# Safety Data Sheet
# 142 Solvent

Version 0.0 Revision Date: 05/11/2015

## SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name** : 142 Solvent
**Product Use Description** : Solvent.

**Manufacturer or supplier's details**

**Company** : Coolants Plus, Inc.
**Address** 2570 Van Hook Ave.
Hamilton, OH. 45015
United States of America

**Emergency telephone number:**
Transport North America: CHEMTREC 800.424.9300

**Additional Information:** : Website: www.Coolantsplus.com

## SECTION 2. HAZARDS IDENTIFICATION

**GHS Classification**

Flammable liquids : Category 4

Skin irritation : Category 2

Eye irritation : Category 2A

Specific target organ toxicity - single exposure : Category 3 (Central nervous system)

Aspiration hazard : Category 1

**GHS Label element**

Hazard pictograms :

Signal word : Danger

Hazard statements : H227 Combustible liquid.
H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.

Precautionary statements : **Prevention:**
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P264 Wash skin thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/ eye protection/ face protection.
**Response:**
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician.
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P304 + P340 + P312 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/ physician if you feel unwell.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P331 Do NOT induce vomiting.
P332 + P313 If skin irritation occurs: Get medical advice/ attention.
P337 + P313 If eye irritation persists: Get medical advice/ attention.
P362 Take off contaminated clothing and wash before reuse.
P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.
**Storage:**
P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
P403 + P235 Store in a well-ventilated place. Keep cool.
P405 Store locked up.
**Disposal:**
P501 Dispose of contents/ container to an approved waste disposal plant.

**Potential Health Effects**

**Carcinogenicity:**

**IARC** No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**ACGIH** No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

**OSHA** No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

**NTP** No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

**Emergency Overview**

| | |
|---|---|
| Appearance | liquid |
| Colour | colourless |
| Odour | hydrocarbon-like |
| Hazard Summary | No information available. |

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Substance

**Hazardous components**

| CAS-No. | Chemical Name | Concentration (%) |
|---|---|---|
| 64742-48-9 / 64742-47-8 | Naphtha (pet), hydrotreated heavy AND/OR Distillates (pet), hydrotreated light | 90 - 100 |

## SECTION 4. FIRST AID MEASURES

General advice : Move out of dangerous area.
Show this safety data sheet to the doctor in attendance.
Symptoms of poisoning may appear several hours later.
Do not leave the victim unattended.

If inhaled : Consult a physician after significant exposure.
If unconscious place in recovery position and seek medical advice.

In case of skin contact : If skin irritation persists, call a physician.
If on skin, rinse well with water.

If on clothes, remove clothes.

| | | |
|---|---|---|
| In case of eye contact | : | Immediately flush eye(s) with plenty of water.<br>Remove contact lenses.<br>Protect unharmed eye.<br>Keep eye wide open while rinsing.<br>If eye irritation persists, consult a specialist. |
| If swallowed | : | Keep respiratory tract clear.<br>Do NOT induce vomiting.<br>Do not give milk or alcoholic beverages.<br>Never give anything by mouth to an unconscious person.<br>If symptoms persist, call a physician.<br>Take victim immediately to hospital. |

## SECTION 5. FIREFIGHTING MEASURES

| | | |
|---|---|---|
| Suitable extinguishing media | : | Carbon dioxide (CO2) |
| Unsuitable extinguishing media | : | High volume water jet |
| Specific hazards during firefighting | : | Do not allow run-off from fire fighting to enter drains or water courses. |
| Hazardous combustion products | : | No hazardous combustion products are known |
| Specific extinguishing methods | : | Use a water spray to cool fully closed containers. |
| Further information | : | Collect contaminated fire extinguishing water separately. This must not be discharged into drains.<br>Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.<br>For safety reasons in case of fire, cans should be stored separately in closed containments. |
| Special protective equipment for firefighters | : | Wear self-contained breathing apparatus for firefighting if necessary. |

**NFPA Flammable and Combustible Liquids Classification**:
Combustible Liquid Class II

## SECTION 6. ACCIDENTAL RELEASE MEASURES

| | | |
|---|---|---|
| Personal precautions, protective equipment and emergency procedures | : | Use personal protective equipment.<br>Ensure adequate ventilation. |
| Environmental precautions | : | Prevent product from entering drains.<br>Prevent further leakage or spillage if safe to do so.<br>If the product contaminates rivers and lakes or drains inform respective authorities. |
| Methods and materials for containment and cleaning up | : | Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).<br>Keep in suitable, closed containers for disposal. |

## SECTION 7. HANDLING AND STORAGE

| | | |
|---|---|---|
| Advice on safe handling | : | Avoid formation of aerosol.<br>Do not breathe vapours/dust.<br>Avoid exposure - obtain special instructions before use.<br>Avoid contact with skin and eyes.<br>For personal protection see section 8.<br>Smoking, eating and drinking should be prohibited in the application area.<br>Provide sufficient air exchange and/or exhaust in work rooms.<br>Dispose of rinse water in accordance with local and national regulations. |
| Conditions for safe storage | : | No smoking.<br>Keep container tightly closed in a dry and well-ventilated place.<br>Containers which are opened must be carefully re-sealed and kept upright to prevent leakage.<br>Observe label precautions.<br>Electrical installations / working materials must comply with the technological safety standards. |

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Components with workplace control parameters**

| CAS-No. | Components | Value type | Control parame- | Basis |
|---|---|---|---|---|

| | | | | |
|---|---|---|---|---|
| | | (Form of exposure) | ters / Permissible concentration | |
| 64742-48-9 / 64742-47-8 | Naphtha (pet), hydrotreated heavy AND/OR Distillates (pet), hydrotreated light | TWA | 500 ppm<br>2,000 mg/m3 | OSHA Z-1 |
| | | TWA | 400 ppm<br>1,600 mg/m3 | OSHA P0 |

**Personal protective equipment**

Respiratory protection : No personal respiratory protective equipment normally required.
In the case of vapour formation use a respirator with an approved filter.

Hand protection
Remarks : The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection : Eye wash bottle with pure water
Tightly fitting safety goggles
Wear face-shield and protective suit for abnormal processing problems.

Skin and body protection : impervious clothing
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene measures : When using do not eat or drink.
When using do not smoke.
Wash hands before breaks and at the end of workday.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid

Colour : colourless

Odour : hydrocarbon-like

Odour Threshold : No data available

pH : No data available

Freezing Point (Melting : -58 °C (-72 °F)

| | | |
|---|---|---|
| point/range) | | |
| Boiling Point (Boiling point/boiling range) | : | Expected 158 - 243.3 °C (316 - 469.9 °F) |
| Flash point | : | Expected 61 - 66 °C (142 - 151 °F) |
| Evaporation rate | : | < 1<br>n-Butyl Acetate |
| Flammability (solid, gas) | : | No data available |
| Burning rate | : | No data available |
| Upper explosion limit | : | 5.5 - 6 %(V) |
| Lower explosion limit | : | 0.6 - 0.7 %(V) |
| Vapour pressure | : | Expected 0.225 - 0.6975 mmHg @ 0 - 25 °C (32 - 77 °F) |
| Relative vapour density | : | 4.5(Air = 1.0) |
| Relative density | : | 0.78 - 0.81 |
| Density | : | Expected 0.78 - 0.805 g/cm3 @ 15 °C (59 °F) |
| Bulk density | : | No data available |
| Solubility(ies) | | |
| Water solubility | : | 1.5 g/l negligible |
| Solubility in other solvents | : | No data available |
| Partition coefficient: n-octanol/water | : | No data available |
| Auto-ignition temperature | : | 235 - 315 °C |
| Thermal decomposition | : | No data available |
| Viscosity | | |
| Viscosity, kinematic | : | 1.8 mm2/s @ 20 °C (68 °F) |

## SECTION 10. STABILITY AND REACTIVITY

| | | |
|---|---|---|
| Reactivity | : | No dangerous reaction known under conditions of normal use. |
| Chemical stability | : | Stable under normal conditions. |
| Possibility of hazardous reactions | : | No hazards to be specially mentioned. |
| Conditions to avoid | : | Keep away from heat, flame, sparks and other ignition sources. |
| Incompatible materials | : | Strong oxidizing agents<br>Strong acids<br>strong alkalis<br>Chlorine<br>Oxygen |

## SECTION 11. TOXICOLOGICAL INFORMATION

**Acute toxicity**

**Components:**

**64742-48-9 / 64742-47-8:**

| | | |
|---|---|---|
| Acute oral toxicity | : | LD50 (rat): > 5,000 mg/kg<br>Assessment: The substance or mixture has no acute oral toxicity |
| Acute inhalation toxicity | : | LC50 (rat): > 5610<br>Assessment: The component/mixture is low toxic after short term inhalation. |
| Acute dermal toxicity | : | LD50 (rabbit, male and female): > 2,000 mg/kg<br>Method: Fixed dose procedure<br>GLP: yes<br>Assessment: The substance or mixture has no acute dermal toxicity |

**Skin corrosion/irritation**

**Product:**

Result: Irritating to skin.

**Components:**

**64742-48-9 / 64742-47-8:**

Species: rabbit

Exposure time: 24 h
Method: In vivo
Result: Irritating to skin.

**Serious eye damage/eye irritation**

**Product:**
Result: Irritating to eyes.

**Components:**
**64742-48-9 / 64742-47-8:**
Species: rabbit
Result: Irritating to eyes.
Method: OECD Test Guideline 405

**Respiratory or skin sensitisation**

**Components:**
**64742-48-9 / 64742-47-8:**
Test Type: Buehler Test
Exposure routes: Dermal
Species: guinea pig
Method: In vivo
Result: Did not cause sensitisation on laboratory animals.
GLP: yes

**Germ cell mutagenicity**

**Components:**
**64742-48-9 / 64742-47-8:**
Germ cell mutagenicity-Assessment : Tests on bacterial or mammalian cell cultures did not show mutagenic effects.

**Carcinogenicity**

**Components:**
**64742-48-9 / 64742-47-8:**
Carcinogenicity - Assessment : Not classifiable as a human carcinogen.

**Reproductive toxicity**

**Components:**
**64742-48-9 / 64742-47-8:**
Reproductive toxicity - Assessment : Animal testing did not show any effects on fertility. Embryotoxicity classification not possible from current

data.

**STOT - single exposure**

**Product:**No data available

**Components:**
64742-48-9 / 64742-47-8:

| Exposure routes: | Target Organs: | Assessment: | Remarks: |
|---|---|---|---|
| Inhalation | Central nervous system | May cause drowsiness or dizziness., The substance or mixture is classified as specific target organ toxicant, single exposure, category 3 with narcotic effects. | |

**STOT - repeated exposure**

**Product:**No data available

**Components:**

**64742-48-9 / 64742-47-8:**No data available

**Repeated dose toxicity**

**Components:**

**64742-48-9 / 64742-47-8:**
Species: rat, male
LOAEL: 750 mg/kg
Application Route: Oral
Exposure time: 70 - 90 days
Number of exposures: daily
Dose: 0, 750, 1500, 3000 mg/kg/d
GLP: yes
Symptoms: weight loss, Liver effects, Stomach/intestinal disorders

Species: rat, female
NOAEL: 750 mg/kg
Application Route: Oral
Exposure time: 21 wks
Number of exposures: daily
Dose: 0, 325, 750, 1500 mg/kg/d
GLP: yes
Symptoms: weight loss, Liver effects, Stomach/intestinal disorders

Species: mouse, male and female
NOAEL: >= 1000
Application Route: inhalation (vapour)

Exposure time: 90 d
Number of exposures: 24 h/d, daily
Dose: 0, 500, 1000 mg/m3
GLP: No data available

Species: rat, male and female
NOAEL: >=0,5
Application Route: Dermal
Exposure time: 28 d
Number of exposures: 6 h/d, 5 d/wk
Dose: 0, 0.01, 0.05, 0.5 ml/kg bw/d
Method: OECD Test Guideline 410
GLP: yes
Symptoms: Local irritation

**Aspiration toxicity**

**Product:**
Aspiration Toxicity - Category 1

**Components:**
**64742-48-9 / 64742-47-8:**
May be fatal if swallowed and enters airways.

**Further information**

**Product:**
Remarks: Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting., Concentrations substantially above the TLV value may cause narcotic effects., Solvents may degrease the skin.

## SECTION 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

**Components:**
**64742-48-9 / 64742-47-8:**

| | | |
|---|---|---|
| Toxicity to fish | : | LL50 (Oncorhynchus mykiss (rainbow trout)): 10 mg/l<br>Exposure time: 96 h<br>Test Type: semi-static test<br>Method: OECD Test Guideline 203 |
| Toxicity to daphnia and other aquatic invertebrates | : | EL50 (Daphnia magna (Water flea)): 1.4 mg/l<br>Exposure time: 48 h<br>Test Type: static test |

Analytical monitoring: yes
Method: OECD Test Guideline 202
GLP: yes

Toxicity to algae : EL50 (Pseudokirchneriella subcapitata (green algae)): 1 mg/l
End point: Growth rate
Exposure time: 72 h
Test Type: static test
Analytical monitoring: yes
Method: OECD Test Guideline 201
GLP: yes

Ecotoxicology Assessment
Acute aquatic toxicity : Toxic to aquatic life.

Chronic aquatic toxicity : Toxic to aquatic life with long lasting effects.

**Persistence and degradability**

**Components:**

**64742-48-9 / 64742-47-8:**

Biodegradability : aerobic
Concentration: 101 mg/l
Biodegradation: 61 %
Exposure time: 28 d
GLP: yes
Remarks: Readily biodegradable

**Bioaccumulative potential**

No data available

**Mobility in soil**

No data available

**Other adverse effects**

No data available

**Product:**

Regulation: 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances

Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal., Toxic to aquatic life with long lasting effects.

## SECTION 13. DISPOSAL CONSIDERATIONS

**Disposal methods**

Waste from residues : Dispose of in accordance with all applicable local, state and federal regulations.
For assistance with your waste management needs - including disposal, recycling and waste stream reduction, contact NEXEO's Environmental Services Group at 800-637-7922.

Contaminated packaging : Empty remaining contents.
Dispose of as unused product.
Do not re-use empty containers.
Do not burn, or use a cutting torch on, the empty drum.

## SECTION 14. TRANSPORT INFORMATION

**IATA (International Air Transport Association)**: Not regulated as a dangerous good

**IMDG-Code**: Not regulated as a dangerous good

**DOT (Department of Transportation)**: UN1268, PETROLEUM DISTILLATES, N.O.S., CBL, III

**Special Notes:** : The flash point for this material is greater than 100 F (38 C). Therefore, in accordance with 49 CFR 173.150(f) non-bulk containers (<450L or <119 gallon capacity) of this material may be shipped as non-regulated when transported solely by land, as long as the material is not a hazardous waste, a marine pollutant, or specifically listed as a hazardous substance.

## SECTION 15. REGULATORY INFORMATION

**OSHA Hazards** : Combustible Liquid, Moderate skin irritant, Moderate eye irritant, Specific target organ toxicity - single exposure, Aspiration hazard

**WHMIS Classification** : B3: Combustible Liquid
D2B: Toxic Material Causing Other Toxic Effects

**EPCRA - Emergency Planning and Community Right-to-Know Act**

**CERCLA Reportable Quantity**

| Components | CAS-No. | Component RQ (lbs) | Calculated product RQ (lbs) |
|---|---|---|---|
| **Benzene | 71-43-2 | 10 | * |

*: Calculated RQ exceeds reasonably attainable upper limit.

**SARA 304 Extremely Hazardous Substances Reportable Quantity**
This material does not contain any components with a section 304 EHS RQ.

**SARA 311/312 Hazards** : Fire Hazard
Acute Health Hazard

**SARA 302** : SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313** : SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**Clean Air Act**
The following chemical(s) are listed as HAP under the U.S. Clean Air Act, Section 12 (40 CFR 61):

| | | |
|---|---|---|
| 108-88-3 | **Toluene | 0.0099 % |
| 98-82-8 | **Cumene | 0.0009 % |
| 71-43-2 | **Benzene | 0.9999 PPM |
| 100-41-4 | **Ethylbenzene | 0.9999 PPM |
| 91-20-3 | **Naphthalene | 0.9999 PPM |

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).
The following chemical(s) are listed under the U.S. Clean Air Act Section 111 SOCMI Intermediate or Final VOC's (40 CFR 60.489):

| | | |
|---|---|---|
| 108-88-3 | **Toluene | 0.0099 % |
| 98-82-8 | **Cumene | 0.0009 % |
| 71-43-2 | **Benzene | 0.9999 PPM |
| 100-41-4 | **Ethylbenzene | 0.9999 PPM |

**Clean Water Act**
This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307
The following Hazardous Substances are listed under the U.S. CleanWater Act, Section 311, Table 116.4A:

| | | |
|---|---|---|
| 108-88-3 | **Toluene | 0.0099 % |
| 71-43-2 | **Benzene | 0.9999 PPM |
| 100-41-4 | **Ethylbenzene | 0.9999 PPM |
| 91-20-3 | **Naphthalene | 0.9999 PPM |

The following Hazardous Chemicals are listed under the U.S. CleanWater Act, Section 311, Table 117.3:

| | | |
|---|---|---|
| 108-88-3 | **Toluene | 0.0099 % |
| 71-43-2 | **Benzene | 0.9999 PPM |
| 100-41-4 | **Ethylbenzene | 0.9999 PPM |
| 91-20-3 | **Naphthalene | 0.9999 PPM |

**US State Regulations**

**Massachusetts Right To Know**

No components are subject to the Massachusetts Right to Know Act.

**Pennsylvania Right To Know**

| | | |
|---|---|---|
| 64742-48-9 / 64742-47-8 | Naphtha (pet), hydrotreated heavy AND/OR Distillates (pet), hydrotreated light | 90 - 100 % |

**New Jersey Right To Know**

| | | |
|---|---|---|
| 64742-48-9 / 64742-47-8 | Naphtha (pet), hydrotreated heavy AND/OR Distillates (pet), hydrotreated light | 90 - 100 % |

**California Prop 65**

WARNING! This product contains a chemical known to the State of California to cause cancer.

| | |
|---|---|
| 98-82-8 | **Cumene |
| 71-43-2 | **Benzene |
| 100-41-4 | **Ethylbenzene |
| 91-20-3 | **Naphthalene |

WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

| | |
|---|---|
| 108-88-3 | **Toluene |
| 71-43-2 | **Benzene |

**The components of this product are reported in the following inventories:**

| | | |
|---|---|---|
| **United States TSCA Inventory** | : | y (positive listing) (On TSCA Invento-ry) |
| **Canadian Domestic Substances List (DSL)** | : | y (positive listing) (All components of this product are on the Canadian DSL.) |
| **Australia Inventory of Chemical Substances (AICS)** | : | y (positive listing) (On the inventory, or in compliance with the inventory) |
| **New Zealand. Inventory of Chemical Substances** | : | y (positive listing) |

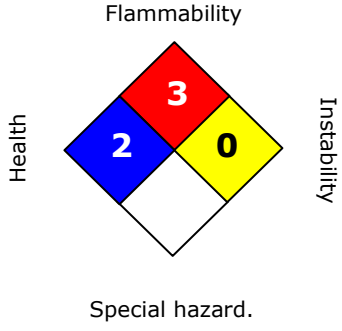
| | | |
|---|---|---|
| | | (On the inventory, or in compliance with the inventory) |
| **Japan. ENCS - Existing and New Chemical Substances Inventory** | : | n (Negative listing) (Not in compliance with the inventory) |
| **Korea. Korean Existing Chemicals Inventory (KECI)** | : | y (positive listing) (On the inventory, or in compliance with the inventory) |
| **Philippines Inventory of Chemicals and Chemical Substances (PICCS)** | : | y (positive listing) (On the inventory, or in compliance with the inventory) |
| **China. Inventory of Existing Chemical Substances in China (IECSC)** | : | y (positive listing) (On the inventory, or in compliance with the inventory) |

**Special Notes:** : ** Other substances in the product which may present a health or environmental hazard.

## SECTION 16. OTHER INFORMATION

**Further information**

**NFPA:**




**HMIS III:**

| | |
|---|---|
| **HEALTH** | **2** |
| **FLAMMABILITY** | **3** |
| **PHYSICAL HAZARD** | **0** |

0 = not significant, 1 =Slight,
2 = Moderate, 3 = High
4 =Extreme, * = Chronic

The information accumulated is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be ap-

plied under conditions beyond our control and with which we may be unfamiliar and since data made become available subsequently to the date hereof, we do not assume any responsibility for the results of its use. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.

| **Key or legend to abbreviations and acronyms used in the safety data sheet** | | | |
|---|---|---|---|
| ACGIH | American Conference of Government Industrial Hygienists | LD50 | Lethal Dose 50% |
| AICS | Australia, Inventory of Chemical Substances | LOAEL | Lowest Observed Adverse Effect Level |
| DSL | Canada, Domestic Substances List | NFPA | National Fire Protection Agency |
| NDSL | Canada, Non-Domestic Substances List | NIOSH | National Institute for Occupational Safety & Health |
| CNS | Central Nervous System | NTP | National Toxicology Program |
| CAS | Chemical Abstract Service | NZIoC | New Zealand Inventory of Chemicals |
| EC50 | Effective Concentration | NOAEL | No Observable Adverse Effect Level |
| EC50 | Effective Concentration 50% | NOEC | No Observed Effect Concentration |
| EGEST | EOSCA Generic Exposure Scenario Tool | OSHA | Occupational Safety & Health Administration |
| EOSCA | European Oilfield Specialty Chemicals Association | PEL | Permissible Exposure Limit |
| EINECS | European Inventory of Existing Chemical Substances | PICCS | Philipines Inventory of Commercial Chemical Substances |
| MAK | Germany Maximum Concentration Values | PRNT | Presumed Not Toxic |
| GHS | Globally Harmonized System | RCRA | Resource Conservation Recovery Act |
| >= | Greater Than or Equal To | STEL | Short-term Exposure Limit |
| IC50 | Inhibition Concentration 50% | SARA | Superfund Amendments and Reauthorization Act. |
| IARC | International Agency for Research on Cancer | TLV | Threshold Limit Value |
| IECSC | Inventory of Existing Chemical Substances in China | TWA | Time Weighted Average |
| ENCS | Japan, Inventory of Existing and New Chemical Substances | TSCA | Toxic Substance Control Act |
| KECI | Korea, Existing Chemical Inventory | UVCB | Unknown or Variable Compositon, Complex Reaction Products, and Biological Materials |
| <= | Less Than or Equal To | WHMIS | Workplace Hazardous Materials Information System |
| LC50 | | Lethal Concentration 50% | |