



# SAFETY DATA SHEET

## 1. Identification of the chemical and information about the manufacturer or supplier

**Important information** \*\*\* This Safety Data Sheet is only authorised for use by HP for HP Original products. Any unauthorised use of this Safety Data Sheet is strictly prohibited and may result in legal action being taken by HP. \*\*\*

### 1.1 Identification of the chemical products

**1.1.1 Technical name** CP830Series

### Other means of identification

**Synonyms** HP HDR250 Yellow Scitex Ink Cartridge

### 1.1.2 Recommended use of the chemical and restrictions on use

**Recommended use** Inkjet printing

**Limitations on use** None known.

### 1.2 Manufacturer/Importer/Supplier/Distributor information

#### 1.2.1 Manufacturer

HP Inc. Limited Liability Company  
Highway Leningradskoe, House 16A, Building 3,  
125171, Moscow  
Russian Federation

**Telephone** 8 (499) 921-32-50

#### HP Inc. health effects line

**(Toll-free within the US)** 1-800-457-4209

**(Direct)** 1-760-710-0048

#### HP Inc. Customer Care Line

**(Toll-free within the US)** 1-800-474-6836

**(Direct)** 1-208-323-2551

**Email:** [hpcustomer.inquiries@hp.com](mailto:hpcustomer.inquiries@hp.com)

## 2. Hazard(s) identification

### 2.1. Hazard identification of chemical product as a whole (classification according to GOST 12.1.007-76 and GHS)

**Classification according to GOST 12.1.007-76** Not available.

#### GHS classification

**Physical hazards** Not classified.

<b>Health hazards</b>	Acute toxicity, oral	Category 5
	Acute toxicity, dermal	Category 5
	Skin corrosion/irritation	Category 2
	Serious eye damage/eye irritation	Category 2A
	Reproductive toxicity (fertility, the unborn child)	Category 2
	Specific target organ toxicity, single exposure	Category 3 respiratory tract irritation
	Specific target organ toxicity, repeated exposure	Category 1
<b>Environmental hazards</b>	Hazardous to the aquatic environment, long-term hazard	Category 2

### 2.2 Labeling elements in compliance with GOST 31340-2013

**2.2.1 Signal word** Danger

#### 2.2.2 Symbols



#### 2.2.3 Hazard statement

H303 May be harmful if swallowed.

H313	May be harmful in contact with skin.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H317	May cause an allergic skin reaction.
H335	May cause respiratory irritation.
H361fd	Suspected of damaging fertility. Suspected of damaging the unborn child.
H411	Toxic to aquatic life with long lasting effects.
H372	Causes damage to organs (liver, respiratory system) through prolonged or repeated exposure.

## Precautionary statement

### Prevention

P280	Wear protective gloves/protective clothing/eye protection/face protection.
P260	Do not breathe dust/fume/gas/mist/vapors/spray.
P271	Use only outdoors or in a well-ventilated area.
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P270	Do not eat, drink or smoke when using this product.
P264	Wash hands thoroughly after handling.
P273	Avoid release to the environment.

### Response

P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313	If eye irritation persists: Get medical advice/attention.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.
P304 + P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P308 + P313	IF exposed or concerned: Get medical attention/advice.
P312	Call a POISON CENTER/doctor/physician if you feel unwell.
P391	Collect spillage.
P362	Take off contaminated clothing and wash before reuse.

### Storage

P403 + P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.

### Disposal

P501	Dispose of contents/container in accordance with local/regional/national/international regulations.
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## Other hazards

Potential routes of exposure to this product are skin and eye contact, ingestion, and inhalation.

## Supplemental information

None.

## 3. Composition/information on ingredients

### 3.1 Information on product as a whole

<b>3.1.1 Chemical name (IUPAC)</b>	CP830Series
<b>3.1.2 Chemical formula</b>	Not available.
<b>3.1.3 General description of the composition (taking into account the brand assortment; preparation method)</b>	Not available.

### 3.2 Components

#### Hygienic standards in the working area

Components	Concentration by weight (%)	MAC, mg/m <sup>3</sup>	TSEL, mg/m <sup>3</sup>	Hazard classification	CAS-No.	EC No.
2-phenoxyethyl acrylate	<30	None.	None.		48145-04-6	256-360-6
1-vinylhexahydro-2H-azepin-2-one	<25	None.	None.		2235-00-9	218-787-6
exo-1,7,7-trimethylbicyclo[2.2,1]hept-2-yl acrylate	<15	None.	None.		5888-33-5	227-561-6
Reaction mass of decyl acrylate and octyl acrylate	<10	None.	None.		Not available	911-295-9
2-propenoic acid, reaction products with pentaerythritol	<5	None.	None.		1245638-61-2	-

### Hygienic standards in the working area

Components	Concentration by weight (%)	MAC, mg/m <sup>3</sup>	TSEL, mg/m <sup>3</sup>	Hazard classification	CAS-No.	EC No.
2-Propenoic acid, reaction products with pentaerythritol and TDI	<5	None.	None.		68412-43-1	-
Diphenyl (2,4,6-trimethylbenzoyl) phosphine oxide	<5	None.	None.		75980-60-8	278-355-8
2-isopropyl-9H-thioxanthen-9-one	<2.5	None.	None.		5495-84-1	226-827-9
2-Propenoic acid-1,6-hexanediylester, polymer with disubstituted alkane	<2.5	None.	None.		67906-98-3	-
Butyl substituted ethyl acrylate	<2.5	None.	None.		Proprietary	-
2-propenoic Acid, Butyl Ester, Polymer With 4-ethenylpyridine, Ester With .alpha.-methyl-.omega.-hydroxypoly(oxy-1,2-ethanediyl)	<1	None.	None.		903899-40-1	-
Glycerol, propoxylated, esters with acrylic acid	<1	None.	None.		52408-84-1	500-114-5
Phenyl, Bis(2,4,6-trimethylbenzoyl)-phosphine oxide	<1	None.	None.		162881-26-7	423-340-5

## 4. First-aid measures

### 4.1. Observed symptoms

- |   |  |
|---|--|
| <b>4.1.1 In case of exposure via inhalation</b> | May cause irritation to the respiratory system.                  |
| <b>4.1.2 In contact with skin</b>               | Causes skin irritation. May cause sensitization by skin contact. |
| <b>4.1.3 In contact with eyes</b>               | Causes serious eye irritation.                                   |
| <b>4.1.4 In case of exposure via ingestion</b>  | Ingestion is not a likely route of exposure.                     |

### 4.2 First-aid measures to be provided to victims

- |   |   |
|---|---|
| <b>4.2.1 In case of exposure via inhalation</b> | Move to fresh air. If symptoms persist, get medical attention.  |
| <b>4.2.2 In contact with skin</b>               | Wash affected areas thoroughly with mild soap and water. If irritation persists get medical attention.  |
| <b>4.2.3 In contact with eyes</b>               | Do not rub eyes. Immediately flush with large amounts of clean, warm water (low pressure) for at least 15 minutes or until particles are removed. If irritation persists get medical attention. |
| <b>4.2.4 In case of exposure via ingestion</b>  | If the material is swallowed, get immediate medical attention or advice -- Do not induce vomiting. Never give anything by mouth to an unconscious person.                                       |
| <b>4.2.5 Contraindications</b>                  | Not available.  |

## 5. Fire-fighting and explosion safety measures and means

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|--|--|
| <b>5.1 General characteristics of fire-explosion properties</b>                          | Not available.   |
| <b>5.2 Fire-explosion indicators</b>   | Not available.   |
| <b>5.3 Combustion and/or thermal destruction products and hazards arising from these</b> | Not available.   |
| <b>5.4 Recommended extinguishing media</b>   | Dry powder. Carbon dioxide (CO <sub>2</sub> ). Water may be ineffective.                     |
| <b>5.5 Forbidden extinguishing media</b>   | Water may be ineffective. Do not use a solid water stream as it may scatter and spread fire. |
| <b>5.6 Special protective equipment for firefighters</b>                                 | Not available.   |

<b>5.7 Specific extinguishing methods</b>	Not available.
<b>Special fire fighting procedures</b>	Avoid runoff into storm sewers and ditches which lead to waterways.

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## 6. Accident and emergency prevention and response measures and their consequences

### 6.1 Measures to prevent harmful effects on people, environment, buildings, constructions, etc. in case of accidents and emergencies

<b>6.1.1 General required actions in case of an accident or emergency</b>	Wear appropriate personal protective equipment. Do not touch or walk through spilled material.
<b>6.1.2 Personal protection equipment in case of the accident</b>	Not available.

### 6.2 Procedures for the elimination of accidents and emergencies

<b>6.2.1 Procedures in case of leaks, spills, splashes</b>	Soak up with inert absorbent material. Dispose of in compliance with federal, state, and local regulations.
<b>6.2.2 Actions in case of fire</b>	Not available.

**Environmental precautions** Do not let product enter drains. Do not flush into surface water or sanitary sewer system. See also section 13 Disposal considerations.

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## 7. Storage and handling requirements of chemicals during loading and unloading

### 7.1 Safety precautions when handling chemical products

<b>7.1.1 Technical safety measures</b>	Not available.
<b>7.1.2 Environmental protection measures</b>	Not available.
<b>7.1.3 Recommended safe handling and transportation advice</b>	Avoid contact with skin, eyes and clothing.

### 7.2 Chemical storage requirements

<b>7.2.1 Terms and conditions for safe storage</b>	Not available.
<b>7.2.2 Packaging</b>	Not available.

**7.3 Safety measures and storage requirements at domestic use** Do not handle or store near an open flame, heat or other sources of ignition. Keep away from excessive heat or cold. Do not store in direct sunlight. Opaque, high density polyethylene (HDPE) containers are recommended for shipping and storage.

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## 8. Equipment for monitoring exposure and personal protective equipment

### 8.1 Parameters of the working area that require monitoring

**Occupational exposure limits** No exposure limits noted for ingredient(s).

**8.2 Measures to ensure the content of harmful substances in the working area below the exposure level concentration** Exposure limits have not been established for this product.

### 8.3 Worker personal protective equipment

<b>8.3.1 General recommendations</b>	Not available.
<b>8.3.2 Respiratory protection</b>	Provide adequate ventilation. In case of insufficient ventilation wear suitable respiratory equipment.
<b>8.3.3 Protective equipment</b>	
<b>Eye/face protection</b>	Wear safety glasses; chemical goggles (if splashing is possible). Eye wash fountain and emergency showers are recommended.
<b>Hand protection</b>	Recommended gloves: Nitrile 6 mil minimum thickness. Wear appropriate chemical resistant gloves.
<b>Other</b>	Wear appropriate chemical resistant clothing.
<b>Thermal hazards</b>	Not available.
<b>8.3.4 Personal protection equipment in case of domestic use</b>	Not applicable.

**General hygiene considerations**

Handle in accordance with good industrial hygiene and safety practice. Do not get this material in your eyes, on your skin, or on your clothing. When using, do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product. Launder contaminated clothing before reuse. Keep away from food and drink.

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**9. Physical and chemical properties****9.1 Physical appearance**

Physical state	Liquid.
Form	Liquid.
Color	Yellow

**Odor** Characteristic.

**Odor threshold** Not available.

**9.2 Parameters characterizing basic properties of the product**

**pH** 6.8 - 7.2 Metler Toledo pH Meter. Temperature 25°C

**Melting point/freezing point** Not available.

**Initial boiling point and boiling range** Not available.

**Flash point** > 230.0 °F (> 110.0 °C) Closed Cup EPA Method 1020

**Auto-ignition temperature** Not available.

**Decomposition temperature** Not available.

**Upper/lower flammability or explosive limits**

**Flammability limit - lower (%)** Not available.

**Flammability limit - upper (%)** Not available.

**Vapor pressure** Not available.

**Density** 0.93 g/cm<sup>3</sup>

**Viscosity** 12.5 - 13.5 cP Cone and Plate Rheometer, Temperature 50°C. C60/1° Sensor. Values recorded at 4000 1/s.

**Solubility(ies)**

**Solubility (water)** Not available.

**Partition coefficient (n-octanol/water)** Not available.

**Other data**

**VOC** 20 g/L Method 24/ASTM D5403-93

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**10. Stability and reactivity**

**10.1 Chemical stability** Stable under normal storage conditions.

**Hazardous decomposition products** Upon decomposition, this product may yield gaseous nitrogen oxides, carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

**10.2 Reactivity** Not available.

**10.3 Conditions to avoid** Exposure to sunlight.

**Possibility of hazardous reactions** Hazardous polymerization can occur with decreased inhibitor content.

**Incompatible materials** Incompatible with strong bases and oxidizing agents. alkaline metals

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**11. Toxicological information**

**11.1 General exposure characteristics** Not available.

**11.2 Routes of exposure** Not available.

**11.3 Affected/target organs, tissues and systems of humans**

**Specific target organ toxicity - single exposure** May cause irritation to the respiratory system.

**Specific target organ toxicity - repeated exposure** Causes damage to organs (liver, respiratory system) through prolonged or repeated exposure.

**11.4 Information on health hazards in case of direct exposure to the product and its effect**

**Effect on upper respiratory tract irritation** Not available.

<b>Respiratory or skin sensitization</b>	Not available.
<b>Respiratory sensitization</b>	Based on available data, the classification criteria are not met.
<b>Skin sensitization</b>	May cause sensitization by skin contact.
<b>Skin corrosion/irritation</b>	Causes skin irritation.
<b>Serious eye damage/eye irritation</b>	Causes serious eye irritation. Caused moderate irritation in rabbit (OECD 405).
<b>Aspiration hazard</b>	Based on available data, the classification criteria are not met.

#### 11.5 Information on long-term hazardous health effects

<b>Carcinogenicity</b>	Based on available data, the classification criteria are not met.
<b>Reproductive toxicity</b>	Suspected of damaging the unborn child. Suspected of damaging fertility.
<b>Mutagenicity</b>	Based on available data, the classification criteria are not met.
<b>Cumulativeness</b>	Not available.
<b>Chronic effects</b>	Not available.

#### 11.6 Acute toxicity data

May be harmful if swallowed. May be harmful in contact with skin.

Components	Species	Test Results
1-vinylhexahydro-2H-azepin-2-one (CAS 2235-00-9)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rabbit	1700 mg/kg
<b>Inhalation</b>		
LC50	Rat	> 1.6 mg/l
<b>Oral</b>		
LD50	Rat	1114 mg/kg
<b>Further information</b>	Complete toxicity data are not available for this specific formulation	

## 12. Environmental impact information

**Aquatic toxicity** Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. This product has not been tested for ecological effects.

**12.1 General description of the impact on the environment** Not available.

**12.2 Routes of exposure to environment** Not available.

#### 12.3 The most important characteristics of the environmental impact

**12.3.1 Hygienic standards** Not available.

#### 12.3.2 Ecotoxicity

Components	Species	Test Results	
2-phenoxyethyl acrylate (CAS 48145-04-6)			
<i>Acute</i>			
EC10	Desmodesmus subcapitatus	0.71 mg/l, 72 h (DIN 38412 L9)	
EC50	Desmodesmus subcapitatus	4.44 mg/l, 72 h (DIN 38412 L9)	
LC50	Leuciscus idus	10 mg/l, 96 h (DIN 38 412)	
NOEC	Desmodesmus subcapitatus	0.71 mg/l, 72 h (DIN 38412 L9)	
<b>Aquatic</b>			
<i>Acute</i>			
Crustacea	EC50	Daphnia magna	1.21 mg/l, 48 h (Directive CE 79/831/CEE, Annex V, Part C)
Diphenyl (2,4,6-trimethylbenzoyl) phosphine oxide (CAS 75980-60-8)			
<i>Acute</i>			
EC10	Pseudokirchneriella subcapitata	1.56 mg/l, 72 h (OECD 201)	
EC50	Pseudokirchneriella subcapitata	> 2.01 mg/l, 72 h (OECD 201)	
LC50	Cyprinus carpio	1.4 mg/l, 96 h (OECD 203)	
<b>Aquatic</b>			
<i>Acute</i>			
Crustacea	EC50	Daphnia magna	3.53 mg/l, 48 h (OECD 202)

Components	Species	Test Results
Phenyl, Bis(2,4,6-trimethylbenzoyl)-phosphine oxide (CAS 162881-26-7)		
<i>Acute</i>		
	EC50	Desmodesmus subspicatus > 260 µg/l, 72 h (OECD 201)
	LC50	Danio rerio > 90 µg/l, 96 h (OECD 203)
	NOEC	Desmodesmus subspicatus > 260 µg/l, 72 h (OECD 201)
<b>Aquatic</b>		
<i>Acute</i>		
Crustacea	EC50	Daphnia magna > 1175 µg/l, 48 h (OECD 202)
<i>Chronic</i>		
Crustacea	NOEC	Daphnia magna >= 8.1 µg/l, 21 d (OECD 211)
<b>12.3.3 Biomigration and transformation of the environment due to the biodegradation or other processes</b>		
<b>Persistence and degradability</b>	Not available.	
<b>Bioaccumulative potential</b>		
<b>Bioconcentration factor (BCF)</b>		
Diphenyl (2,4,6-trimethylbenzoyl) phosphine oxide	72, (JIS K 0102-1986, 71 - Kanpogyo No .S, Yakuhatsu No . 615, 49-Kikyoku No . 392, MITI/MHW Chemical Substance Control Law, Japan)	
Phenyl, Bis(2,4,6-trimethylbenzoyl)-phosphine oxide	5, (similar to OECD 305 C)	
<b>Mobility in soil</b>	Not available.	
<b>Other adverse effects</b>	Not available.	

### 13. Recommendations for waste (residues) disposal

<b>13.1 Safety precautions when handling the waste generated during use, storage, transportation</b>	Do not dispose of together with general office waste. Do not allow this material to drain into sewers/water supplies. Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations. Ensure collection and disposal with an appropriately licensed waste contractor.
<b>13.2 Information on the location and disposal methods, recycling or disposal of product waste, including packaging</b>	Not available.
<b>13.3 Recommendation on the waste disposal generated during its domestic use</b>	Not available.

### 14. Transport information

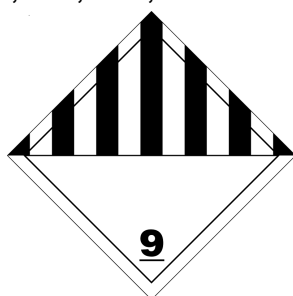
<b>DOT</b>	
<b>UN number</b>	UN3082
<b>UN proper shipping name</b>	Environmentally Hazardous Substance, Liquid, N.O.S. (Acrylates), MARINE POLLUTANT
<b>Transport hazard class(es)</b>	
<b>Class</b>	9
<b>Subsidiary risk</b>	-
<b>Packing group</b>	III
<b>Environmental hazards</b>	
<b>Marine pollutant</b>	Yes
<b>Special precautions for user</b>	Not available.
<b>DOT Supplemental Information</b>	DOT Classification only applies to shipments within the US and Puerto Rico.
<b>IATA</b>	
<b>UN number</b>	UN3082
<b>UN proper shipping name</b>	Environmentally Hazardous Substance, Liquid, N.O.S. (Acrylates)
<b>Transport hazard class(es)</b>	
<b>Class</b>	9
<b>Subsidiary risk</b>	-
<b>Packing group</b>	III
<b>Environmental hazards</b>	Yes
<b>Special precautions for user</b>	Not available.
<b>IMDG</b>	
<b>UN number</b>	UN3082
<b>UN proper shipping name</b>	Environmentally Hazardous Substance, Liquid, N.O.S. (Acrylates), MARINE POLLUTANT

**Transport hazard class(es)**  
**Class** 9  
**Subsidiary risk** -  
**Packing group** III  
**Transport hazard class(es)**  
**Marine pollutant** Yes  
**EmS** F-A, S-F  
**Special precautions for user** Not available.

**ADR**

**UN number** UN3082  
**UN proper shipping name** Environmentally Hazardous Substance, Liquid, N.O.S. (Acrylates)  
**Transport hazard class(es)**  
**Class** 9  
**Subsidiary risk** -  
**Hazard No. (ADR)** Not available.  
**Tunnel restriction code** Not available.  
**Packing group** III  
**Environmental hazards** Yes  
**Special precautions for user** Not available.

**ADR; DOT; IATA; IMDG**



**Marine pollutant**



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## 15. National and international regulatory information

### 15.1 National legislation

**15.1.1 Laws of the Russian Federation** Not available.

**15.1.2 Information about the documentation, regulatory requirements for the protection of human health and environment**

**Sanitary-Epidemiological Rules, 1.2.2353-08, Chemical substances, mixtures and products which are carcinogenic factors, 21 April 2008**

Not listed.

### 15.2 International Conventions and Agreements

All chemical substances in this HP product have been notified or are exempt from notification under chemical substances notification laws in the following countries: US (TSCA), EU (EINECS/ELINCS), Switzerland, Canada (DSL/NDSL), Australia, Japan, Philippines, South Korea, New Zealand, and China.

**Stockholm Convention**

Not applicable.

**Rotterdam Convention**

Not applicable.

**Montreal Protocol**

Not applicable.

**Kyoto protocol**

Not applicable.



**Basel Convention**

Not applicable.

**16. Other information****16.1 Information on revision of the SDS**

<b>Issue date</b>	13-Feb-2015
<b>Revision date</b>	20-Apr-2021
<b>Version #</b>	11
<b>Previous SDS number</b>	Not applicable.
<b>Revision information</b>	1. Product and Company Identification: EU Poison Center 3. Composition / Information on Ingredients: Disclosure Overrides

**16.2 List of references used in compiling the safety data sheet**

Not available.

**Disclaimer**

This safety data sheet is meant to convey information about HP inks (toners) provided in HP Original ink (toner) supplies. If our Safety Data Sheet has been provided to you with a refilled, remanufactured, compatible or other non-HP Original supply please be aware that the information contained herein was not meant to convey information about such products and there could be considerable differences from information in this document and the safety information for the product you purchased. Please contact the seller of the refilled, remanufactured or compatible supplies for applicable information, including information on personal protective equipment, exposure risks and safe handling guidance. HP does not accept refilled, remanufactured or compatible supplies in our recycling programs. This Safety Data Sheet document is provided without charge to customers of HP. Data is the most current known to HP at the time of preparation of this document and is believed to be accurate. It should not be construed as guaranteeing specific properties of the products as described or suitability for a particular application. This document was prepared to the requirements of the jurisdiction specified in Section 1 above and may not meet regulatory requirements in other countries.

**Explanation of abbreviations**

<b>ACGIH</b>	American Conference of Governmental Industrial Hygienists
<b>CAS</b>	Chemical Abstracts Service
<b>CERCLA</b>	Comprehensive Environmental Response Compensation and Liability Act
<b>CFR</b>	Code of Federal Regulations
<b>COC</b>	Cleveland Open Cup
<b>DOT</b>	Department of Transportation
<b>EPCRA</b>	Emergency Planning and Community Right-to-Know Act (aka SARA)
<b>IARC</b>	International Agency for Research on Cancer
<b>NIOSH</b>	National Institute for Occupational Safety and Health
<b>NTP</b>	National Toxicology Program
<b>OSHA</b>	Occupational Safety and Health Administration
<b>PEL</b>	Permissible Exposure Limit
<b>RCRA</b>	Resource Conservation and Recovery Act
<b>REC</b>	Recommended
<b>REL</b>	Recommended Exposure Limit
<b>SARA</b>	Superfund Amendments and Reauthorization Act of 1986
<b>STEL</b>	Short-Term Exposure Limit
<b>TCLP</b>	Toxicity Characteristics Leaching Procedure
<b>TLV</b>	Threshold Limit Value
<b>TSCA</b>	Toxic Substances Control Act
<b>VOC</b>	Volatile Organic Compounds