not a registered Pesticide under the FIFRA, 40 CFR Part 150.

**Toxic Substance Control Act (TSCA) Inventory:** All components of this product are listed on the TSCA Inventory. This product is subject to TSCA 12(b) Export Notification.

**Drug Enforcement Administration (DEA) List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.4(f)(2) and Chemical Code Number**  
Not listed

**Drug Enforcement Administration (DEA) Lists 1 & 2, Exempt Chemical Mixtures (21 CFR 1310.12(c)) and Code Number**

Not listed

**Department of Homeland Security (DHS) Chemical Facility Anti-Terrorism Standards (CFATS) Chemicals**

Not listed

**Superfund Amendments and Reauthorization Act (SARA)**

**SARA 313 Information:** None of the chemicals in this product are subject to reporting requirements of Section 313 of the Emergency Planning and Community Right-to Know Act of 1986.

**SARA Section 311/312 Hazard Categories:** Acute Health Hazard, Chronic Health Hazard

**SARA 302/304 Extremely Hazardous Substance:** None of the chemicals in this product are subject to reporting requirements of these sections of Title III of SARA.

**SARA 302/304 Emergency Planning & Notification:** None of the chemicals in this product are subject to reporting requirements of these sections of Title III of SARA.

**Comprehensive Response Compensation and Liability Act (CERCLA):** This product contains the following CERCLA reportable substances:

Potassium Hydroxide (CAS #1310-58-3), RQ - 454 kg (1,000 lbs)

Trisodium Orthophosphate (CAS #7601-54-9), RQ - 2,268 kg (5,000 lbs)

**Clean Air Act (CAA)**

This product does not contain any Hazardous Air Pollutants (HAPs) designated in CAA Section 112 (b).

This product does not contain any Class 1 Ozone depleters.

This product does not contain any Class 2 Ozone depleters.

**Clean Water Act (CWA)**

Trisodium Orthophosphate and Potassium Hydroxide are listed as a Hazardous Substance under the CWA.

None of the chemicals in this product are listed as Priority Pollutants under the CWA.

None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

**U.S. State Regulations****California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986**

This product contains no chemical(s) known to the state of California to cause cancer birth defects or reproductive harm in concentrations that exceed the threshold (de minimis) reporting levels established under Proposition 65

**Other U.S. State Inventories**

Trisodium Orthophosphate (CAS #7601-54-9) is listed on the following State Hazardous Substance Inventories, Right-to-Know lists and/or Air Quality/Air Pollutants lists: CA, DE, MN, NJ, PA.

2-Butoxyethanol (CAS #111-76-2) is listed on the following State Hazardous Substance Inventories, Right-to-Know lists and/or Air Quality/ Air Pollutants lists: CA, ID, MA, MN, NJ, PA, RI, WA, WI.

Potassium Hydroxide (CAS #1310-548-3) is listed on the following State Hazardous Substance Inventories, Right-to-Know lists and/or Air Quality/Air Pollutants lists: CA, DE, ID, MA, NJ, NY, PA, RI, WA, WI.

Sodium Xylene Sulfonate (CAS #1300-72-7) is listed on the following State Hazardous Substance Inventories, Right-to-Know lists and/or Air Quality/Air Pollutants lists: MA, NJ, PA.

**Canada**

**WHMIS Hazard Classification:** Causes severe skin burns and eye damage

**Canadian National Pollutant Release Inventory (NPRI):** 2-Butoxyethanol (CAS #111-76-2) is listed on the NPRI.

**European Economic Community**

**WGK, Germany (Water danger/protection):** 1 (low hazard to waters)

**Global Chemical Inventory Lists**

Country	Inventory Name	Inventory Listing*
Canada	Domestic Substance List (DSL)	Yes
Canada	Non-Domestic Substance List (NDSL)	No
Europe	Inventory of New and Existing Chemicals (EINECS)	Yes
United States	Toxic Substance Control Act (TSCA)	Yes
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
New Zealand	New Zealand Inventory of Chemicals (NZIoC)	Yes
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (KECL)	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes

\*Yes - All components of this product are in compliance with the inventory requirements administered by the governing country.

No - One or more components of this product are not on the inventory or are exempt from listing.

**15.2 Chemical safety assessment**

For this product a chemical safety assessment was not carried out.

**SECTION 16 - OTHER INFORMATION****Hazardous Material Information System (HMIS)**

Health	3
Flammability	0
Physical Hazard	0
Personal Protection	C

C = safety glasses, gloves and an apron

**HMIS Hazard Rating Legend**

0 = Minimal 1 = Slight 2 = Moderate 3 = Serious  
4 = Severe \* = Chronic Health Hazard

**NFPA Hazard Rating Legend**

0 = Insignificant 1 = Slight 2 = Moderate  
3 = High 4 = Extreme

**National Fire Protection Association (NFPA)****Flammability**



### Full text of GHS Hazard Phrases referenced in Section 3 (not covered in Section 2)

H314 - Causes severe skin burns and eye damage

H318 - Causes serious eye damage

H335 - May cause respiratory irritation

H400 - Very toxic to aquatic life

### Abbreviation Key

<b>ACGIH</b>	American Conference of Governmental Industrial Hygienists
<b>ADR</b>	Accord Dangereux Routier (European regulations concerning the international transport of dangerous goods by road)
<b>CAS</b>	Chemical Abstract Services
<b>CFR</b>	Code of Federal Regulations
<b>DOT</b>	Department of Transportation
<b>EMS Guide</b>	Emergency Response Procedures for Ships Carrying Dangerous Goods
<b>EPA</b>	Environmental Protection Agency
<b>ERG</b>	Emergency Response Guide Book
<b>FDA</b>	Food and Drug Administration
<b>GHS</b>	Globally Harmonized System of Classification and Labelling of Chemicals (GHS)
<b>HCS</b>	Hazard Communication Standard
<b>IARC</b>	International Agency for Research on Cancer
<b>IATA</b>	International Air Transport Association
<b>ICAO</b>	International Civil Aviation Organization
<b>IDLH</b>	Immediately Dangerous to Life and Health
<b>IMDG</b>	International Maritime Dangerous Goods
<b>IMO</b>	International Maritime Organization
<b>mppcf</b>	Millions of Particles Per Cubic Foot
<b>NA</b>	North America
<b>NAERG</b>	North American Emergency Response Guide Book
<b>NIOSH</b>	National Institute for Occupational Safety
<b>NTP</b>	National Toxicology Program
<b>OSHA</b>	Occupational Safety and Health Administration
<b>PBT</b>	Persistent, Bioaccumulating and Toxic
<b>PEL</b>	Permissible Exposure Limit
<b>PMCC</b>	Pensky-Martens Closed Cup
<b>ppm</b>	Parts Per Million
<b>RCRA</b>	Resource Conservation and Recovery Act
<b>RID</b>	Dangerous Goods by Rail
<b>RQ</b>	Reportable Quantity
<b>TCC/Tag</b>	Tagliabue Closed Cup
<b>TLV</b>	Threshold Limit Value
<b>TSCA</b>	Toxic Substance Control Act
<b>TWA</b>	Time-Weighted Average
<b>UN</b>	United Nations
<b>VOC</b>	Volatile Organic Compounds
<b>vPvB</b>	Very Persistent and Very Bioaccumulating
<b>WHMIS</b>	

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